Voxel-Based Morphometryâ€"The Methods

NeuroImage 11, 805-821 DOI: 10.1006/nimg.2000.0582

Citation Report

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The association between hand preference and language lateralization. , 2009, , 59-72. | | 20 |
| 2 | Brain imaging investigation of chemotherapy-induced neurocognitive changes. , 0, , 19-32. | | 9 |
| 3 | Functional imaging of chronic pain. , 0, , 540-589. | | 0 |
| 4 | 3D morphological analysis of brain MRI using wavelets. , 0, , . | | 3 |
| 5 | Inhomogeneity correction of magnetic resonance images by minimization of intensity overlapping. , 0, , | | 3 |
| 6 | Detecting bilateral abnormalities with voxel-based morphometry. Human Brain Mapping, 2000, 11, 223-232. | 1.9 | 50 |
| 7 | Data mining in brain imaging. Statistical Methods in Medical Research, 2000, 9, 359-394. | 0.7 | 59 |
| 9 | Assessing Study-Specific Regional Variations in fMRI Signal. NeuroImage, 2001, 13, 392-398. | 2.1 | 54 |
| 10 | Voxel-Based Morphometry of Herpes Simplex Encephalitis. NeuroImage, 2001, 13, 623-631. | 2.1 | 96 |
| 11 | Gray Matter-Changes and Correlates of Disease Severity in Schizophrenia: A Statistical Parametric Mapping Study. Neurolmage, 2001, 13, 814-824. | 2.1 | 140 |
| 12 | "Voxel-Based Morphometry―Should Not Be Used with Imperfectly Registered Images. NeuroImage, 2001, 14, 1454-1462. | 2.1 | 639 |
| 13 | A Voxel-Based Morphometric Study of Ageing in 465 Normal Adult Human Brains. NeuroImage, 2001, 14, 21-36. | 2.1 | 4,189 |
| 14 | In Vivo Mapping of Gray Matter Loss with Voxel-Based Morphometry in Mild Alzheimer's Disease. NeuroImage, 2001, 14, 298-309. | 2.1 | 630 |
| 15 | Cerebral Asymmetry and the Effects of Sex and Handedness on Brain Structure: A Voxel-Based Morphometric Analysis of 465 Normal Adult Human Brains. NeuroImage, 2001, 14, 685-700. | 2.1 | 1,189 |
| 16 | A Unified Statistical Approach to Deformation-Based Morphometry. NeuroImage, 2001, 14, 595-606. | 2.1 | 372 |
| 17 | Voxel-Based Morphometry Using the RAVENS Maps: Methods and Validation Using Simulated Longitudinal Atrophy. NeuroImage, 2001, 14, 1361-1369. | 2.1 | 381 |
| 18 | Why Voxel-Based Morphometry Should Be Used. NeuroImage, 2001, 14, 1238-1243. | 2.1 | 767 |
| 20 | Statistical atlases. , 2001, , 240-250. | | 0 |

ITATION REDO

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 21 | Neuroimaging and its role in developing interventions. , 2001, , 415-443. | | 0 |
| 22 | Aspectos neurorradiológicos do transtorno obsessivo-compulsivo: o papel dos gânglios da base. Revista Brasileira De Psiquiatria, 2001, 23, 42-45. | 0.9 | 2 |
| 23 | Widespread anatomical abnormalities of grey and white matter structure in tuberous sclerosis. Psychological Medicine, 2001, 31, 1437-1446. | 2.7 | 80 |
| 24 | Distributed grey and white matter deficits in hyperkinetic disorder: MRI evidence for anatomical abnormality in an attentional network. Psychological Medicine, 2001, 31, 1425-1435. | 2.7 | 178 |
| 25 | Voxel-based morphometric analyses of the brain in children and adolescents prenatally exposed to alcohol. NeuroReport, 2001, 12, 515-523. | 0.6 | 167 |
| 26 | Abnormal brain white matter in schizophrenia: a diffusion tensor imaging study. NeuroReport, 2001, 12, 2251-2254. | 0.6 | 244 |
| 27 | Appearances may not be deceiving: calculation deficits due to a brain structure abnormality in neurologically normal children. Brain, 2001, 124, 1681-1682. | 3.7 | 3 |
| 29 | 4D deformation modeling of cortical disease progression in Alzheimer's dementia. Magnetic Resonance in Medicine, 2001, 46, 661-666. | 1.9 | 107 |
| 30 | Genetic influences on brain structure. Nature Neuroscience, 2001, 4, 1253-1258. | 7.1 | 1,018 |
| 31 | Mapping adolescent brain change reveals dynamic wave of accelerated gray matter loss in very early-onset schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11650-11655. | 3.3 | 742 |
| 32 | Preliminary evidence of widespread morphological variations of the brain in dyslexia. Neurology, 2001, 56, 781-783. | 1.5 | 186 |
| 33 | Neuropathological abnormalities in schizophrenia: evidence from magnetization transfer imaging. Brain, 2001, 124, 882-892. | 3.7 | 149 |
| 34 | Focal Gray Matter Density Changes in Schizophrenia. Archives of General Psychiatry, 2001, 58, 1118. | 13.8 | 255 |
| 35 | Structural Asymmetries in the Human Brain: a Voxel-based Statistical Analysis of 142 MRI Scans. Cerebral Cortex, 2001, 11, 868-877. | 1.6 | 418 |
| 36 | Identifying Rate-Limiting Nodes in Large-Scale Cortical Networks for Visuospatial Processing: An Illustration using fMRI. Journal of Cognitive Neuroscience, 2001, 13, 537-545. | 1.1 | 80 |
| 37 | Structural Abnormalities in Frontal, Temporal, and Limbic Regions and Interconnecting White Matter Tracts in Schizophrenic Patients With Prominent Negative Symptoms. American Journal of Psychiatry, 2001, 158, 234-243. | 4.0 | 451 |
| 38 | Brain Perfusion SPECT: Age- and Sex-related Effects Correlated with Voxel-based Morphometric Findings in Healthy Adults. Radiology, 2001, 221, 810-817. | 3.6 | 66 |
| 39 | T1 histograms of normal-appearing brain tissue are abnormal in early relapsing-remitting multiple sclerosis Journal, 2002, 8, 211-216. | 1.4 | 36 |

| | CITATION | n Report | |
|---|---------------------------------------|----------|-----------|
| Article | | IF | CITATIONS |
| Cortex mapping reveals regionally specific patterns of genetic and disease-specific gra in twins discordant for schizophrenia. Proceedings of the National Academy of Science States of America, 2002, 99, 3228-3233. | y-matter deficits es of the United | 3.3 | 281 |
| Mapping the evolution of regional atrophy in Alzheimer's disease: Unbiased analysis o fluid-registered serial MRI. Proceedings of the National Academy of Sciences of the Un America, 2002, 99, 4703-4707. | f ited States of | 3.3 | 613 |
| Relation between medial temporal atrophy and functional brain activity during memor Alzheimer's disease: a combined MRI and SPECT study. Journal of Neurology, Neurosu Psychiatry, 2002, 73, 508-516. | y processing in gery and | 0.9 | 73 |
| Eugene Jamot (1879-1937). Journal of Neurology, Neurosurgery and Psychiatry, 2002, | 73, 656-656. | 0.9 | Ο |
| NURBS-based detection of age-related variability of the human brain surface. , 0, , . | | | 0 |
| Measurement of atrophy in multiple sclerosis: pathological basis, methodological aspe relevance. Brain, 2002, 125, 1676-1695. | ects and clinical | 3.7 | 534 |
| <code>NURBS-based</code> analysis of gender-related variability of the human brain surface. , 0, , . | | | 0 |
| | | | |

| 46 | NURBS-based analysis of gender-related variability of the human brain surface. , 0, , . | | 0 |
|----|---|-----|-----|
| 47 | Mapping genetic influences on human brain structure. Annals of Medicine, 2002, 34, 523-536. | 1.5 | 75 |
| 48 | Spatial Normalization of Spine MR Images for Statistical Correlation of Lesions with Clinical Symptoms. Radiology, 2002, 224, 919-926. | 3.6 | 14 |
| 49 | Brain atrophy in clinically early relapsing–remitting multiple sclerosis. Brain, 2002, 125, 327-337. | 3.7 | 417 |
| 50 | Cortical and Subcortical Gray Matter Abnormalities in Schizophrenia Determined Through Structural Magnetic Resonance Imaging With Optimized Volumetric Voxel-Based Morphometry. American Journal of Psychiatry, 2002, 159, 1497-1505. | 4.0 | 166 |
| 51 | MRI analysis of an inherited speech and language disorder: structural brain abnormalities. Brain, 2002, 125, 465-478. | 3.7 | 368 |
| 52 | Emotion comprehension in the temporal variant of frontotemporal dementia. Brain, 2002, 125, 2286-2295. | 3.7 | 223 |
| 53 | Degenerative Age Changes in White Matter Connectivity Visualized In Vivo using Magnetic Resonance Imaging. Cerebral Cortex, 2002, 12, 767-771. | 1.6 | 68 |
| 54 | Dissociations in Processing Past Tense Morphology: Neuropathology and Behavioral Studies. Journal of Cognitive Neuroscience, 2002, 14, 79-94. | 1.1 | 134 |
| 55 | A Computational Morphometric MRI Study of Schizophrenia: Effects of Hallucinations. Cerebral Cortex, 2002, 12, 1331-1341. | 1.6 | 159 |
| 56 | Subpopulation Brain Atlases. , 2002, , 757-796. | | 7 |
| | | | |

| 57 | Voxel based morphometry of grey matter abnormalities in patients with medically intractable temporal lobe epilepsy: effects of side of seizure onset and epilepsy duration. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 648-655. | 0.9 | 164 |
|----|---|-----|-----|
|----|---|-----|-----|

#

40

42

44

| # | ARTICLE Patterns of brain atrophy in frontotemporal dementia and semantic dementia. Neurology, 2002, 58, 198-208. | IF 1.5 | Citations |
|----|---|-----------|-----------|
| 59 | Brain metabolite changes in cortical grey and normal-appearing white matter in clinically early relapsing-remitting multiple sclerosis. Brain, 2002, 125, 2342-2352. | 3.7 | 255 |
| 60 | Frontotemporal dementia. , 2002, , 283-288. | | 0 |
| 61 | Normal-appearing brain tissue MTR histograms in clinically isolated syndromes suggestive of MS. Neurology, 2002, 59, 126-128. | 1.5 | 77 |
| 62 | Brain size and grey matter volume in the healthy human brain. NeuroReport, 2002, 13, 2371-2374. | 0.6 | 263 |
| 63 | Investigating regional white matter in schizophrenia using diffusion tensor imaging. NeuroReport, 2002, 13, 333-336. | 0.6 | 147 |
| 64 | Serotonergic and cognitive impairment in impulsive aggressive personality disordered offenders: are there implications for treatment?. Psychological Medicine, 2002, 32, 105-117. | 2.7 | 66 |
| 65 | Brain Morphometric Abnormalities in Geriatric Depression: Long-Term Neurobiological Effects of Illness Duration. American Journal of Psychiatry, 2002, 159, 1424-1427. | 4.0 | 315 |
| 66 | Blood flow responses to deep brain stimulation of thalamus. Neurology, 2002, 58, 1388-1394. | 1.5 | 180 |
| 67 | Mapping gray matter loss with voxel-based morphometry in mild cognitive impairment. NeuroReport, 2002, 13, 1939-1943. | 0.6 | 342 |
| 68 | The distribution of structural neuropathology in pre-clinical Huntington's disease. Brain, 2002, 125, 1815-1828. | 3.7 | 247 |
| 69 | Brain Morphology Associated with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1382-1387. | 2.5 | 506 |
| 70 | Detection of grey matter loss in mild Alzheimer's disease with voxel based morphometry. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 657-664. | 0.9 | 301 |
| 71 | Decreased gray matter concentration in the insular, orbitofrontal, cingulate, and temporal cortices of cocaine patients. Biological Psychiatry, 2002, 51, 134-142. | 0.7 | 565 |
| 72 | Reduced 5-HT2A receptor binding after recovery from anorexia nervosa. Biological Psychiatry, 2002, 52, 896-906. | 0.7 | 197 |
| 73 | Association between relative temporal and prefrontal sulcal cerebrospinal fluid and illness duration in schizophrenia. Schizophrenia Research, 2002, 58, 305-312. | 1.1 | 21 |
| 74 | Anomalous cerebral structural asymmetry in patients with schizophrenia demonstrated by voxel-based morphometry. European Neuropsychopharmacology, 2002, 12, 295. | 0.3 | 1 |
| 75 | Biases in the spontaneous reporting of adverse reactions: The sertindole saga. European Neuropsychopharmacology, 2002, 12, 295. | 0.3 | 0 |

ARTICLE IF CITATIONS Modeling & analysis. NeuroImage, 2002, 16, 769-1198. 2.168 76 A voxel-based morphometric study of ageing in 465 normal adult human brains. , 0, , . 80 Bayesian clustering methods for morphological analysis of MR images. , 0, , . 2 Imaging neuroscience: Lessons from studies of brain plasticity., 0,,. Newer techniques in magnetic resonance imaging and their potential for neuropsychiatric research. 82 1.2 14 Journal of Psychosomatic Research, 2002, 53, 677-685. Voxel-Based Morphometric Comparison of Hippocampal and Extrahippocampal Abnormalities in 2.1 Patients with Left and Right Hippocampal Atrophy. NeuroImage, 2002, 16, 23-31. Stereotaxy-Based Regional Brain Volumetry Applied to Segmented MRI: Validation and Results in Deficit 2.1 84 49 and Nondéficit Schizophrenia. NeuroImagé, 2002, 17, 373-384. Distortion-free Diffusion Tensor Imaging of Cranial Nerves and of Inferior Temporal and 2.1 37 Orbitofrontal White Matter. NeuroImage, 2002, 17, 497-506. Regional Frontal Cortical Volumes Decrease Differentially in Aging: An MRI Study to Compare 86 2.1 345 Volumetric Approaches and Voxel-Based Morphometry. Neurolmage, 2002, 17, 657-669. Structural Gray Matter Differences between First-Episode Schizophrenics and Normal Controls Using 2.1 Voxel-Based Morphometry. NeuroImage, 2002, 17, 880-889. The Precision of Anatomical Normalization in the Medial Temporal Lobe Using Spatial Basis Functions. 88 2.1 60 NeuroImage, 2002, 17, 507-512. Patterns of Cerebral Atrophy in Dementia with Lewy Bodies Using Voxel-Based Morphometry. 2.1 182 NeuroImage, 2002, 17, 618-630. Automatic Differentiation of Anatomical Patterns in the Human Brain: Validation with Studies of 90 2.1 399 Degenerative Dementias. NeuroImage, 2002, 17, 29-46. A Robust Method for Extraction and Automatic Segmentation of Brain Images. NeuroImage, 2002, 17, 2.1 140 1087-1100. Voxel-Based Morphometry Reveals Increased Gray Matter Density in Broca's Area in Male Symphony 92 2.1 291 Orchestra Musicians. NeuroImage, 2002, 17, 1613-1622. Voxel-Based Morphometric Analysis of Gray Matter in First Episode Schizophrenia. NeuroImage, 2002, 329 17, 1711-1719. 94 The Human Hippocampus and Spatial and Episodic Memory. Neuron, 2002, 35, 625-641. 3.8 1,974 Anatomical Correlates of Learning Novel Speech Sounds. Neuron, 2002, 35, 997-1010. 3.8

| | Сітатіс | on Report | |
|---------|--|-----------|-----------|
| # 96 | ARTICLE Degeneracy and cognitive anatomy. Trends in Cognitive Sciences, 2002, 6, 416-421. | IF 4.0 | Citations |
| 70 | | | 100 |
| 97 | Thalamic gray matter changes in unilateral Parkinsonian resting tremor: a voxel-based morphometric analysis of 3-dimensional magnetic resonance imaging. Neuroscience Letters, 2002, 323, 29-32. | 1.0 | 81 |
| 98 | Relationship between brain structure and saccadic eye movements in healthy humans. Neuroscience Letters, 2002, 328, 225-228. | 1.0 | 22 |
| 99 | Patterns of Cerebral Atrophy in Primary Progressive Aphasia. American Journal of Geriatric Psychiatry, 2002, 10, 89-97. | 0.6 | 80 |
| 100 | New Approaches in Brain Morphometry. American Journal of Geriatric Psychiatry, 2002, 10, 13-23. | 0.6 | 35 |
| 101 | Statistics I: Experimental Design and Statistical Parametric Mapping. , 2002, , 605-631. | | 10 |
| 102 | Magnetic Resonance Spectroscopic Imaging. , 2002, , 351-378. | | 5 |
| 103 | Structural magnetic resonance imaging in the practical assessment of dementia: beyond exclusion. Lancet Neurology, The, 2002, 1, 13-21. | 4.9 | 337 |
| 104 | Pathophysiology of cluster headache: a trigeminal autonomic cephalgia. Lancet Neurology, The, 2002, 1, 251-257. | 4.9 | 416 |
| 105 | Reproducibility of in vivo metabolite quantification with proton magnetic resonance spectroscopic imaging. Journal of Magnetic Resonance Imaging, 2002, 15, 219-225. | 1.9 | 43 |
| 106 | The reproducibility and sensitivity of brain tissue volume measurements derived from an SPM-based segmentation methodology. Journal of Magnetic Resonance Imaging, 2002, 15, 259-267. | 1.9 | 136 |
| 107 | SMART-PET: Multimodality white matter imaging and display without loss of quantitative information. Journal of Magnetic Resonance Imaging, 2002, 15, 456-461. | 1.9 | 2 |
| 108 | Comparison of automated and manual MRI volumetry of hippocampus in normal aging and dementia. Journal of Magnetic Resonance Imaging, 2002, 16, 305-310. | 1.9 | 198 |
| 109 | Comparison of spatial normalization procedures and their impact on functional maps. Human Brain Mapping, 2002, 16, 228-250. | 1.9 | 91 |
| 110 | Assessment of spatial normalization of whole-brain magnetic resonance images in children. Human Brain Mapping, 2002, 17, 48-60. | 1.9 | 220 |
| 111 | Structural Image Analysis in Epilepsy. Epilepsia, 2002, 43, 19-24. | 2.6 | 4 |
| 112 | Detection and Localization of Focal Cortical Dysplasia by Voxel-based 3-D MRI Analysis. Epilepsia, 2002, 43, 596-602. | 2.6 | 109 |
| 113 | On the role of quantitative brain imaging in the differential diagnosis of speech disorders. Psychiatry and Clinical Neurosciences, 2002, 56, 111-115. | 1.0 | 6 |

| | | CITATION REPORT | | |
|-----|---|-------------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 114 | Hypothalamic gray matter changes in narcoleptic patients. Nature Medicine, 2002, 8, 1 | 186-1188. | 15.2 | 112 |
| 115 | The musician's brain as a model of neuroplasticity. Nature Reviews Neuroscience, 2002 | , 3, 473-478. | 4.9 | 715 |
| 116 | The Radial Width of the Temporal Horn in Mild Cognitive Impairment. Journal of Neuroi 12, 351-354. | maging, 2002, | 1.0 | 18 |
| 117 | Magnetic resonance approaches to the identification of focal pathophysiology in childr disease. Developmental Science, 2002, 5, 279-285. | en with brain | 1.3 | 2 |
| 118 | Gray Matter Differences between Musicians and Nonmusicians. Annals of the New York Sciences, 2003, 999, 514-517. | Academy of | 1.8 | 177 |
| 119 | Three-dimensional true FISP for high-resolution imaging of the whole brain. European R 2003, 13, 1577-1582. | adiology, | 2.3 | 36 |
| 120 | Emerging insights on the neuroanatomy of schizophrenia. Current Psychosis & Therape 2003, 1, 28-34. | utics Reports, | 0.1 | 1 |
| 121 | Regional differences between 99m Tc-ECD and 99m Tc-HMPAO SPET in perfusion changender in healthy adults. European Journal of Nuclear Medicine and Molecular Imaging, 1489-1497. | ges with age and 2003, 30, | 3.3 | 34 |
| 122 | The normal appearing grey matter in primary progressive multiple sclerosis. Journal of N 2003, 250, 67-74. | leurology, | 1.8 | 111 |
| 123 | Anatomical and functional cerebral variables associated with basal symptoms but not r response in minimally treated schizophrenia. Psychiatry Research - Neuroimaging, 2003 | speridone , 124, 163-175. | 0.9 | 34 |
| 124 | Anatomical and functional brain variables associated with clozapine response in treatm schizophrenia. Psychiatry Research - Neuroimaging, 2003, 124, 153-161. | ent-resistant | 0.9 | 70 |
| 125 | Computer-assisted imaging to assess brain structure in healthy and diseased brains. La The, 2003, 2, 79-88. | ncet Neurology, | 4.9 | 354 |
| 126 | Bilateral brain abnormalities associated with dominantly inherited verbal and orofacial o Human Brain Mapping, 2003, 18, 194-200. | lyspraxia. | 1.9 | 182 |
| 127 | Asymmetry of the brain surface from deformation field analysis. Human Brain Mapping, | 2003, 19, 79-89. | 1.9 | 38 |
| 128 | Navigation expertise and the human hippocampus: A structural brain imaging analysis. 2003, 13, 250-259. | Hippocampus, | 0.9 | 304 |
| 129 | Voxel-based morphometry detects cortical atrophy in the Parkinson variant of multiple atrophy. Movement Disorders, 2003, 18, 1132-1138. | system | 2.2 | 153 |
| 130 | MRI-based morphometric analysis of typical and atypical brain development. Mental Re Developmental Disabilities Research Reviews, 2003, 9, 155-160. | tardation and | 3.5 | 23 |
| 131 | Normative pediatric brain data for spatial normalization and segmentation differs from adult data. Magnetic Resonance in Medicine, 2003, 50, 749-757. | standard | 1.9 | 146 |

| | | CITATION REPORT | | |
|-----|---|--------------------------------------|-----|-----------|
| # | Article | | IF | CITATIONS |
| 132 | Primary progressive aphasia: PPA and the language network. Annals of Neurology, 200 | 3, 53, 35-49. | 2.8 | 134 |
| 133 | Cortical anomalies associated with visuospatial processing deficits. Annals of Neurolog 768-773. | yy, 2003, 53, | 2.8 | 42 |
| 134 | Neuroanatomical database of normal Japanese brains. Neural Networks, 2003, 16, 130 |)1-1310. | 3.3 | 54 |
| 135 | Gray matter features of schizotypal disorder patients exhibiting the schizophrenia-rela of the Minnesota Multiphasic Personality Inventory. Acta Psychiatrica Scandinavica, 20 | ted code types 003, 108, 333-340. | 2.2 | 22 |
| 136 | A generic framework for the parcellation of the cortical surface into gyri using geodesi diagrams. Medical Image Analysis, 2003, 7, 403-416. | c VoronoıÌ^ | 7.0 | 105 |
| 137 | A fully automatic and robust brain MRI tissue classification method. Medical Image An 513-527. | alysis, 2003, 7, | 7.0 | 291 |
| 138 | No change in the structure of the brain in migraine: a voxel-based morphometric study Journal of Neurology, 2003, 10, 53-57. | . European | 1.7 | 102 |
| 139 | Residual Hippocampal Atrophy in Asphyxiated Term Neonates. Journal of Neuroimagin; | g, 2003, 13, 68-74. | 1.0 | 35 |
| 140 | Apolipoprotein E Genotype and Early Alzheimer's Disease: A Longitudinal SPECT Study Neuroimaging, 2003, 13, 113-123. | . Journal of | 1.0 | 22 |
| 141 | Routes to remembering: the brains behind superior memory. Nature Neuroscience, 200 | 03, 6, 90-95. | 7.1 | 318 |
| 142 | Alzheimer's disease and frontotemporal dementia exhibit distinct atrophy-behavio Academic Radiology, 2003, 10, 1392-1401. | r correlates. | 1.3 | 37 |
| 143 | Automatic construction of 3-D statistical deformation models of the brain using nonrigoregistration. IEEE Transactions on Medical Imaging, 2003, 22, 1014-1025. | gid | 5.4 | 350 |
| 144 | Biomechanical simulation of atrophy in MR images. , 2003, , . | | | 5 |
| 145 | Decreased volume and increased asymmetry of the anterior limb of the internal capsul with schizophrenia. Biological Psychiatry, 2003, 54, 427-436. | e in patients | 0.7 | 121 |
| 146 | Abnormal CNV in chronic heavy drinkers. Clinical Neurophysiology, 2003, 114, 2081-2 | 095. | 0.7 | 16 |
| 147 | Voxel-based morphometry of grey matter densities in subjects at high risk of schizoph Schizophrenia Research, 2003, 64, 1-13. | renia. | 1.1 | 167 |
| 148 | Quantitative MRI detects abnormalities in relatives of patients with epilepsy and malfo cortical development. NeuroImage, 2003, 18, 642-649. | rmations of | 2.1 | 30 |
| 149 | Changes in cerebral morphology consequent to peripheral autonomic denervation. Ne 18, 908-916. | urolmage, 2003, | 2.1 | 30 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 150 | Amygdalar atrophy in panic disorder patients detected by volumetric magnetic resonance imaging. NeuroImage, 2003, 19, 80-90. | 2.1 | 157 |
| 151 | A comprehensive study of gray matter loss in patients with Alzheimer's disease using optimized voxel-based morphometry. NeuroImage, 2003, 18, 895-907. | 2.1 | 388 |
| 152 | Variational Bayesian inference for fMRI time series. NeuroImage, 2003, 19, 727-741. | 2.1 | 192 |
| 153 | Sustained attention impairment correlates to gray matter decreases in first episode neuroleptic-naive schizophrenic patients. Neurolmage, 2003, 19, 365-375. | 2.1 | 160 |
| 154 | Gender and age effects in structural brain asymmetry as measured by MRI texture analysis. NeuroImage, 2003, 19, 895-905. | 2.1 | 153 |
| 155 | Diagnosis and exploration of massively univariate neuroimaging models. NeuroImage, 2003, 19, 1014-1032. | 2.1 | 129 |
| 156 | An intensity consistent filtering approach to the analysis of deformation tensor derived maps of brain shape. Neurolmage, 2003, 19, 1638-1649. | 2.1 | 42 |
| 157 | Diffusion tractography based group mapping of major white-matter pathways in the human brain. NeuroImage, 2003, 19, 1545-1555. | 2.1 | 116 |
| 158 | Bright spots: correlations of gray matter volume with IQ in a normal pediatric population. NeuroImage, 2003, 20, 202-215. | 2.1 | 200 |
| 159 | Frontal cortical tissue composition in abstinent cocaine abusers: a magnetic resonance imaging study. NeuroImage, 2003, 19, 1095-1102. | 2.1 | 265 |
| 160 | Improving tissue segmentation of human brain MRI through preprocessing by the Gegenbauer reconstruction method. NeuroImage, 2003, 20, 489-502. | 2.1 | 38 |
| 161 | A voxel-based morphometric study of nondemented adults with Down Syndrome. NeuroImage, 2003, 20, 393-403. | 2.1 | 138 |
| 162 | Automated detection of gray matter malformations using optimized voxel-based morphometry: a systematic approach. NeuroImage, 2003, 20, 330-343. | 2.1 | 95 |
| 163 | A voxel-based morphometric MRI study in female patients with borderline personality disorder. NeuroImage, 2003, 20, 385-392. | 2.1 | 167 |
| 164 | How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. Neurolmage, 2003, 20, 870-888. | 2.1 | 2,535 |
| 165 | Regional cerebral blood flow in Parkinson's disease with and without dementia. NeuroImage, 2003, 20, 1309-1319. | 2.1 | 136 |
| 166 | The morphometry of auditory cortex in the congenitally deaf measured using MRI. NeuroImage, 2003, 20, 1215-1225. | 2.1 | 131 |
| 167 | Evaluation of voxel-based morphometry for focal lesion detection in individuals. Neurolmage, 2003, 20, 1438-1454. | 2.1 | 98 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 168 | Is the brain cortex a fractal?. NeuroImage, 2003, 20, 1765-1774. | 2.1 | 128 |
| 169 | An fMRI study of semantic processing in men with schizophrenia. NeuroImage, 2003, 20, 1923-1933. | 2.1 | 93 |
| 170 | Automatic change detection in multimodal serial MRI: application to multiple sclerosis lesion evolution. NeuroImage, 2003, 20, 643-656. | 2.1 | 167 |
| 175 | Lateralization of auditory-cortex functions. Brain Research Reviews, 2003, 43, 231-246. | 9.1 | 384 |
| 176 | Reduced cortical gray matter density in human MDMA (Ecstasy) users: a voxel-based morphometry study. Drug and Alcohol Dependence, 2003, 72, 225-235. | 1.6 | 98 |
| 177 | Very High-Resolution Morphometry Using Mass-Preserving Deformations and HAMMER Elastic Registration. Neurolmage, 2003, 18, 28-41. | 2.1 | 148 |
| 178 | Zen and the art of medical image registration: correspondence, homology, and quality. NeuroImage, 2003, 20, 1425-1437. | 2.1 | 159 |
| 179 | Spatial normalization of diffusion tensor MRI using multiple channels. NeuroImage, 2003, 20, 1995-2009. | 2.1 | 194 |
| 180 | The MRI pattern of frontal and temporal brain atrophy in fronto-temporal dementia. Neurobiology of Aging, 2003, 24, 95-103. | 1.5 | 107 |
| 181 | A voxel-based morphometry study of temporal lobe gray matter reductions in Alzheimer's disease. Neurobiology of Aging, 2003, 24, 221-231. | 1.5 | 193 |
| 182 | Variability in memory performance in aged healthy individuals: an fMRI study. Neurobiology of Aging, 2003, 24, 453-462. | 1.5 | 35 |
| 183 | Functional and Structural Alterations of the Intraparietal Sulcus in a Developmental Dyscalculia of Genetic Origin. Neuron, 2003, 40, 847-858. | 3.8 | 319 |
| 184 | Changes in brain morphology associated with obstructive sleep apnea. Sleep Medicine, 2003, 4, 451-454. | 0.8 | 265 |
| 185 | D: The Diffusion of Water. , 0, , 203-256. | | 11 |
| 186 | Spatial Registration of Images. , 0, , 501-531. | | 3 |
| 187 | Volume and Atrophy. , 0, , 533-558. | | 2 |
| 189 | Biomedical Image Registration. Lecture Notes in Computer Science, 2003, , . | 1.0 | 6 |
| 190 | Neuroimaging tools to rate regional atrophy, subcortical cerebrovascular disease, and regional cerebral blood flow and metabolism: consensus paper of the EADC. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 1371-1381. | 0.9 | 69 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 191 | An automatic lesion segmentation method for fast spin echo magnetic resonance images using an ensemble of neural networks. , 2003, , . | | 5 |
| 192 | Aging affects the engagement of the hippocampus during autobiographical memory retrieval. Brain, 2003, 126, 1511-1523. | 3.7 | 198 |
| 193 | Dementia and ageing. British Medical Bulletin, 2003, 65, 159-168. | 2.7 | 13 |
| 194 | Regionally Localized Thinning of the Cerebral Cortex in Schizophrenia. Archives of General Psychiatry, 2003, 60, 878. | 13.8 | 809 |
| 195 | Diffusion tensor imaging detects corticospinal tract involvement at multiple levels in amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 1250-1257. | 0.9 | 165 |
| 196 | Configuration of the Optic Chiasm in Humans with Albinism as Revealed by Magnetic Resonance Imaging. , 2003, 44, 16. | | 67 |
| 197 | Disability in multiple sclerosis is related to normal appearing brain tissue MTR histogram abnormalities. Multiple Sclerosis Journal, 2003, 9, 566-573. | 1.4 | 82 |
| 198 | "Motor circuit―gray matter changes in idiopathic cervical dystonia. Neurology, 2003, 61, 1228-1231. | 1.5 | 157 |
| 199 | Dosageâ€sensitive Xâ€linked locus influences the development of amygdala and orbitofrontal cortex, and fear recognition in humans. Brain, 2003, 126, 2431-2446. | 3.7 | 168 |
| 200 | Voxel-based analysis of MRI reveals anterior cingulate gray-matter volume reduction in posttraumatic stress disorder due to terrorism. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9039-9043. | 3.3 | 349 |
| 201 | Temporal Dynamics of Brain Anatomy. Annual Review of Biomedical Engineering, 2003, 5, 119-145. | 5.7 | 54 |
| 202 | A primal sketch of the cortex mean curvature: A morphogenesis based approach to study the variability of the folding patterns. IEEE Transactions on Medical Imaging, 2003, 22, 754-765. | 5.4 | 135 |
| 203 | Regional brain gray matter loss in heart failure. Journal of Applied Physiology, 2003, 95, 677-684. | 1.2 | 196 |
| 204 | Developmental amnesia: Effect of age at injury. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10055-10060. | 3.3 | 118 |
| 205 | Cinguloparietal Atrophy Distinguishes Alzheimer Disease From Semantic Dementia. Archives of Neurology, 2003, 60, 949. | 4.9 | 106 |
| 206 | What's in a name: voxel-based morphometric analyses of MRI and naming difficulty in Alzheimer's disease, frontotemporal dementia and corticobasal degeneration. Brain, 2003, 127, 628-649. | 3.7 | 318 |
| 207 | Focal right inferotemporal atrophy in AD with disproportionate visual constructive impairment. Neurology, 2003, 61, 1485-1491. | 1.5 | 52 |
| 208 | Dissociating atrophy and hypometabolism impact on episodic memory in mild cognitive impairment. Brain, 2003, 126, 1955-1967. | 3.7 | 233 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 209 | Changes in DWI and MRS associated with white matter hyperintensities in elderly subjects. Neurology, 2003, 61, 950-954. | 1.5 | 87 |
| 210 | Three-dimensional analysis of MRI. Handbook of Clinical Neurophysiology, 2003, 3, 513-529. | 0.0 | 0 |
| 211 | Functional MRI in the definition of eloquent cortical areas. Handbook of Clinical Neurophysiology, 2003, 3, 317-332. | 0.0 | 0 |
| 212 | Parahippocampal Gray Matter Density in Panic Disorder: A Voxel-Based Morphometric Study. American Journal of Psychiatry, 2003, 160, 566-568. | 4.0 | 99 |
| 213 | Curvature-based rational surface model for the detection of age and gender-related diversity in cortical morphology. , 0, , . | | 1 |
| 215 | MRI tissue segmentation incorporating a bias field modulated smoothness prior. , 2003, , . | | 0 |
| 216 | Methodology for the assessment of the relationship between structural and functional imaging findings in neuroimaging. , 2003, , . | | 0 |
| 217 | Voxel-based morphometry in pazienti affetti dalla forma lieve della malattia di Alzheimer. The Neuroradiology Journal, 2003, 16, 51-53. | 0.1 | 0 |
| 218 | Age-related brain parenchymal fraction is significantly decreased in young multiple sclerosis patients: a quantitative MRI study. NeuroReport, 2003, 14, 427-430. | 0.6 | 30 |
| 219 | Atassia cerebellare di Friedreich. The Neuroradiology Journal, 2003, 16, 55-56. | 0.1 | 5 |
| 220 | Headache: lessons learned from functional imaging. British Medical Bulletin, 2003, 65, 223-234. | 2.7 | 23 |
| 221 | Structural Magnetic Resonance Imaging in Established and Prodromal Alzheimer Disease: A Review. Alzheimer Disease and Associated Disorders, 2003, 17, 177-195. | 0.6 | 88 |
| 222 | Variability of gray and white matter during normal development: a voxel-based MRI analysis. NeuroReport, 2003, 14, 1887-1890. | 0.6 | 41 |
| 223 | Atrophy pattern in SCA2 determined by voxel-based morphometry. NeuroReport, 2003, 14, 1799-1802. | 0.6 | 87 |
| 224 | Abnormal contingent negative variation in HIV patients receiving antiretroviral therapy. NeuroReport, 2003, 14, 2111-2115. | 0.6 | 10 |
| 225 | Towards an Automatic Lesion Segmentation Method for Dual Echo Magnetic Resonance Images Using an Ensemble of Neural Networks. Lecture Notes in Computer Science, 2003, , 148-157. | 1.0 | 1 |
| 226 | Increases in Regional Subarachnoid CSF Without Apparent Cortical Gray Matter Deficits in Schizophrenia: Modulating Effects of Sex and Age. American Journal of Psychiatry, 2003, 160, 2169-2180. | 4.0 | 44 |
| 227 | Gray and White Matter Brain Abnormalities in First-Episode Schizophrenia Inferred From Magnetization Transfer Imaging. Archives of General Psychiatry, 2003, 60, 779. | 13.8 | 108 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 228 | Monte-Carlo based neuroimaging set-level multiple-comparison correction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 11-15. | 0.4 | 4 |
| 229 | Construction of mouse brain MRI templates using SPM 99. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 113-118. | 0.4 | 1 |
| 230 | Hyperintensities and Fronto-Subcortical Atrophy on MRI Are Substrates of Mild Cognitive Deficits after Stroke. Dementia and Geriatric Cognitive Disorders, 2003, 16, 113-118. | 0.7 | 41 |
| 231 | In Vivo Voxel-Based Morphometry in Multiple System Atrophy of the Cerebellar Type. Archives of Neurology, 2003, 60, 1431. | 4.9 | 66 |
| 232 | The Measurement Process: MR Data Collection and Image Analysis. , 0, , 17-54. | | 5 |
| 233 | Two algorithms for non-rigid image registration and their evaluation. , 2003, 5032, 157. | | 5 |
| 234 | Genetic Correlations Between Brain Volumes and the WAIS-III Dimensions of Verbal Comprehension, Working Memory, Perceptual Organization, and Processing Speed. Twin Research and Human Genetics, 2003, 6, 131-139. | 1.3 | 115 |
| 235 | Voxel-Based Morphometry in Hypocretin-Deficient Narcolepsy. Sleep, 2003, , . | 0.6 | 19 |
| 236 | Brain Structures Differ between Musicians and Non-Musicians. Journal of Neuroscience, 2003, 23, 9240-9245. | 1.7 | 1,347 |
| 238 | New directions in structural imaging. , 2003, , 95-127. | | 2 |
| 239 | Dynamics of Gray Matter Loss in Alzheimer's Disease. Journal of Neuroscience, 2003, 23, 994-1005. | 1.7 | 998 |
| 240 | Experimental Design and Statistical Parametric Mapping. , 2004, , 599-632. | | 22 |
| 241 | Industrial solvents and psychological effects. Clinics in Occupational and Environmental Medicine, 2004, 4, 597-620. | 0.5 | 14 |
| 242 | Brain plasticity in health and disease. Keio Journal of Medicine, 2004, 53, 231-246. | 0.5 | 128 |
| 243 | Association of Genetic Risks for Schizophrenia and Bipolar DisorderWith Specific and Generic Brain Structural Endophenotypes. Archives of General Psychiatry, 2004, 61, 974. | 13.8 | 357 |
| 245 | Cerebral atrophy in Parkinson's disease with and without dementia: a comparison with Alzheimer's disease, dementia with Lewy bodies and controls. Brain, 2004, 127, 791-800. | 3.7 | 544 |
| 246 | Object-Based Morphometry of the Cerebral Cortex. IEEE Transactions on Medical Imaging, 2004, 23, 968-982. | 5.4 | 136 |
| 247 | Accurate Template-Based Correction of Brain MRI Intensity Distortion With Application to Dementia and Aging. IEEE Transactions on Medical Imaging, 2004, 23, 99-110. | 5.4 | 55 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 248 | Brain Anatomy in Turner Syndrome: Evidence for Impaired Social and Spatial-Numerical Networks. Cerebral Cortex, 2004, 14, 840-850. | 1.6 | 113 |
| 249 | Mapping Structural Brain Alterations in Obsessive-Compulsive Disorder. Archives of General Psychiatry, 2004, 61, 720. | 13.8 | 374 |
| 250 | Towards a New Mapping of Brain Cortex Function. Cerebrovascular Diseases, 2004, 17, 35-38. | 0.8 | 9 |
| 251 | Population classification based on structural morphometry of cortical sulci. , 0, , . | | 5 |
| 252 | Voxel-Based Morphometry Reveals Gray Matter Network Atrophy in Refractory Medial Temporal Lobe Epilepsy. Archives of Neurology, 2004, 61, 1379. | 4.9 | 172 |
| 253 | Mapping Changes in the Human Cortex throughout the Span of Life. Neuroscientist, 2004, 10, 372-392. | 2.6 | 490 |
| 254 | Medial Temporal Hypoperfusion and Aggression in Alzheimer Disease. Archives of Neurology, 2004, 61, 1731. | 4.9 | 49 |
| 255 | White Matter Hyperintensities Are Associated With Impairment of Memory, Attention, and Global Cognitive Performance in Older Stroke Patients. Stroke, 2004, 35, 1270-1275. | 1.0 | 118 |
| 256 | Neuroanatomical Markers for Dyslexia: A Review of Dyslexia Structural Imaging Studies. Neuroscientist, 2004, 10, 362-371. | 2.6 | 153 |
| 257 | Ageâ€related cortical grey matter reductions in nonâ€demented Down's syndrome adults determined by MRI with voxelâ€based morphometry. Brain, 2004, 127, 811-824. | 3.7 | 135 |
| 258 | The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. Brain, 2004, 127, 2672-2681. | 3.7 | 74 |
| 259 | Brain morphometry and IQ measurements in preterm children. Brain, 2004, 127, 2595-2607. | 3.7 | 103 |
| 260 | Cognitive sequelae of head injury: involvement of basal forebrain and associated structures. Brain, 2004, 128, 189-200. | 3.7 | 159 |
| 261 | Chronic Back Pain Is Associated with Decreased Prefrontal and Thalamic Gray Matter Density. Journal of Neuroscience, 2004, 24, 10410-10415. | 1.7 | 1,223 |
| 262 | A Voxel-based Morphometric Study to Determine Individual Differences in Gray Matter Density Associated with Age and Cognitive Change Over Time. Cerebral Cortex, 2004, 14, 966-973. | 1.6 | 235 |
| 263 | Correction of partial volume effects for PET imaging: a comparison study. , 2004, , . | | 2 |
| 264 | The Brain-Derived Neurotrophic Factor val66met Polymorphism and Variation in Human Cortical Morphology. Journal of Neuroscience, 2004, 24, 10099-10102. | 1.7 | 807 |
| 265 | Clinical, Cognitive and Anatomical Evolution from Nonfluent Progressive Aphasia to Corticobasal Syndrome: A Case Report. Neurocase, 2004, 10, 426-436. | 0.2 | 134 |

| CITATION REPOR | т |
|----------------|---|

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 266 | Regional variations in the thickness of cervical spine endplates as measured by computed tomography. Acta Radiologica, 2004, 45, 53-58. | 0.5 | 8 |
| 267 | A study of bipolar disorder using magnetization transfer imaging and voxel-based morphometry. Brain, 2004, 127, 2433-2440. | 3.7 | 110 |
| 268 | Dissociation of numbers and objects in corticobasal degeneration and semantic dementia. Neurology, 2004, 62, 1163-1169. | 1.5 | 59 |
| 269 | Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. European Journal of Neuroscience, 2004, 19, 1505-1512. | 1.2 | 59 |
| 270 | Measurement of Wholeâ€Brain Atrophy in Multiple Sclerosis. Journal of Neuroimaging, 2004, 14, 11S. | 1.0 | 58 |
| 271 | Neural systems supporting interoceptive awareness. Nature Neuroscience, 2004, 7, 189-195. | 7.1 | 2,955 |
| 272 | Encoding of emotional memories depends on amygdala and hippocampus and their interactions. Nature Neuroscience, 2004, 7, 278-285. | 7.1 | 488 |
| 273 | Distant influences of amygdala lesion on visual cortical activation during emotional face processing. Nature Neuroscience, 2004, 7, 1271-1278. | 7.1 | 860 |
| 274 | Functional but not structural subgenual prefrontal cortex abnormalities in melancholia. Molecular Psychiatry, 2004, 9, 393-405. | 4.1 | 330 |
| 275 | Functional but not structural subgenual prefrontal cortex abnormalities in melancholia. Molecular Psychiatry, 2004, 9, 325-325. | 4.1 | 188 |
| 276 | Changes in grey matter induced by training. Nature, 2004, 427, 311-312. | 13.7 | 2,015 |
| 277 | Cognitive bias and affective state. Nature, 2004, 427, 312-312. | 13.7 | 635 |
| 278 | Structural plasticity in the bilingual brain. Nature, 2004, 431, 757-757. | 13.7 | 808 |
| 279 | Effects of Heavy Drinking, Binge Drinking, and Family History of Alcoholism on Regional Brain Metabolites. Alcoholism: Clinical and Experimental Research, 2004, 28, 650-661. | 1.4 | 136 |
| 280 | Dissociating person-specific from general semantic knowledge: roles of the left and right temporal lobes. Neuropsychologia, 2004, 42, 359-370. | 0.7 | 104 |
| 281 | Neural processing of nouns and verbs: the role of inflectional morphology. Neuropsychologia, 2004, 42, 512-523. | 0.7 | 180 |
| 282 | Hippocampal adaptation to face repetition in healthy elderly and mild cognitive impairment. Neuropsychologia, 2004, 42, 980-989. | 0.7 | 100 |
| 283 | Voxel-based morphometry in adolescents with bipolar disorder: first results. Psychiatry Research - Neuroimaging, 2004, 131, 57-69. | 0.9 | 173 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 284 | Lower prefrontal gray matter volume in schizophrenia in chronic but not in first episode schizophrenia patients. Psychiatry Research - Neuroimaging, 2004, 131, 45-56. | 0.9 | 42 |
| 285 | Gray matter abnormalities in paranoid schizophrenia and their clinical correlations. Psychiatry Research - Neuroimaging, 2004, 132, 251-260. | 0.9 | 103 |
| 286 | Coordinate-based versus structural approaches to brain image analysis. Artificial Intelligence in Medicine, 2004, 30, 177-197. | 3.8 | 33 |
| 287 | Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. BMC Neurology, 2004, 4, 14. | 0.8 | 184 |
| 288 | Morphological brain differences between adult stutterers and non-stutterers. BMC Neurology, 2004, 4, 23. | 0.8 | 100 |
| 289 | Monitoring and Manipulating Brain Function: New Neuroscience Technologies and Their Ethical Implications. Hastings Center Report, 2004, 34, 35. | 0.7 | 140 |
| 290 | Neural systems behind word and concept retrieval. Cognition, 2004, 92, 179-229. | 1.1 | 602 |
| 291 | Absence of localized grey matter volume changes in the motor cortex following spinal cord injury. Brain Research, 2004, 1028, 19-25. | 1.1 | 50 |
| 292 | A Polymorphism of DRD2 Gene and Brain Atrophy in Methamphetamine Psychosis. Annals of the New York Academy of Sciences, 2004, 1025, 307-315. | 1.8 | 10 |
| 293 | Structural brain differences in patients with schizophrenia and schizotypal disorder demonstrated by voxel?based morphometry. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 406-414. | 1.8 | 100 |
| 294 | Quantitative MR analyses of the hippocampus: Unspecific metabolic changes in aging. Journal of Neurology, 2004, 251, 1345-1353. | 1.8 | 47 |
| 296 | Stimulus-response versus stimulus-stimulus-response learning in cerebellar patients. Experimental Brain Research, 2004, 158, 438-49. | 0.7 | 20 |
| 297 | Functional neuroimaging of primary headache disorders. Current Neurology and Neuroscience Reports, 2004, 4, 105-110. | 2.0 | 35 |
| 298 | Role of neuroimaging in our understanding of the pathogenesis of primary headaches. Current Pain and Headache Reports, 2004, 8, 404-409. | 1.3 | 3 |
| 299 | Selective gray matter damage in neuropsychiatric lupus. Arthritis and Rheumatism, 2004, 50, 2877-2881. | 6.7 | 63 |
| 300 | Functional neural anatomy of talent. The Anatomical Record, 2004, 277B, 21-36. | 2.3 | 34 |
| 301 | Cognition and anatomy in three variants of primary progressive aphasia. Annals of Neurology, 2004, 55, 335-346. | 2.8 | 1,362 |
| 302 | Changes in brain anatomy in focal hand dystonia. Annals of Neurology, 2004, 55, 736-739. | 2.8 | 165 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 303 | Method for bias field correction of brain T1-weighted magnetic resonance images minimizing segmentation error. Human Brain Mapping, 2004, 22, 133-144. | 1.9 | 65 |
| 304 | Permutation tests for factorially designed neuroimaging experiments. Human Brain Mapping, 2004, 22, 193-205. | 1.9 | 92 |
| 305 | Voxel-based analysis of MTR images: A method to locate gray matter abnormalities in patients at the earliest stage of multiple sclerosis. Journal of Magnetic Resonance Imaging, 2004, 20, 765-771. | 1.9 | 85 |
| 306 | Brain morphometry using 3D moment invariants. Medical Image Analysis, 2004, 8, 187-196. | 7.0 | 75 |
| 307 | Neuroimaging correlates of the Halstead Finger Tapping Test several years post-traumatic brain injury. Brain Injury, 2004, 18, 661-669. | 0.6 | 33 |
| 308 | A Bayesian Morphometry Algorithm. IEEE Transactions on Medical Imaging, 2004, 23, 723-737. | 5.4 | 16 |
| 309 | Structural Abnormalities in the Brains of Human Subjects Who Use Methamphetamine. Journal of Neuroscience, 2004, 24, 6028-6036. | 1.7 | 671 |
| 310 | Estimating Topology Preserving and Smooth Displacement Fields. IEEE Transactions on Medical Imaging, 2004, 23, 868-880. | 5.4 | 63 |
| 311 | Challenges and progress toward quantitative deformation morphometry of gyral anatomy. , 0, , . | | 0 |
| 312 | Imaging of Oral and Maxillofacial Function: New Perspectives for Neuroradiology. Journal of Oral Biosciences, 2004, 46, 177-190. | 0.8 | 3 |
| 314 | Gray matter abnormalities in paranoid schizophrenia and their clinical correlations. Psychiatry Research - Neuroimaging, 2004, 132, 251-251. | 0.9 | 1 |
| 315 | Quantitative MR imaging of the neocortex. Neuroimaging Clinics of North America, 2004, 14, 425-436. | 0.5 | 18 |
| 316 | Topical Review: Neurobiology of Specific Language Impairment. Journal of Child Neurology, 2004, 19, 471-481. | 0.7 | 73 |
| 320 | Frontal lobe gray matter density decreases in bipolar I disorder. Biological Psychiatry, 2004, 55, 648-651. | 0.7 | 243 |
| 321 | Regional brain gray matter volume differences in patients with bipolar disorder as assessed by optimized voxel-based morphometry. Biological Psychiatry, 2004, 55, 1154-1162. | 0.7 | 144 |
| 322 | Voxel-based morphometry of patients with schizophrenia or bipolar disorder and their unaffected relatives. Biological Psychiatry, 2004, 56, 544-552. | 0.7 | 166 |
| 323 | Structural neural networks subserving oculomotor function in first-episode schizophrenia. Biological Psychiatry, 2004, 56, 620-627. | 0.7 | 18 |
| 324 | Validating MRI Measures of Disease Stage and Progression in Alzheimer's Disease. Research and Perspectives in Alzheimer's Disease, 2004, , 75-86. | 0.1 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 325 | Dynamic Mapping of Alzheimer's Disease. Research and Perspectives in Alzheimer's Disease, 2004, , 87-112. | 0.1 | 1 |
| 326 | Positron Emission Tomography and Magnetic Resonance Imaging in the Study of Cognitively Normal Persons at Differential Genetic Risk for Alzheimer's Dementia. , 2004, , 151-177. | | 2 |
| 327 | Short-term brain atrophy changes in relapsing–remitting multiple sclerosis. Journal of the Neurological Sciences, 2004, 223, 185-193. | 0.3 | 41 |
| 328 | Biomarkers and surrogate outcomes in neurodegenerative disease: Lessons from multiple sclerosis. NeuroRx, 2004, 1, 284-294. | 6.0 | 117 |
| 329 | Processing Objects at Different Levels of Specificity. Journal of Cognitive Neuroscience, 2004, 16, 351-362. | 1.1 | 242 |
| 330 | Male-specific Volume Expansion of the Human Hippocampus during Adolescence. Cerebral Cortex, 2004, 15, 187-193. | 1.6 | 111 |
| 331 | APOE and modulation of Alzheimer's and frontotemporal dementia. Neuroscience Letters, 2004, 356, 167-170. | 1.0 | 35 |
| 332 | Voxel-based morphometry of human brain with age and cerebrovascular risk factors. Neurobiology of Aging, 2004, 25, 455-463. | 1.5 | 171 |
| 333 | Different metabolic patterns analysis of Parkinsonism on the 18F-FDG PET. European Journal of Radiology, 2004, 51, 223-233. | 1.2 | 118 |
| 334 | Cognitive and Behavioral Profile in a Case of Right Anterior Temporal Lobe Neurodegeneration. Cortex, 2004, 40, 631-644. | 1.1 | 154 |
| 335 | White Matter Asymmetry in the Human Brain: A Diffusion Tensor MRI Study. Cerebral Cortex, 2004, 14, 945-951. | 1.6 | 315 |
| 336 | Focal white matter density changes in schizophrenia: reduced inter-hemispheric connectivity. NeuroImage, 2004, 21, 27-35. | 2.1 | 163 |
| 337 | Voxel-based relaxometry: a new approach for analysis of T2 relaxometry changes in epilepsy. NeuroImage, 2004, 21, 707-713. | 2.1 | 127 |
| 338 | Voxel-based homogeneity probability maps of gray matter in groups: assessing the reliability of functional effects. NeuroImage, 2004, 21, 965-972. | 2.1 | 11 |
| 339 | Glutamate concentrations in human brain using single voxel proton magnetic resonance spectroscopy at 3 Tesla. NeuroImage, 2004, 21, 1762-1771. | 2.1 | 249 |
| 340 | Deformation tensor morphometry of semantic dementia with quantitative validation. NeuroImage, 2004, 21, 1387-1398. | 2.1 | 115 |
| 341 | Voxel-based morphometry of comorbid schizophrenia and learning disability: analyses in normalized and native spaces using parametric and nonparametric statistical methods. NeuroImage, 2004, 22, 188-202. | 2.1 | 50 |
| 342 | The topography of white matter hyperintensities on brain MRI in healthy 60- to 64-year-old individuals. NeuroImage, 2004, 22, 144-154. | 2.1 | 278 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 343 | An automated algorithm for the computation of brain volume change from sequential MRIs using an iterative principal component analysis and its evaluation for the assessment of whole-brain atrophy rates in patients with probable Alzheimer's disease. NeuroImage, 2004, 22, 134-143. | 2.1 | 48 |
| 344 | Sulcal pattern and morphology of the superior temporal sulcus. NeuroImage, 2004, 22, 706-719. | 2.1 | 96 |
| 345 | A voxel-based approach to gray matter asymmetries. NeuroImage, 2004, 22, 656-664. | 2.1 | 188 |
| 346 | Nonstationary cluster-size inference with random field and permutation methods. NeuroImage, 2004, 22, 676-687. | 2.1 | 621 |
| 347 | Singularities in diffusion tensor fields and their relevance in white matter fiber tractography. NeuroImage, 2004, 22, 481-491. | 2.1 | 39 |
| 348 | Brain localization of attentional control in different age groups by combining functional and structural MRI. NeuroImage, 2004, 22, 912-919. | 2.1 | 81 |
| 349 | Neuroanatomy of adult strabismus: a voxel-based morphometric analysis of magnetic resonance structural scans. NeuroImage, 2004, 22, 986-994. | 2.1 | 76 |
| 350 | Quantitative comparison of four brain extraction algorithms. NeuroImage, 2004, 22, 1255-1261. | 2.1 | 106 |
| 351 | Putting our heads together: a consensus approach to brain/non-brain segmentation in T1-weighted MR volumes. NeuroImage, 2004, 22, 1262-1270. | 2.1 | 59 |
| 352 | Semiautomatic brain region extraction: a method of parcellating brain regions from structural magnetic resonance images. NeuroImage, 2004, 22, 1492-1502. | 2.1 | 103 |
| 353 | Correction for intracranial volume in analysis of whole brain atrophy in multiple sclerosis: the proportion vs. residual method. NeuroImage, 2004, 22, 1732-1743. | 2.1 | 172 |
| 354 | Structural brain variation and general intelligence. NeuroImage, 2004, 23, 425-433. | 2.1 | 493 |
| 355 | Correction of differential intensity inhomogeneity in longitudinal MR images. NeuroImage, 2004, 23, 75-83. | 2.1 | 113 |
| 356 | Less white matter concentration in autism: 2D voxel-based morphometry. NeuroImage, 2004, 23, 242-251. | 2.1 | 145 |
| 357 | Voxel-based morphometry of unilateral temporal lobe epilepsy reveals abnormalities in cerebral white matter. NeuroImage, 2004, 23, 167-174. | 2.1 | 77 |
| 358 | Why voxel-based morphometric analysis should be used with great caution when characterizing group differences. NeuroImage, 2004, 23, 17-20. | 2.1 | 411 |
| 359 | Mapping IQ and gray matter density in healthy young people. NeuroImage, 2004, 23, 800-805. | 2.1 | 226 |
| 360 | Quantitative analysis of temporal lobe white matter T2 relaxation time in temporal lobe epilepsy. NeuroImage, 2004, 23, 318-324. | 2.1 | 60 |

| | | CITATION REPO | RT | |
|-----|--|---------------|-----|-----------|
| # | Article | IF | - | CITATIONS |
| 361 | Voxel-based morphometry detects patterns of atrophy that help differentiate progressive supranuclear palsy and Parkinson's disease. NeuroImage, 2004, 23, 663-669. | 2 | .1 | 139 |
| 362 | Whole-brain voxel-based statistical analysis of gray matter and white matter in temporal lobe epi NeuroImage, 2004, 23, 717-723. | lepsy. 2 | .1 | 276 |
| 363 | A unified approach for morphometric and functional data analysis in young, old, and demented a using automated atlas-based head size normalization: reliability and validation against manual measurement of total intracranial volume. NeuroImage, 2004, 23, 724-738. | | .1 | 1,105 |
| 364 | A meta-algorithm for brain extraction in MRI. NeuroImage, 2004, 23, 625-637. | 2 | .1 | 98 |
| 365 | Global and local gray matter loss in mild cognitive impairment and Alzheimer's disease. NeuroIm 2004, 23, 708-716. | ige, 2 | .1 | 522 |
| 366 | Hippocampal gray matter reduction associates with memory deficits in adolescents with history prematurity. Neurolmage, 2004, 23, 869-877. | of 2 | .1 | 82 |
| 367 | Comparison of standard and optimized voxel-based morphometry for analysis of brain changes associated with temporal lobe epilepsy. NeuroImage, 2004, 23, 860-868. | 2 | .1 | 124 |
| 368 | Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. NeuroIm 2004, 23, S2-S18. | age, 2 | .1 | 356 |
| 369 | Differences between smokers and nonsmokers in regional gray matter volumes and densities. Biological Psychiatry, 2004, 55, 77-84. | 0 |).7 | 351 |
| 370 | A Volumetric Study of MRI Signal Hyperintensities in Late-Life Depression. American Journal of Geriatric Psychiatry, 2004, 12, 606-612. | 0 | 9.6 | 33 |
| 371 | Pathological Aging of the Brain. Topics in Magnetic Resonance Imaging, 2004, 15, 369-389. | 0 |).7 | 60 |
| 372 | Analysis of Cerebral Infarction Pattern in Computed Tomography Images of Patients With Intern Carotid Artery Stenosis. Investigative Radiology, 2004, 39, 462-469. | al 3 | .5 | 1 |
| 373 | Absence of Cortical Gray Matter Abnormalities in Psychosis of Epilepsy. Journal of Neuropsychiat and Clinical Neurosciences, 2004, 16, 148-155. | ry o | 9.9 | 15 |
| 374 | Basal forebrain atrophy is a distinctive pattern in dementia with Lewy bodies. NeuroReport, 2004 1711-1714. | -, 15, | 9.6 | 40 |
| 375 | Image Processing: Global and Regional Changes With Age. Topics in Magnetic Resonance Imagin 15, 349-353. | g, 2004, o |).7 | 6 |
| 378 | PET evidence for a role of the basal ganglia in patients with ring chromosome 20 epilepsy. Neuro 2004, 63, 73-77. | logy, 1 | .5 | 146 |
| 379 | Effects of very low birthweight on brain structure in adulthood. Developmental Medicine and Ch Neurology, 2004, 46, 46-53. | ld 1 | .1 | 56 |
| 380 | Alzheimer's disease and models of computation: Imaging, classification, and neural models. Journ Alzheimer's Disease, 2005, 7, 187-199. | nal of1 | .2 | 110 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 381 | Postoperative alteration of cerebral glucose metabolism in mesial temporal lobe epilepsy. Brain, 2005, 128, 1802-1810. | 3.7 | 66 |
| 382 | Comparisons Between Alzheimer Disease, Frontotemporal Lobar Degeneration, and Normal Aging With Brain Mapping. Topics in Magnetic Resonance Imaging, 2005, 16, 409-425. | 0.7 | 71 |
| 383 | Measurement of Cerebrospinal Fluid Flow: Technique Validation in a Patient with Idiopathic Normal Pressure Hydrocephalus. The Neuroradiology Journal, 2005, 18, 34-36. | 0.1 | 0 |
| 384 | Voxel based comparison of glucose metabolism in the differential diagnosis of the multiple system atrophy. , 2005, 5746, 685. | | 0 |
| 385 | Volume Changes in Gray Matter in First-Episode Neuroleptic-Naive Schizophrenic Patients Treated With Risperidone. Journal of Clinical Psychopharmacology, 2005, 25, 111-117. | 0.7 | 76 |
| 386 | Morphological study of cortical surfaces with principal component analysis. , 2005, , . | | 0 |
| 387 | Effects of Perfluorohexan Vapor on Gas Exchange, Respiratory Mechanics, and Lung Histology in Pigs with Lung Injury after Endotoxin Infusion. Anesthesiology, 2005, 103, 585-594. | 1.3 | 7 |
| 388 | CENTRAL NEURAL MECHANISMS UNDERLYING DISORDERED BREATHING AND CARDIOVASCULAR CONTROL DURING SLEEP. , 2005, , 371-386. | | 0 |
| 389 | Estimating intensity variance due to noise in registered images. , 2005, , . | | 1 |
| 390 | Magnetic Resonance Approaches to Brain Aging and Alzheimer Disease-associated Neuropathology. Topics in Magnetic Resonance Imaging, 2005, 16, 439-452. | 0.7 | 30 |
| 391 | Biomarkers for neurodegenerative diseases. Current Opinion in Neurology, 2005, 18, 698-705. | 1.8 | 74 |
| 392 | SystemicVersusTopical Clucocorticoid Therapy for Acute Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1055-1055. | 2.5 | 4 |
| 393 | An update on conventional and advanced magnetic resonance imaging techniques in the differential diagnosis of neurodegenerative parkinsonism. Current Opinion in Neurology, 2005, 18, 370-375. | 1.8 | 92 |
| 394 | Brain morphometry using diffusion-weighted magnetic resonance imaging: application to schizophrenia. NeuroReport, 2005, 16, 1455-1459. | 0.6 | 41 |
| 395 | Amygdala gray matter concentration is associated with extraversion and neuroticism. NeuroReport, 2005, 16, 1905-1908. | 0.6 | 202 |
| 396 | Structural brain changes in bipolar disorder using deformation field morphometry. NeuroReport, 2005, 16, 541-544. | 0.6 | 47 |
| 397 | A multilevel analysis of cognitive dysfunction and psychopathology associated with chromosome 22q11.2 deletion syndrome in children. Development and Psychopathology, 2005, 17, 753-84. | 1.4 | 73 |
| 398 | Evidence for white matter abnormalities in schizophrenia. Current Opinion in Psychiatry, 2005, 18, 121-134. | 3.1 | 121 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 399 | The Implications of Cortical Recruitment and Brain Morphology for Individual Differences in Inhibitory Function in Aging Humans Psychology and Aging, 2005, 20, 363-375. | 1.4 | 208 |
| 400 | Unbiased segmentation of diffusion-weighted magnetic resonance images of the brain using iterative clustering. Magnetic Resonance Imaging, 2005, 23, 877-885. | 1.0 | 29 |
| 401 | Comparison of voxel-based 3-D MRI analysis and subtraction ictal SPECT coregistered to MRI in focal epilepsy. Epilepsy Research, 2005, 65, 125-133. | 0.8 | 18 |
| 402 | Enhanced visualization of blurred gray–white matter junctions in focal cortical dysplasia by voxel-based 3D MRI analysis. Epilepsy Research, 2005, 67, 35-50. | 0.8 | 237 |
| 403 | Effects of Music Training on the Child's Brain and Cognitive Development. Annals of the New York Academy of Sciences, 2005, 1060, 219-230. | 1.8 | 287 |
| 404 | Structural brain variation, age, and response time. Cognitive, Affective and Behavioral Neuroscience, 2005, 5, 246-251. | 1.0 | 20 |
| 405 | Unified segmentation. Neurolmage, 2005, 26, 839-851. | 2.1 | 6,855 |
| 406 | Diffusion Tensor Imaging in Late Posttraumatic Epilepsy. Epilepsia, 2005, 46, 1465-1471. | 2.6 | 62 |
| 407 | Neuroimaging of Bipolar Disorder: Emphasis on Novel MRI Techniques. Epilepsia, 2005, 46, 14-18. | 2.6 | 7 |
| 408 | Putaminal gray matter volume decrease in panic disorder: an optimized voxel-based morphometry study. European Journal of Neuroscience, 2005, 22, 2089-2094. | 1.2 | 96 |
| 409 | Retinal abnormalities in human albinism translate into a reduction of grey matter in the occipital cortex. European Journal of Neuroscience, 2005, 22, 2475-2480. | 1.2 | 56 |
| 410 | Intellect declines in healthy elderly subjects and cerebellum. Psychiatry and Clinical Neurosciences, 2005, 59, 45-51. | 1.0 | 53 |
| 411 | Fronto-cerebellar loop and declines in the performance intelligence scale. Psychiatry and Clinical Neurosciences, 2005, 59, 748-748. | 1.0 | 0 |
| 412 | 5-HTTLPR polymorphism impacts human cingulate-amygdala interactions: a genetic susceptibility mechanism for depression. Nature Neuroscience, 2005, 8, 828-834. | 7.1 | 1,860 |
| 413 | Reproducibility and Accuracy of Quantitative Magnetic Resonance Imaging Techniques of Whole-Brain Atrophy Measurement in Multiple Sclerosis. Journal of Neuroimaging, 2005, 15, 27-36. | 1.0 | 26 |
| 414 | Male elderly subthreshold depression patients have smaller volume of medial part of prefrontal cortex and precentral gyrus compared with age-matched normal subjects: A voxel-based morphometry. Journal of Affective Disorders, 2005, 88, 313-320. | 2.0 | 112 |
| 415 | Maturation of medial temporal lobe response and connectivity during memory encoding. Cognitive Brain Research, 2005, 25, 379-385. | 3.3 | 114 |
| 416 | Early visual deprivation induces structural plasticity in gray and white matter. Current Biology, 2005, 15, R488-R490. | 1.8 | 167 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 417 | Identifying lesions on structural brain images—Validation of the method and application to neuropsychological patients. Brain and Language, 2005, 94, 167-177. | 0.8 | 58 |
| 418 | Gray matter alteration in dyslexia: converging evidence from volumetric and voxel-by-voxel MRI analyses. Neuropsychologia, 2005, 43, 324-331. | 0.7 | 68 |
| 419 | Dorsolateral prefrontal cortex contribution to abnormalities of the P300 component of the event-related potential in schizophrenia. Psychiatry Research - Neuroimaging, 2005, 140, 17-26. | 0.9 | 24 |
| 420 | A manual and automated MRI study of anterior cingulate and orbito-frontal cortices, and caudate nucleus in obsessive-compulsive disorder: comparison with healthy controls and patients with schizophrenia. Psychiatry Research - Neuroimaging, 2005, 138, 99-113. | 0.9 | 121 |
| 421 | Chronic active heavy drinking and family history of problem drinking modulate regional brain tissue volumes. Psychiatry Research - Neuroimaging, 2005, 138, 115-130. | 0.9 | 97 |
| 422 | Grey matter deficits and symptom profile in first episode schizophrenia. Psychiatry Research - Neuroimaging, 2005, 139, 229-238. | 0.9 | 65 |
| 423 | Regional white matter change in pre-symptomatic Huntington's disease: A diffusion tensor imaging study. Psychiatry Research - Neuroimaging, 2005, 140, 55-62. | 0.9 | 135 |
| 424 | Prefrontal abnormalities in patients with simple schizophrenia: Structural and functional brain-imaging studies in five cases. Psychiatry Research - Neuroimaging, 2005, 140, 157-171. | 0.9 | 26 |
| 425 | Mapping of temporal and parietal cortex in progressive nonfluent aphasia and Alzheimer's disease using chemical shift imaging, voxel-based morphometry and positron emission tomography. Psychiatry Research - Neuroimaging, 2005, 140, 115-131. | 0.9 | 43 |
| 426 | Prefrontal atrophy in first episodes of schizophrenia associated with limbic metabolic hyperactivity. Journal of Psychiatric Research, 2005, 39, 117-127. | 1.5 | 49 |
| 427 | Optic radiation changes after optic neuritis detected by tractography-based group mapping. Human Brain Mapping, 2005, 25, 308-316. | 1.9 | 114 |
| 428 | Using automated morphometry to detect associations between ERP latency and structural brain MRI in normal adults. Human Brain Mapping, 2005, 25, 317-327. | 1.9 | 39 |
| 429 | Voxel-based analysis of MRI detects abnormal visual cortex in children and adults with amblyopia. Human Brain Mapping, 2005, 25, 222-236. | 1.9 | 102 |
| 430 | Preservation of limbic and paralimbic structures in aging. Human Brain Mapping, 2005, 25, 391-401. | 1.9 | 253 |
| 431 | Age-related morphology trends of cortical sulci. Human Brain Mapping, 2005, 26, 210-220. | 1.9 | 188 |
| 432 | Quantifying medial temporal lobe damage in memory-impaired patients. Hippocampus, 2005, 15, 79-85. | 0.9 | 89 |
| 433 | Neuroanatomic deficits in congenital central hypoventilation syndrome. Journal of Comparative Neurology, 2005, 487, 361-371. | 0.9 | 83 |
| 434 | Cerebrospinal fluid profile in frontotemporal dementia and Alzheimer's disease. Annals of Neurology, 2005, 57, 721-729. | 2.8 | 217 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 435 | Comparison of gray matter and metabolic reduction in mild Alzheimer's disease using FDG-PET and voxel-based morphometric MR studies. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 959-963. | 3.3 | 81 |
| 437 | Relationship between exploratory eye movements and brain morphology in schizophrenia spectrum patients. European Archives of Psychiatry and Clinical Neuroscience, 2005, 255, 104-110. | 1.8 | 21 |
| 438 | Morphometry demonstrates loss of cortical thickness in cerebral microangiopathy. Journal of Neurology, 2005, 252, 441-447. | 1.8 | 24 |
| 439 | Effects of tissue heterogeneity on cerebral vascular response to acetazolamide stress measured by an I-123-IMP autoradiographic method with single-photon emission computed tomography. Annals of Nuclear Medicine, 2005, 19, 251-260. | 1.2 | 5 |
| 440 | Apparent CBF decrease with normal aging due to partial volume effects: MR-based partial volume correction on CBF SPECT. Annals of Nuclear Medicine, 2005, 19, 283-290. | 1.2 | 25 |
| 441 | Functional neuroimaging of primary headache disorders. Current Pain and Headache Reports, 2005, 9, 141-146. | 1.3 | 10 |
| 442 | Structural Analysis Applied to Epilepsy. , 2005, , 249-269. | | 2 |
| 443 | Structural and functional magnetic resonance imaging in neurodegenerative diseases. , 2005, , 253-289. | | 2 |
| 444 | Structural Brain Changes in Parkinson Disease With Dementia. Archives of Neurology, 2005, 62, 281. | 4.9 | 253 |
| 445 | Traumatic brain injury and grey matter concentration: a preliminary voxel based morphometry study. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 984-988. | 0.9 | 154 |
| 446 | A voxel-based morphometry study of patterns of brain atrophy in ALS and ALS/FTLD. Neurology, 2005, 65, 75-80. | 1.5 | 246 |
| 447 | Voxel-Based Morphometry of the Human Brain: Methods and Applications. Current Medical Imaging, 2005, 1, 105-113. | 0.4 | 701 |
| 448 | A prospective study of predictors of poststroke depression. Neurology, 2005, 64, 428-433. | 1.5 | 161 |
| 449 | Focal Decline of Cortical Thickness in Alzheimer's Disease Identified by Computational Neuroanatomy. Cerebral Cortex, 2005, 15, 995-1001. | 1.6 | 390 |
| 450 | Neural Correlates of Enhanced Genetic Risk for Schizophrenia. Neuroscientist, 2005, 11, 238-249. | 2.6 | 20 |
| 451 | Microglial imaging with positron emission tomography and atrophy measurements with magnetic resonance imaging in multiple sclerosis: a correlative study. Multiple Sclerosis Journal, 2005, 11, 127-134. | 1.4 | 108 |
| 452 | Progression of structural neuropathology in preclinical Huntington's disease: a tensor based morphometry study. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 650-655. | 0.9 | 163 |
| 453 | Mapping brains without coordinates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 751-766. | 1.8 | 124 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 454 | Thalamic Atrophy in Huntington's Disease Co-varies with Cognitive Performance: A Morphometric MRI Analysis. Cerebral Cortex, 2005, 15, 846-853. | 1.6 | 150 |
| 455 | Whole-Brain Morphometric Study of Schizophrenia Revealing a Spatially Complex Set of Focal Abnormalities. Archives of General Psychiatry, 2005, 62, 1218. | 13.8 | 242 |
| 456 | Effect of Leptin Replacement on Brain Structure in Genetically Leptin-Deficient Adults. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2851-2854. | 1.8 | 169 |
| 457 | Neurodegenerative Diseases with Associated White Matter Pathology. , 2005, , 377-388. | | 1 |
| 458 | Head Circumference and Brain and Hippocampal Volume after Severe Traumatic Brain Injury in Childhood. Pediatric Research, 2005, 58, 302-308. | 1.1 | 55 |
| 459 | Cross-sectional and Longitudinal Analyses of Anatomical Sulcal Changes Associated with Aging. Cerebral Cortex, 2005, 16, 1584-1594. | 1.6 | 92 |
| 460 | SystemicVersusTopical Glucocorticoid Therapy for Acute Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1055-1055. | 2.5 | 0 |
| 461 | Modeling Brain Responses. International Review of Neurobiology, 2005, 66, 89-124. | 0.9 | 21 |
| 462 | Voxelâ€Based Morphometric Analysis Using Shape Transformations. International Review of Neurobiology, 2005, 66, 125-146. | 0.9 | 6 |
| 463 | Different Effects of Typical and Atypical Antipsychotics on Grey Matter in First Episode Psychosis: the ÆSOP Study. Neuropsychopharmacology, 2005, 30, 765-774. | 2.8 | 243 |
| 464 | Where Are the Guidelines for the Treatment of Asthma with Panic Spectrum Symptoms?. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1055-1056. | 2.5 | 4 |
| 466 | Cerebral Structural Changes in Severe Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1185-1190. | 2.5 | 151 |
| 467 | Graphical-model-based morphometric analysis. IEEE Transactions on Medical Imaging, 2005, 24, 1237-1248. | 5.4 | 25 |
| 468 | A Template Effect Study on Voxel-Based Morphometry in Statistic Parametric Mapping. , 2005, 2005, 3051-4. | | 10 |
| 469 | Atypical Parkinsonian Disorders. , 2005, , . | | 10 |
| 471 | Diffusion MRI in multiple sclerosis. Neurology, 2005, 65, 1526-1532. | 1.5 | 252 |
| 472 | Regional Deficits in Brain Volume in Schizophrenia: A Meta-Analysis of Voxel-Based Morphometry Studies. American Journal of Psychiatry, 2005, 162, 2233-2245. | 4.0 | 1,082 |
| 473 | The Effects of Early Lead Exposure on the Brains of Adult Rhesus Monkeys: A Volumetric MRI Study. Toxicological Sciences, 2005, 85, 963-975. | 1.4 | 13 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 474 | Evaluating Spatial Normalization Methods for the Human Brain. , 2005, 2005, 5331-4. | | 2 |
| 475 | Atypical Neuropsychological Profile in a Boy with 22q11.2 Deletion Syndrome Keywords:. Child Neuropsychology, 2005, 11, 87-108. | 0.8 | 11 |
| 476 | NEURAL SYNCHRONY AND GRAY MATTER VARIATION IN HUMAN MALES AND FEMALES: AN INTEGRATION OF 40 HZ GAMMA SYNCHRONY AND MRI MEASURES. Journal of Integrative Neuroscience, 2005, 04, 77-93. | 0.8 | 7 |
| 477 | Frontotemporal Alterations in Pediatric Bipolar Disorder. Archives of General Psychiatry, 2005, 62, 734. | 13.8 | 240 |
| 478 | Neuroimaging in Obsessive-Compulsive Disorder. Current Medical Imaging, 2005, 1, 331-351. | 0.4 | 20 |
| 479 | Structural Covariance in the Human Cortex. Journal of Neuroscience, 2005, 25, 8303-8310. | 1.7 | 550 |
| 480 | Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12224-12229. | 3.3 | 320 |
| 481 | Differential Regional Atrophy of the Cingulate Gyrus in Alzheimer Disease: A Volumetric MRI Study. Cerebral Cortex, 2005, 16, 1701-1708. | 1.6 | 131 |
| 482 | Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder. British Journal of Psychiatry, 2005, 186, 369-377. | 1.7 | 206 |
| 483 | Differential Cortical Atrophy in Subgroups of Mild Cognitive Impairment. Archives of Neurology, 2005, 62, 1393. | 4.9 | 183 |
| 484 | Measurement of basal forebrain atrophy in Alzheimer's disease using MRI. Brain, 2005, 128, 2626-2644. | 3.7 | 213 |
| 485 | Model-Based Brain Tissue Classification. , 2005, , 1-55. | | 0 |
| 486 | Brain tissue damage in dementia with Lewy bodies: an in vivo diffusion tensor MRI study. Brain, 2005, 128, 1595-1604. | 3.7 | 101 |
| 487 | Clinical deficits correlate with regional cerebral atrophy in progressive supranuclear palsy. Brain, 2005, 128, 1259-1266. | 3.7 | 133 |
| 488 | Cerebral cortex thickness in 15-year-old adolescents with low birth weight measured by an automated MRI-based method. Brain, 2005, 128, 2588-2596. | 3.7 | 174 |
| 489 | Gray and white matter volume changes in early RRMS. Neurology, 2005, 64, 1001-1007. | 1.5 | 158 |
| 490 | Neuropsychologic functioning and structural MRI of the brain in patients with schizophrenia. Expert Review of Neurotherapeutics, 2005, 5, 85-94. | 1.4 | 5 |
| 491 | Models of Brain Function in Neuroimaging. Annual Review of Psychology, 2005, 56, 57-87. | 9.9 | 165 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 492 | Structural brain correlates of prepulse inhibition of the acoustic startle response in healthy humans. NeuroImage, 2005, 26, 1052-1058. | 2.1 | 85 |
| 493 | Anatomical Signatures of Dyslexia in Children: Unique Information from Manual and Voxel Based Morphometry Brain Measures. Cortex, 2005, 41, 304-315. | 1.1 | 134 |
| 494 | Altered brain tissue composition in heavy marijuana users. Drug and Alcohol Dependence, 2005, 77, 23-30. | 1.6 | 233 |
| 495 | Association between excessive frontal cerebrospinal fluid and illness duration in males but not in females with schizophrenia. European Psychiatry, 2005, 20, 332-338. | 0.1 | 9 |
| 496 | Cortical thickness analysis examined through power analysis and a population simulation. NeuroImage, 2005, 24, 163-173. | 2.1 | 657 |
| 497 | Structural neural correlates of prosaccade and antisaccade eye movements in healthy humans. NeuroImage, 2005, 24, 487-494. | 2.1 | 60 |
| 498 | ROC evaluation of statistical wavelet-based analysis of brain activation in [150]-H2O PET scans. NeuroImage, 2005, 24, 763-770. | 2.1 | 5 |
| 499 | Automatic analysis of cerebral asymmetry: an exploratory study of the relationship between brain torque and planum temporale asymmetry. NeuroImage, 2005, 24, 678-691. | 2.1 | 100 |
| 500 | Mapping brain structure and personality in late adulthood. NeuroImage, 2005, 24, 315-322. | 2.1 | 57 |
| 501 | Bilateral thalamic gray matter changes in patients with restless legs syndrome. NeuroImage, 2005, 24, 1242-1247. | 2.1 | 117 |
| 502 | Verbal episodic memory impairment in Alzheimer's disease: a combined structural and functional MRI study. NeuroImage, 2005, 25, 253-266. | 2.1 | 177 |
| 503 | The neuroanatomy of general intelligence: sex matters. NeuroImage, 2005, 25, 320-327. | 2.1 | 354 |
| 504 | Atlas-guided non-uniform attenuation correction in cerebral 3D PET imaging. NeuroImage, 2005, 25, 278-286. | 2.1 | 74 |
| 505 | Voxel-based analysis of multiple-system atrophy of cerebellar type: complementary results by combining voxel-based morphometry and voxel-based relaxometry. NeuroImage, 2005, 25, 287-293. | 2.1 | 58 |
| 506 | Association between lower P300 amplitude and smaller anterior cingulate cortex volume in patients with posttraumatic stress disorder: a study of victims of Tokyo subway sarin attack. NeuroImage, 2005, 25, 43-50. | 2.1 | 68 |
| 507 | Voxel-based morphometry of the thalamus in patients with refractory medial temporal lobe epilepsy. NeuroImage, 2005, 25, 1016-1021. | 2.1 | 118 |
| 508 | Cortical thickness analysis in autism with heat kernel smoothing. NeuroImage, 2005, 25, 1256-1265. | 2.1 | 313 |
| 509 | Grey matter changes over time in high risk subjects developing schizophrenia. Neurolmage, 2005, 25, 1023-1030. | 2.1 | 282 |

ARTICLE IF CITATIONS # Linking retinotopic fMRI mapping and anatomical probability maps of human occipital areas V1 and V2. 510 2.1 69 NeuroImage, 2005, 26, 73-82. Focal brain matter differences associated with lifetime alcohol intake and visual attention in male 511 2.1 38 but not in female non-alcohol-dependent drinkers. NeuroImage, 2005, 26, 536-545. Comparison of different methodological implementations of voxel-based morphometry in 512 2.1 169 neurodegenerative disease. NeuroImage, 2005, 26, 600-608. Mapping cortical gray matter in the young adult brain: Effects of gender. NeuroImage, 2005, 26, 493-501. 189 The effect of filter size on VBM analyses of DT-MRI data. NeuroImage, 2005, 26, 546-554. 514 2.1 549 Estimating intensity variance due to noise in registered images: Applications to diffusion tensor MRI. NeuroImage, 2005, 26, 673-684. 2.1 44 516 Gray matter volume reduction in the chronic fatigue syndrome. NeuroImage, 2005, 26, 777-781. 2.1 146 The relationship between whole brain volume and disability in multiple sclerosis: A comparison of 2.1 161 normalized gray vs. white matter with misclassification correction. NeuroImage, 2005, 26, 1068-1077. DTI and MTR abnormalities in schizophrenia: Analysis of white matter integrity. NeuroImage, 2005, 26, 518 2.1 399 1109-1118. Empirical comparison of maximal voxel and non-isotropic adjusted cluster extent results in a voxel-based morphometry study of comorbid learning disability with schizophrenia. NeuroImage, 2005, 2.1 28, 544-552. Using voxel-based morphometry to map the structural changes associated with rapid conversion in 520 481 2.1 MCI: A longitudinal MRI study. NeuroImage, 2005, 27, 934-946. Ventricular enlargement in schizophrenia is associated with a genetic polymorphism at the 2.1 interleukin-1 receptor antagonist gene. NeuroImage, 2005, 27, 1002-1006. Segmentation of subcortical brain structures using fuzzy templates. NeuroImage, 2005, 28, 915-924. 522 2.1 58 Development of attentional networks: An fMRI study with children and adults. NeuroImage, 2005, 28, 2.1 429-439. Brain abnormalities underlying altered activation in dyslexia: a voxel based morphometry study. Brain, 524 218 3.7 2005, 128, 2453-2461. Characterization of brain plasticity in schizophrenia using template deformation 1. Academic Radiology, 2005, 12, 3-9. Mapping Cortical Thickness and Gray Matter Concentration in First Episode Schizophrenia. Cerebral 526 370 1.6 Cortex, 2005, 15, 708-719. The Role of Quantitative Structural Imaging in the Early Diagnosis of Alzheimer's DiseaseQ4. Neuroimaging Clinics of North America, 2005, 15, 803-826.

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 528 | Structural Neuroimaging in Adolescents With a First Psychotic Episode. Journal of the American Academy of Child and Adolescent Psychiatry, 2005, 44, 1151-1157. | 0.3 | 37 |
| 529 | Volumetric, connective, and morphologic changes in the brains of children with chromosome 22q11.2 deletion syndrome: an integrative study. NeuroImage, 2005, 25, 169-180. | 2.1 | 179 |
| 530 | Neuroimaging Services on the Net. , 0, , . | | 3 |
| 531 | Global brain atrophy and corticospinal tract alterations in ALS, as investigated by voxelâ€based morphometry of 3â€D MRI. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 213-220. | 2.3 | 160 |
| 532 | Brain imaging in drug R&D. Biomarkers, 2005, 10, 58-68. | 0.9 | 59 |
| 533 | Developmental Changes in Mental Arithmetic: Evidence for Increased Functional Specialization in the Left Inferior Parietal Cortex. Cerebral Cortex, 2005, 15, 1779-1790. | 1.6 | 525 |
| 534 | A voxel based morphometry study on mild cognitive impairment. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 11-14. | 0.9 | 196 |
| 535 | Validation of an accelerated â€~demons' algorithm for deformable image registration in radiation therapy. Physics in Medicine and Biology, 2005, 50, 2887-2905. | 1.6 | 537 |
| 536 | Neuroanatomical correlates of behavioural disorders in dementia. Brain, 2005, 128, 2612-2625. | 3.7 | 447 |
| 537 | Voxel-based morphometry to discriminate early Alzheimer's disease from controls. Neuroscience Letters, 2005, 382, 269-274. | 1.0 | 303 |
| 538 | Cerebral glucose metabolism in corticobasal degeneration comparison with progressive supranuclear palsy using statistical mapping analysis. Neuroscience Letters, 2005, 383, 22-27. | 1.0 | 53 |
| 539 | Relationship between regional cerebral blood flow and separate symptom clusters of major depression: A single photon emission computed tomography study using statistical parametric mapping. Neuroscience Letters, 2005, 384, 265-270. | 1.0 | 89 |
| 540 | Global and regional gray matter reductions in ADHD: A voxel-based morphometric study. Neuroscience Letters, 2005, 389, 88-93. | 1.0 | 241 |
| 541 | Voxel based comparison of glucose metabolism in the differential diagnosis of the multiple system atrophy using statistical parametric mapping. Neuroscience Research, 2005, 52, 211-219. | 1.0 | 43 |
| 542 | Are there pre-existing neural, cognitive, or motoric markers for musical ability?. Brain and Cognition, 2005, 59, 124-134. | 0.8 | 167 |
| 543 | Optimized voxel-based morphometry of gray matter volume in first-episode, antipsychotic-naÃ ⁻ ve schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 587-591. | 2.5 | 90 |
| 544 | Mapping brain maturation and cognitive development during adolescence. Trends in Cognitive Sciences, 2005, 9, 60-68. | 4.0 | 1,079 |
| 545 | Frontotemporal dementia as a neural system disease. Neurobiology of Aging, 2005, 26, 37-44. | 1.5 | 126 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 546 | Selective sparing of brain tissue in postmenopausal women receiving hormone replacement therapy. Neurobiology of Aging, 2005, 26, 1205-1213. | 1.5 | 102 |
| 547 | Methods for studying the aging brain: Volumetric analyses versus VBM. Neurobiology of Aging, 2005, 26, 1275-1278. | 1.5 | 157 |
| 548 | Voxel-based morphometry in narcolepsy. Sleep Medicine, 2005, 6, 531-536. | 0.8 | 76 |
| 549 | In search for the missing neurons in narcoleptic patients. Sleep Medicine, 2005, 6, 483-484. | 0.8 | 0 |
| 550 | Neuroimaging biomarkers for clinical trials of disease-modifying therapies in Alzheimer's disease. NeuroRx, 2005, 2, 348-360. | 6.0 | 138 |
| 551 | GENETICS OF BRAIN STRUCTURE AND INTELLIGENCE. Annual Review of Neuroscience, 2005, 28, 1-23. | 5.0 | 304 |
| 552 | Selective reduction in amygdala volume in pediatric anxiety disorders: A voxel-based morphometry investigation. Biological Psychiatry, 2005, 57, 961-966. | 0.7 | 183 |
| 553 | Changes in Gray Matter Volume in Patients with Bipolar Disorder. Biological Psychiatry, 2005, 58, 151-157. | 0.7 | 156 |
| 554 | Regional Gray Matter Abnormalities in Obsessive-Compulsive Disorder: A Voxel-Based Morphometry Study. Biological Psychiatry, 2005, 58, 479-487. | 0.7 | 197 |
| 555 | Diagnosis-Related Regional Gray Matter Loss Over Two Years in First Episode Schizophrenia and Bipolar Disorder. Biological Psychiatry, 2005, 58, 713-723. | 0.7 | 208 |
| 556 | The Relationship of Structural Alterations to Cognitive Deficits in Schizophrenia: A Voxel-Based Morphometry Study. Biological Psychiatry, 2005, 58, 457-467. | 0.7 | 164 |
| 557 | Voxel-based morphometry versus region of interest: a comparison of two methods for analyzing gray matter differences in schizophrenia. Schizophrenia Research, 2005, 74, 135-147. | 1.1 | 235 |
| 558 | Premorbid indicators and risk for schizophrenia: A selective review and update. Schizophrenia Research, 2005, 79, 45-57. | 1.1 | 124 |
| 559 | Increase in gray matter and decrease in white matter volumes in the cortex during treatment with atypical neuroleptics in schizophrenia. Schizophrenia Research, 2005, 80, 61-71. | 1.1 | 99 |
| 560 | Executive dysfunction in early stages of Huntington's disease is associated with striatal and insular atrophy: A neuropsychological and voxel-based morphometric study. Journal of the Neurological Sciences, 2005, 239, 11-19. | 0.3 | 166 |
| 561 | Brain Magnetic Resonance Spectroscopy in Tourette's Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2005, 44, 1301-1308. | 0.3 | 21 |
| 563 | Classification of Structural Images via High-Dimensional Image Warping, Robust Feature Extraction, and SVM. Lecture Notes in Computer Science, 2005, 8, 1-8. | 1.0 | 101 |
| 564 | Comparison and validation of tissue modelization and statistical classification methods in T1-weighted MR brain images. IEEE Transactions on Medical Imaging, 2005, 24, 1548-1565. | 5.4 | 335 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 565 | Amyotrophic Lateral Sclerosis: New Developments in Diagnostic Markers. Neurodegenerative Diseases, 2005, 2, 177-184. | 0.8 | 28 |
| 566 | Association between microscopic brain damage as indicated by magnetization transfer imaging and anticardiolipin antibodies in neuropsychiatric lupus. Arthritis Research and Therapy, 2006, 8, R38. | 1.6 | 43 |
| 567 | Phenomenological Model of Diffuse Global and Regional Atrophy Using Finite-Element Methods. IEEE Transactions on Medical Imaging, 2006, 25, 1417-1430. | 5.4 | 32 |
| 568 | NAA and Higher Cognitive Function in Humans. , 2006, 576, 215-226. | | 7 |
| 569 | Asymmetries of the planum temporale and Heschl's gyrus: relationship to language lateralization. Brain, 2006, 129, 1164-1176. | 3.7 | 215 |
| 570 | Common Kibra Alleles Are Associated with Human Memory Performance. Science, 2006, 314, 475-478. | 6.0 | 391 |
| 571 | Noninvasive Brain Imaging for Experimental Medicine in Drug Discovery and Development. Pharmaceutical Medicine, 2006, 20, 167-175. | 0.4 | 1 |
| 572 | Functional neuroimaging of primary headache disorders. Expert Review of Neurotherapeutics, 2006, 6, 1159-1171. | 1.4 | 30 |
| 573 | STATISTICAL ANALYSIS OF MORPHOLOGICAL DIFFERENCES BETWEEN BRAINS. International Journal of Neuroscience, 2006, 116, 407-418. | 0.8 | 7 |
| 574 | MRI Brain Extraction with Combined Expectation Maximization and Geodesic Active Contours. , 2006, , . | | 17 |
| 575 | Measurement of Relative Brain Atrophy in Neurodegenerative Diseases. , 2006, , . | | 0 |
| 577 | Semantic dementia and fluent primary progressive aphasia: two sides of the same coin?. Brain, 2006, 129, 3066-3080. | 3.7 | 208 |
| 578 | A Joint Transformation and Residual Image Descriptor for Morphometric Image Analysis using an Equivalence Class Formulation. , 0, , . | | 3 |
| 579 | Sex Differences in Neural Mechanisms Underlying Implicit Symmetry Processing. Cortex, 2006, 42, 963-969. | 1.1 | 2 |
| 580 | In vivo flow territory mapping of major brain feeding arteries. NeuroImage, 2006, 29, 136-144. | 2.1 | 100 |
| 581 | Individual voxel-based analysis of gray matter in focal cortical dysplasia. NeuroImage, 2006, 29, 162-171. | 2.1 | 120 |
| 582 | Application of an automated voxel-based morphometry technique to assess regional gray and white matter brain atrophy in a canine model of aging. NeuroImage, 2006, 29, 234-244. | 2.1 | 56 |
| 583 | MR-based neurological disease classification methodology: Application to lateralization of seizure focus in temporal lobe epilepsy. NeuroImage, 2006, 29, 557-566. | 2.1 | 24 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 584 | Semi-automatic brain region extraction (SABRE) reveals superior cortical and deep gray matter atrophy in MS. NeuroImage, 2006, 29, 505-514. | 2.1 | 63 |
| 585 | Improvement of the image quality of T1-weighted anatomical brain scans. NeuroImage, 2006, 29, 930-937. | 2.1 | 31 |
| 586 | Handedness and cerebral anatomical asymmetries in young adult males. NeuroImage, 2006, 29, 1066-1079. | 2.1 | 187 |
| 587 | Grey matter loss in relapsing–remitting multiple sclerosis: A voxel-based morphometry study. NeuroImage, 2006, 29, 859-867. | 2.1 | 167 |
| 588 | White matter abnormalities in autism detected through transverse relaxation time imaging. NeuroImage, 2006, 29, 1049-1057. | 2.1 | 68 |
| 589 | Gray matter reduction is correlated with white matter hyperintensity volume: A voxel-based morphometric study in a large epidemiological sample. NeuroImage, 2006, 29, 1031-1039. | 2.1 | 112 |
| 590 | Fully-automated detection of cerebral water content changes: Study of age- and gender-related H2O patterns with quantitative MRI. NeuroImage, 2006, 29, 910-922. | 2.1 | 119 |
| 591 | Functional localization in the human cerebellum based on voxelwise statistical analysis: A study of 90 patients. NeuroImage, 2006, 30, 36-51. | 2.1 | 167 |
| 592 | Cortical abnormalities in bipolar disorder investigated with MRI and voxel-based morphometry. NeuroImage, 2006, 30, 485-497. | 2.1 | 191 |
| 593 | Parieto-occipital grey matter abnormalities in children with Williams syndrome. NeuroImage, 2006, 30, 721-725. | 2.1 | 71 |
| 594 | A non-parametric approach for co-analysis of multi-modal brain imaging data: Application to Alzheimer's disease. NeuroImage, 2006, 30, 768-779. | 2.1 | 45 |
| 595 | Statistical parametric mapping of brain morphology: Sensitivity is dramatically increased by using brain-extracted images as inputs. NeuroImage, 2006, 30, 1187-1195. | 2.1 | 56 |
| 596 | Increased water diffusivity in the frontal and temporal cortices of schizophrenic patients. NeuroImage, 2006, 30, 1285-1291. | 2.1 | 62 |
| 597 | Imaging the neocortex in epilepsy with double inversion recovery imaging. NeuroImage, 2006, 31, 39-50. | 2.1 | 60 |
| 598 | Gender difference analysis of cortical thickness in healthy young adults with surface-based methods. NeuroImage, 2006, 31, 31-38. | 2.1 | 282 |
| 599 | Improvement-related functional plasticity following pitch memory training. NeuroImage, 2006, 31, 255-263. | 2.1 | 102 |
| 600 | Longitudinal stability of MRI for mapping brain change using tensor-based morphometry. NeuroImage, 2006, 31, 627-640. | 2.1 | 198 |
| 601 | Gray and white matter density changes in monozygotic and same-sex dizygotic twins discordant for schizophrenia using voxel-based morphometry. NeuroImage, 2006, 31, 482-488. | 2.1 | 100 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 602 | Higher blood pressure predicts lower regional grey matter volume: Consequences on short-term information processing. NeuroImage, 2006, 31, 754-765. | 2.1 | 117 |
| 603 | Distributed brain sites for the g-factor of intelligence. NeuroImage, 2006, 31, 1359-1365. | 2.1 | 269 |
| 604 | Decrease of thalamic gray matter following limb amputation. NeuroImage, 2006, 31, 951-957. | 2.1 | 172 |
| 605 | Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI. NeuroImage, 2006, 31, 993-1003. | 2.1 | 508 |
| 606 | Brain abnormalities in human obesity: A voxel-based morphometric study. NeuroImage, 2006, 31, 1419-1425. | 2.1 | 459 |
| 607 | Tract-based spatial statistics: Voxelwise analysis of multi-subject diffusion data. NeuroImage, 2006, 31, 1487-1505. | 2.1 | 5,755 |
| 608 | Automated computation of the Gyrification Index in prefrontal lobes: Methods and comparison with manual implementation. NeuroImage, 2006, 31, 1560-1566. | 2.1 | 43 |
| 609 | Abnormal deep grey matter development following preterm birth detected using deformation-based morphometry. NeuroImage, 2006, 32, 70-78. | 2.1 | 220 |
| 610 | Progressive grey matter atrophy over the first 2–3 years of illness in first-episode schizophrenia: A tensor-based morphometry study. NeuroImage, 2006, 32, 511-519. | 2.1 | 151 |
| 611 | Voxel-based morphometry in patients with idiopathic generalized epilepsies. NeuroImage, 2006, 32, 498-502. | 2.1 | 152 |
| 612 | Human cerebral cortex: A system for the integration of volume- and surface-based representations. NeuroImage, 2006, 33, 139-153. | 2.1 | 66 |
| 613 | Modifications of brain tissue volumes in facioscapulohumeral dystrophy. NeuroImage, 2006, 32, 1237-1242. | 2.1 | 26 |
| 614 | White matter volume and concentration reductions in adolescents with history of very preterm birth: A voxel-based morphometry study. NeuroImage, 2006, 32, 1485-1498. | 2.1 | 57 |
| 615 | Comparative assessment of statistical brain MR image segmentation algorithms and their impact on partial volume correction in PET. NeuroImage, 2006, 32, 1591-1607. | 2.1 | 90 |
| 616 | Distribution of grey matter atrophy in Huntington's disease patients: A combined ROI-based and voxel-based morphometric study. NeuroImage, 2006, 32, 1562-1575. | 2.1 | 228 |
| 617 | Four subgroups of Alzheimer's disease based on patterns of atrophy using VBM and a unique pattern for early onset disease. NeuroImage, 2006, 33, 17-26. | 2.1 | 138 |
| 618 | Brain atrophy in long-term abstinent alcoholics who demonstrate impairment on a simulated gambling task. Neurolmage, 2006, 32, 1465-1471. | 2.1 | 92 |
| 619 | Brain–behaviour relationships in people at high genetic risk of schizophrenia. NeuroImage, 2006, 33, 275-285. | 2.1 | 30 |

| ~ | | | ~ | | |
|----|-----|-----|----|------|----|
| CT | ΓΑΤ | ION | RE | PO P | RT |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 620 | Structural correlates of intellectual impairment and autistic features in adolescents. NeuroImage, 2006, 33, 1136-1144. | 2.1 | 50 |
| 621 | Structural MRI discriminates individuals with Mild Cognitive Impairment from age-matched controls: A combined neuropsychological and voxel based morphometry study. , 2006, 2, ALZJJALZ200606001. | | 39 |
| 622 | Acquisition-Related Morphological Variability in Structural MRI. Academic Radiology, 2006, 13, 1055-1061. | 1.3 | 34 |
| 623 | Spatial and Temporal Characteristics of Physiological Noise in fMRI at 3T. Academic Radiology, 2006, 13, 313-323. | 1.3 | 12 |
| 624 | Clinicopathological and imaging correlates of progressive aphasia and apraxia of speech. Brain, 2006, 129, 1385-1398. | 3.7 | 624 |
| 625 | Diffusion tensor imaging in chronic head injury survivors: correlations with learning and memory indices. NeuroImage, 2006, 29, 117-124. | 2.1 | 168 |
| 626 | The Relationship Between Frontal Gray Matter Volume and Cognition Varies Across the Healthy Adult Lifespan. American Journal of Geriatric Psychiatry, 2006, 14, 823-833. | 0.6 | 170 |
| 627 | Temporal and Spatial Dynamics of Brain Structure Changes during Extensive Learning. Journal of Neuroscience, 2006, 26, 6314-6317. | 1.7 | 681 |
| 628 | Generalized Overlap Measures for Evaluation and Validation in Medical Image Analysis. IEEE Transactions on Medical Imaging, 2006, 25, 1451-1461. | 5.4 | 583 |
| 629 | Structural brain correlates of IQ changes in bipolar disorder. Psychological Medicine, 2006, 36, 609. | 2.7 | 32 |
| 630 | Neuroimaging Techniques: a Conceptual Overview of Physical Principles, Contribution and History. AIP Conference Proceedings, 2006, , . | 0.3 | 0 |
| 631 | In Vivo Characterization of Traumatic Brain Injury Neuropathology with Structural and Functional Neuroimaging. Journal of Neurotrauma, 2006, 23, 1396-1411. | 1.7 | 83 |
| 632 | Neural Correlates of Executive Function in Autistic Spectrum Disorders. Biological Psychiatry, 2006, 59, 7-16. | 0.7 | 302 |
| 633 | Influence of X Chromosome and Hormones on Human Brain Development: A Magnetic Resonance Imaging and Proton Magnetic Resonance Spectroscopy Study of Turner Syndrome. Biological Psychiatry, 2006, 59, 273-283. | 0.7 | 124 |
| 634 | A Magnetization Transfer Imaging Study in Patients with Temporal Lobe Epilepsy and Interictal Psychosis. Biological Psychiatry, 2006, 59, 560-567. | 0.7 | 30 |
| 635 | Prefrontal Cortex and Amygdala Volume in First Minor or Major Depressive Episode After Cancer Diagnosis. Biological Psychiatry, 2006, 59, 707-712. | 0.7 | 37 |
| 636 | Early Life Stress and Morphometry of the Adult Anterior Cingulate Cortex and Caudate Nuclei. Biological Psychiatry, 2006, 59, 975-982. | 0.7 | 386 |
| 637 | Regional White Matter and Neuropsychological Functioning across the Adult Lifespan. Biological Psychiatry, 2006, 60, 444-453. | 0.7 | 147 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 638 | Neuroendocrine, Cognitive and Structural Imaging Characteristics of Women on Longterm Sickleave with Job Stress–Induced Depression. Biological Psychiatry, 2006, 60, 867-873. | 0.7 | 140 |
| 639 | Risperidone in first-episode psychosis: A longitudinal, exploratory voxel-based morphometric study. Schizophrenia Research, 2006, 82, 89-94. | 1.1 | 49 |
| 640 | Gray matter abnormalities associated with duration of untreated psychosis. Schizophrenia Research, 2006, 83, 145-153. | 1.1 | 89 |
| 641 | A volumetric MRI and magnetization transfer imaging follow-up study of patients with first-episode schizophrenia. Schizophrenia Research, 2006, 87, 100-108. | 1.1 | 38 |
| 642 | Method to correct intensity inhomogeneity in MR images for atherosclerosis characterization. IEEE Transactions on Medical Imaging, 2006, 25, 539-552. | 5.4 | 63 |
| 643 | The Neural Substrates of Motor Recovery After Focal Damage to the Central Nervous System. Archives of Physical Medicine and Rehabilitation, 2006, 87, 30-35. | 0.5 | 64 |
| 644 | The Val66Met polymorphism of the brain-derived neurotrophic factor gene affects age-related brain morphology. Neuroscience Letters, 2006, 397, 25-29. | 1.0 | 123 |
| 645 | The COMT val158met polymorphism and brain morphometry in healthy young adults. Neuroscience Letters, 2006, 405, 34-39. | 1.0 | 71 |
| 646 | Dissociation of grey and white matter reduction in spinocerebellar ataxia type 3 and 6: A voxel-based morphometry study. Neuroscience Letters, 2006, 408, 230-235. | 1.0 | 81 |
| 647 | Finding the g-factor in brain structure using the method of correlated vectors. Intelligence, 2006, 34, 561-570. | 1.6 | 43 |
| 648 | Affective components and intensity of pain correlate with structural differences in gray matter in chronic back pain patients. Pain, 2006, 125, 89-97. | 2.0 | 358 |
| 649 | Genetically predisposed offspring with schizotypal features: An ultra high-risk group for schizophrenia?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 230-238. | 2.5 | 72 |
| 650 | Magnetic Resonance Imaging and Magnetic Resonance Spectroscopy Study of Deficits in Hippocampal Structure in Fire Victims with Recent-Onset Posttraumatic Stress Disorder. Canadian Journal of Psychiatry, 2006, 51, 431-437. | 0.9 | 56 |
| 651 | Genetic Association and Brain Morphology Studies and the Chromosome 8p22 Pericentriolar Material 1 (PCM1) Gene in Susceptibility to Schizophrenia. Archives of General Psychiatry, 2006, 63, 844. | 13.8 | 82 |
| 652 | Voxel-based morphometry in Alzheimer's patients. Journal of Alzheimer's Disease, 2006, 10, 445-447. | 1.2 | 13 |
| 653 | Relationship of cognitive measures and gray and white matter in Alzheimer's disease. Journal of Alzheimer's Disease, 2006, 9, 253-260. | 1.2 | 73 |
| 655 | Contributions of Cognitive Neuroscience to the Understanding of Behavior and Aging. , 2006, , 57-83. | | 18 |
| 656 | A Review on MR Image Intensity Inhomogeneity Correction. International Journal of Biomedical Imaging, 2006, 2006, 1-11. | 3.0 | 154 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 657 | A Review of Neuroimaging in Obstructive Sleep Apnea. Journal of Clinical Sleep Medicine, 2006, 02, 461-471. | 1.4 | 114 |
| 659 | Imaging Genetics and Psychiatry. Focus (American Psychiatric Publishing), 2006, 4, 327-338. | 0.4 | 5 |
| 660 | Visual Hallucinations in Posterior Cortical Atrophy. Archives of Neurology, 2006, 63, 1427. | 4.9 | 70 |
| 661 | THE COMPARISON OF BRAIN STRUCTURE BETWEEN EXERCISED AND NON-EXERCISED STUDENTS. , 2006, , . | | 0 |
| 662 | Frontotemporal Lobar Degeneration Without Lobar Atrophy. Archives of Neurology, 2006, 63, 1632. | 4.9 | 52 |
| 663 | Smaller Neocortical Gray Matter and Larger Sulcal Cerebrospinal Fluid Volumes in Neuroleptic-Naive Women With Schizotypal Personality Disorder. Archives of General Psychiatry, 2006, 63, 1090. | 13.8 | 36 |
| 664 | Analysis of brain images using the 3D-CSC segmentation method. , 2006, 6144, 1303. | | 1 |
| 665 | Music and brain plasticity. European Review, 2006, 14, 49-64. | 0.4 | 15 |
| 666 | Normalization of Functional Magnetic Resonance Images by Classified Cerebrospinal Fluid Cluster. , 2006, , . | | 2 |
| 667 | Combining voxel-based morphometry and diffusion tensor imaging to detect age-related brain changes. NeuroReport, 2006, 17, 467-470. | 0.6 | 51 |
| 668 | Lack of Ventral Striatal Response to Positive Stimuli in Depressed Versus Normal Subjects. American Journal of Psychiatry, 2006, 163, 1784-1790. | 4.0 | 424 |
| 669 | Increased brainstem volume in panic disorder: a voxel-based morphometric study. NeuroReport, 2006, 17, 361-363. | 0.6 | 104 |
| 670 | Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956. | 0.6 | 74 |
| 671 | Intratask and intertask asymmetry analysis of motor function. NeuroReport, 2006, 17, 1143-1147. | 0.6 | 13 |
| 672 | Regional gray matter abnormalities in patients with schizophrenia determined with optimized voxel-based morphometry. , 2006, , . | | 1 |
| 673 | Advances in Magnetic Resonance Imaging Methods for the Evaluation of Bipolar Disorder. CNS Spectrums, 2006, 11, 269-286. | 0.7 | 11 |
| 674 | Functional neuroimaging. , 2006, , 56-68. | | 1 |
| 675 | Regional cerebral cortical thinning in bipolar disorder. Bipolar Disorders, 2006, 8, 65-74. | 1.1 | 266 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 676 | Smoking and structural brain deficits: a volumetric MR investigation. European Journal of Neuroscience, 2006, 24, 1744-1750. | 1.2 | 305 |
| 677 | Thalamic Atrophy in Childhood Absence Epilepsy. Epilepsia, 2006, 47, 399-405. | 2.6 | 94 |
| 678 | Voxel-based Optimized Morphometry (VBM) of Gray and White Matter in Temporal Lobe Epilepsy (TLE) with and without Mesial Temporal Sclerosis. Epilepsia, 2006, 47, 900-907. | 2.6 | 141 |
| 679 | MRI Volumetry and Proton MR Spectroscopy of the Brain in Lafora Disease. Epilepsia, 2006, 47, 788-792. | 2.6 | 37 |
| 680 | Both Global Gray Matter Volume and Regional Gray Matter Volume Negatively Correlate with Lifetime Alcohol Intake in Non-Alcohol-Dependent Japanese Men: A Volumetric Analysis and a Voxel-Based Morphometry. Alcoholism: Clinical and Experimental Research, 2006, 30, 1045-1050. | 1.4 | 72 |
| 681 | Measurement of Cortical Thickness in 3D Brain MRI Data: Validation of the Laplacian Method. Journal of Neuroimaging, 2006, 16, 146-153. | 1.0 | 44 |
| 682 | Mapping the Relative Contribution of Gray Matter Activity vs. Volume in Brain PET: A New Approach. Journal of Neuroimaging, 2006, 16, 224-235. | 1.0 | 4 |
| 683 | Exploiting human anatomical variability as a link between genome and cognome. Genes, Brain and Behavior, 2006, 5, 64-77. | 1.1 | 96 |
| 684 | Brain T1 intensity changes after levodopa administration in healthy subjects: a voxel-based morphometry study. British Journal of Clinical Pharmacology, 2006, 62, 546-551. | 1.1 | 36 |
| 685 | Towards multimodal atlases of the human brain. Nature Reviews Neuroscience, 2006, 7, 952-966. | 4.9 | 261 |
| 686 | Neuropathological, neurogenetic and neuroimaging evidence for white matter pathology in schizophrenia. Neuroscience and Biobehavioral Reviews, 2006, 30, 918-948. | 2.9 | 124 |
| 687 | A meta-analysis of structural brain abnormalities in PTSD. Neuroscience and Biobehavioral Reviews, 2006, 30, 1004-1031. | 2.9 | 788 |
| 688 | Lagrangian frame diffeomorphic image registration: Morphometric comparison of human and chimpanzee cortex. Medical Image Analysis, 2006, 10, 397-412. | 7.0 | 135 |
| 689 | Increased thalamus levels of glutamate and glutamine (Clx) in patients with idiopathic generalised epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 489-494. | 0.9 | 80 |
| 690 | Neuroanatomy of Down Syndrome in vivo: A Model of Preclinical Alzheimer's Disease. Behavior Genetics, 2006, 36, 405-415. | 1.4 | 131 |
| 691 | Dorsolateral prefrontal and superior temporal volume deficits in first–episode psychoses that evolve into schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2006, 256, 106-111. | 1.8 | 25 |
| 692 | Hippocampal atrophy in temporal lobe epilepsy is correlated with limbic systems atrophy. Journal of Neurology, 2006, 253, 294-300. | 1.8 | 41 |
| 693 | Localization of grey matter atrophy in early RRMS. Journal of Neurology, 2006, 253, 1495-1501. | 1.8 | 102 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 694 | A review of diagnostic and functional imaging in headache. Journal of Headache and Pain, 2006, 7, 174-184. | 2.5 | 65 |
| 695 | Comparison of the diagnostic performance of FDC-PET and VBM-MRI in very mild Alzheimer's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 801-809. | 3.3 | 103 |
| 696 | Assessment of Global Hemodynamic Alterations in Patients after Subarachnoid Hemorrhage Using Perfusion MRI. Klinische Neuroradiologie, 2006, 16, 171-177. | 0.9 | 0 |
| 697 | Voxel-based morphometry demonstrates reduced grey matter density on brain MRI in patients with diabetic retinopathy. Diabetologia, 2006, 49, 2474-2480. | 2.9 | 156 |
| 698 | Prefrontal and temporal gray matter density decreases in opiate dependence. Psychopharmacology, 2006, 184, 139-144. | 1.5 | 166 |
| 699 | Neuroimaging research in human MDMA users: a review. Psychopharmacology, 2006, 189, 539-556. | 1.5 | 78 |
| 700 | Statistical representation of high-dimensional deformation fields with application to statistically constrained 3D warping. Medical Image Analysis, 2006, 10, 740-751. | 7.0 | 80 |
| 701 | The imaging appearance of Creutzfeldt–Jakob disease caused by the E200K mutation. Magnetic Resonance Imaging, 2006, 24, 1121-1129. | 1.0 | 28 |
| 702 | Advances in white matter imaging: A review of in vivo magnetic resonance methodologies and their applicability to the study of development and aging. Neuroscience and Biobehavioral Reviews, 2006, 30, 762-774. | 2.9 | 241 |
| 703 | Automatic volumetric measurement of segmented brain structures on magnetic resonance imaging. Radiation Medicine, 2006, 24, 422-430. | 0.8 | 21 |
| 704 | Database of normal human cerebral blood flow measured by SPECT: I. Comparison between I-123-IMP, Tc-99m-HMPAO, and Tc-99m-ECD as referred with O-15 labeled water PET and voxel-based morphometry. Annals of Nuclear Medicine, 2006, 20, 131-138. | 1.2 | 68 |
| 705 | Database of normal human cerebral blood flow measured by SPECT: II. Quantification of I-123-IMP studies with ARG method and effects of partial volume correction. Annals of Nuclear Medicine, 2006, 20, 139-146. | 1.2 | 7 |
| 706 | From intersubject variability in clinical syndromes to anatomical variability. Brain and Language, 2006, 96, 147-150. | 0.8 | 13 |
| 707 | Hemispheric specialization for language: Brain volume matters. Brain Research, 2006, 1068, 184-193. | 1.1 | 52 |
| 708 | Volume of left amygdala subregion predicted temperamental trait of harm avoidance in female young subjects. A voxel-based morphometry study. Brain Research, 2006, 1125, 85-93. | 1.1 | 74 |
| 709 | The measurement and clinical relevance of brain atrophy in multiple sclerosis. Lancet Neurology, The, 2006, 5, 158-170. | 4.9 | 406 |
| 710 | Brain imaging of clinical pain states: a critical review and strategies for future studies. Lancet Neurology, The, 2006, 5, 1033-1044. | 4.9 | 100 |
| 711 | A brief introduction to functional MRI. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 24-26. | 1.1 | 41 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| # | | IF | CHAHONS |
| 712 | Evaluating fMRI preprocessing pipelines. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 27-41. | 1.1 | 125 |
| 713 | Recollection and familiarity in dense hippocampal amnesia: A case study. Neuropsychologia, 2006, 44, 489-506. | 0.7 | 102 |
| 714 | Neuroanatomical correlates of impaired recognition of emotion in dementia. Neuropsychologia, 2006, 44, 365-373. | 0.7 | 135 |
| 715 | Gray matter density reduction in the insula in fire survivors with posttraumatic stress disorder: A voxel-based morphometric study. Psychiatry Research - Neuroimaging, 2006, 146, 65-72. | 0.9 | 128 |
| 716 | Tract-specific anisotropy measurements in diffusion tensor imaging. Psychiatry Research - Neuroimaging, 2006, 146, 73-82. | 0.9 | 148 |
| 717 | Effects of cerebrovascular risk factors on gray matter volume in adults aged 60–64 years: A voxel-based morphometric study. Psychiatry Research - Neuroimaging, 2006, 147, 105-114. | 0.9 | 35 |
| 718 | Widespread sensorimotor and frontal cortical atrophy in Amyotrophic Lateral Sclerosis. BMC Neurology, 2006, 6, 17. | 0.8 | 141 |
| 719 | Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. BMC Psychiatry, 2006, 6, 56. | 1.1 | 306 |
| 720 | Reduced hippocampal activation during episodic encoding in middle-aged individuals at genetic risk of Alzheimer's Disease: a cross-sectional study. BMC Medicine, 2006, 4, 1. | 2.3 | 152 |
| 721 | Grey matter changes can improve the prediction of schizophrenia in subjects at high risk. BMC Medicine, 2006, 4, 29. | 2.3 | 79 |
| 722 | Method for multimodal analysis of independent source differences in schizophrenia: Combining gray matter structural and auditory oddball functional data. Human Brain Mapping, 2006, 27, 47-62. | 1.9 | 230 |
| 723 | Gender effects on cortical thickness and the influence of scaling. Human Brain Mapping, 2006, 27, 314-324. | 1.9 | 310 |
| 724 | Anatomical changes in the emerging adult brain: A voxel-based morphometry study. Human Brain Mapping, 2006, 27, 766-777. | 1.9 | 68 |
| 725 | Cortical atrophy in the cerebellar variant of multiple system atrophy: A voxel-based morphometry study. Movement Disorders, 2006, 21, 159-165. | 2.2 | 67 |
| 726 | Leucine-rich repeat kinase 2 (LRRK2) mutations in a Swedish Parkinson cohort and a healthy nonagenarian. Movement Disorders, 2006, 21, 1731-1734. | 2.2 | 47 |
| 727 | Visualization and quantification of disease progression in multiple system atrophy. Movement Disorders, 2006, 21, 1674-1681. | 2.2 | 53 |
| 728 | Head of the caudate nucleus is most vulnerable in chorea–acanthocytosis: A voxel-based morphometry study. Movement Disorders, 2006, 21, 1728-1731. | 2.2 | 62 |
| 729 | MP-SAGE: A new MP-RAGE sequence with enhanced SNR and CNR for brain imaging utilizing square-spiral phase encoding and variable flip angles. Magnetic Resonance in Medicine, 2006, 56, 824-834. | 1.9 | 27 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 730 | Magnetic resonance imaging measures of brain atrophy in multiple sclerosis. Journal of Magnetic Resonance Imaging, 2006, 23, 605-618. | 1.9 | 103 |
| 731 | Contrast-driven approach to intracranial segmentation using a combination of T2- and T1-weighted 3D MRI data sets. Journal of Magnetic Resonance Imaging, 2006, 24, 790-795. | 1.9 | 25 |
| 732 | Elevated mean diffusivity in widespread brain regions in congenital central hypoventilation syndrome. Journal of Magnetic Resonance Imaging, 2006, 24, 1252-1258. | 1.9 | 40 |
| 733 | Genetic liability to schizophrenia or bipolar disorder and its relationship to brain structure. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 76-83. | 1.1 | 107 |
| 734 | Increased midbrain gray matter in Tourette's syndrome. Annals of Neurology, 2006, 59, 381-385. | 2.8 | 61 |
| 735 | Detecting white matter injury in sickle cell disease using voxel-based morphometry. Annals of Neurology, 2006, 59, 662-672. | 2.8 | 71 |
| 736 | Morphometric and Psychometric Comparisons between Non-Substance-Abusing Patients with Posttraumatic Stress Disorder and Normal Controls. Psychotherapy and Psychosomatics, 2006, 75, 122-132. | 4.0 | 54 |
| 737 | Persistent Auditory Hallucinations. Psychopathology, 2006, 39, 120-125. | 1.1 | 25 |
| 738 | Iomazenil-Single-Photon Emission Computed Tomography Reveals Selective Neuronal Loss in Magnetic Resonance-Defined Mismatch Areas. Stroke, 2006, 37, 2713-2719. | 1.0 | 58 |
| 739 | Older adults with cognitive complaints show brain atrophy similar to that of amnestic MCI. Neurology, 2006, 67, 834-842. | 1.5 | 488 |
| 740 | Selective magnetization transfer ratio decrease in the visual cortex following optic neuritis. Brain, 2006, 129, 1031-1039. | 3.7 | 88 |
| 741 | Brain and behaviour in children with 22q11.2 deletion syndrome: a volumetric and voxel-based morphometry MRI study. Brain, 2006, 129, 1218-1228. | 3.7 | 165 |
| 742 | Morphometry of the amusic brain: a two-site study. Brain, 2006, 129, 2562-2570. | 3.7 | 207 |
| 743 | Spatial patterns of cortical thinning in mild cognitive impairment and Alzheimer's disease. Brain, 2006, 129, 2885-2893. | 3.7 | 321 |
| 744 | Temporal lobe lesions and semantic impairment: a comparison of herpes simplex virus encephalitis and semantic dementia. Brain, 2006, 130, 1138-1147. | 3.7 | 161 |
| 745 | Word Reading and Posterior Temporal Dysfunction in Amnestic Mild Cognitive Impairment. Cerebral Cortex, 2006, 17, 542-551. | 1.6 | 63 |
| 746 | Cognitive and Magnetic Resonance Imaging Brain Morphometric Correlates of Brain-Derived Neurotrophic Factor Val66Met Gene Polymorphism in Patients With Schizophrenia and Healthy Volunteers. Archives of General Psychiatry, 2006, 63, 731. | 13.8 | 234 |
| 747 | Structural brain imaging in patients with cognitive impairment in the year 2015. Future Neurology, 2006, 1, 77-86. | 0.9 | 2 |

ARTICLE IF CITATIONS # A multiresolution image based approach for correction of partial volume effects in emission 748 1.6 102 tomography. Physics in Medicine and Biology, 2006, 51, 1857-1876. 749 Quantitative MR Imaging in Alzheimer Disease. Radiology, 2006, 241, 26-44. 3.6 Relationship between Hippocampal Structure and Memory Function in Elderly Humans. Journal of 750 1.1 30 Cognitive Neuroscience, 2006, 18, 990-1003. Regional brain atrophy in cognitively intact adults with a single APOE Â4 allele. Neurology, 2006, 67, 1221-1224. Hypoperfusion in frontotemporal dementia and Alzheimer disease by arterial spin labeling MRI. 752 1.5 260 Neurology, 2006, 67, 1215-1220. Quantitative Analysis in Functional Brain Imaging., 2006, , 435-470. The Structural Brain Correlates of Neurological Soft Signs in Healthy Individuals. Cerebral Cortex, 754 1.6 90 2006, 16, 1225-1231. Bilateral grey-matter increase in the putamen in primary blepharospasm. Journal of Neurology, 122 Neurosurgery and Psychiatry, 2006, 77, 1017-1020. 756 Models of Functional Neuroimaging Data. Current Medical Imaging, 2006, 2, 15-34. 0.4 15 The Role of MRI and PET/SPECT in Alzheimers Disease. Current Topics in Medicinal Chemistry, 2006, 6, 1.0 629-647. Adjustment for Whole Brain and Cranial Size in Volumetric Brain Studies: A Review of Common 758 70 0.9 Adjustment Factors and Statistical Methods. Harvard Review of Psychiatry, 2006, 14, 141-151. Brain Gray Matter Changes in Migraine Patients With T2-Visible Lesions. Stroke, 2006, 37, 1765-1770. 1.0 291 A magnetic resonance imaging study of patients with Parkinson's disease with mild cognitive impairment and dementia using voxel-based morphometry. Journal of Neurology, Neurosurgery and 760 0.9 235 Psychiatry, 2006, 78, 254-259. Diffusion tensor imaging and voxel based morphometry study in early progressive supranuclear palsy. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 457-463. 166 Structural Brain Changes in Tinnitus. Cerebral Cortex, 2006, 16, 1283-1288. 762 340 1.6 Oops! Resolving social dilemmas in frontotemporal dementia. Journal of Neurology, Neurosurgery 764 123 and Psychiatry, 2006, 78, 457-460. Patterns of Brain Atrophy That Differentiate Corticobasal Degeneration Syndrome From Progressive 765 4.9 315 Supranuclear Palsy. Archives of Neurology, 2006, 63, 81. Voxel-based detection of white matter abnormalities in mild Alzheimer disease. Neurology, 2006, 66, 1.5 200 1845-1849.

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 767 | Regional Gray Matter Atrophy in Early Primary Progressive Multiple Sclerosis. Archives of Neurology, 2006, 63, 1175. | 4.9 | 157 |
| 768 | White matter damage on diffusion tensor imaging correlates with age-related cognitive decline. Neurology, 2006, 66, 217-222. | 1.5 | 324 |
| 769 | Genetic Contributions to Human Brain Morphology and Intelligence. Journal of Neuroscience, 2006, 26, 10235-10242. | 1.7 | 271 |
| 770 | Dynamically Spreading Frontal and Cingulate Deficits Mapped in Adolescents With Schizophrenia. Archives of General Psychiatry, 2006, 63, 25. | 13.8 | 153 |
| 771 | Anatomical Correlates of Foreign Speech Sound Production. Cerebral Cortex, 2006, 17, 929-934. | 1.6 | 109 |
| 772 | The Mellow Years?: Neural Basis of Improving Emotional Stability over Age. Journal of Neuroscience, 2006, 26, 6422-6430. | 1.7 | 253 |
| 773 | Neural mechanisms of genetic risk for impulsivity and violence in humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6269-6274. | 3.3 | 793 |
| 774 | Functional Magnetic Resonance Imaging in Nursing Research. Biological Research for Nursing, 2006, 8, 43-54. | 1.0 | 2 |
| 775 | No Association between Dorsolateral Prefrontal Gray Matter Deficit and N-Acetyl Aspartate Ratios in Schizophrenia. Neuropsychobiology, 2006, 54, 171-178. | 0.9 | 10 |
| 776 | Differentiation of sCJD and vCJD forms by automated analysis of basal ganglia intensity distribution in multisequence MRI of the brain-definition and evaluation of new MRI-based ratios. IEEE Transactions on Medical Imaging, 2006, 25, 1052-1067. | 5.4 | 11 |
| 777 | Twenty New Digital Brain Phantoms for Creation of Validation Image Data Bases. IEEE Transactions on Medical Imaging, 2006, 25, 1410-1416. | 5.4 | 198 |
| 778 | Diagnosis of Brain Abnormality Using both Structural and Functional MR Images. , 2006, Suppl, 6585-8. | | 5 |
| 779 | Shape Particle Guided Tissue Classification. , 0, , . | | 7 |
| 780 | Fluid Registration of Medical Images Using Jensen-Renyi Divergence Reveals 3D Profile of Brain Atrophy in HIV/AIDS. , 0, , . | | 6 |
| 781 | Triplet Markov Chain for 3D MRI Brain Segmentation Using a Probabilistic Atlas. , 0, , . | | 12 |
| 782 | Neuroimaging in Human Amblyopia. Strabismus, 2006, 14, 21-35. | 0.4 | 52 |
| 783 | Hierarchical Statistical Shape Analysis and Prediction of Sub-Cortical Brain Structures. , 0, , . | | 0 |
| 784 | Brain Shape Characterization from Deformation. , 0, , . | | 4 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 785 | Cognitive Reserve as a Resilience Factor against Depression after Moderate/Severe Head Injury. Journal of Neurotrauma, 2006, 23, 1049-1058. | 1.7 | 27 |
| 786 | Selective Alterations of White Matter Associated with Visuospatial and Sensorimotor Dysfunction in Turner Syndrome. Journal of Neuroscience, 2006, 26, 7007-7013. | 1.7 | 66 |
| 787 | Neural correlates of epigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16033-16038. | 3.3 | 294 |
| 788 | Medial Versus Lateral Frontal Lobe Contributions to Voluntary Saccade Control as Revealed by the Study of Patients with Frontal Lobe Degeneration. Journal of Neuroscience, 2006, 26, 6354-6363. | 1.7 | 85 |

789 Neural Mechanisms of Genetic Risk for Impulsivity and Violence in Humans. Focus (American) Tj ETQq0 0 0 rgBT /Overlock 10,Tf 50 582

| 790 | Music and the brain: disorders of musical listening. Brain, 2006, 129, 2533-2553. | 3.7 | 264 |
|-----|--|-----|-----|
| 791 | AGE EFFECTS IN TIME ESTIMATION: RELATIONSHIP TO FRONTAL BRAIN MORPHOMETRY. Journal of Integrative Neuroscience, 2006, 05, 75-87. | 0.8 | 20 |
| 793 | Brain Structure Predicts the Learning of Foreign Speech Sounds. Cerebral Cortex, 2006, 17, 575-582. | 1.6 | 236 |
| 794 | Diagnosis of Brain Abnormality Using both Structural and Functional MR Images. , 2006, 2006, 1044-7. | | 10 |
| 795 | Gray and white matter brain atrophy and neuropsychological impairment in multiple sclerosis. Neurology, 2006, 66, 685-692. | 1.5 | 276 |
| 796 | Comparison of 18F-FDG PET and Optimized Voxel-Based Morphometry for Detection of Alzheimer's Disease: Aging Effect on Diagnostic Performance. Journal of Nuclear Medicine, 2007, 48, 1961-1970. | 2.8 | 56 |
| 797 | Diffuse Axonal Injury in Severe Traumatic Brain Injury Visualized Using High-Resolution Diffusion Tensor Imaging. Journal of Neurotrauma, 2007, 24, 753-765. | 1.7 | 175 |
| 798 | Structural Brain Alterations following 5 Days of Intervention: Dynamic Aspects of Neuroplasticity. Cerebral Cortex, 2007, 17, 205-210. | 1.6 | 309 |
| 799 | Shape Analysis of the Corpus Callosum in Alzheimer's Disease. , 2007, , . | | 3 |
| 800 | Diagnostic imaging devices in Alzheimer's disease. Expert Review of Medical Devices, 2007, 4, 475-487. | 1.4 | 9 |
| 801 | Cortical Thickness in Congenital Amusia: When Less Is Better Than More. Journal of Neuroscience, 2007, 27, 13028-13032. | 1.7 | 249 |
| 802 | Altered Effective Connectivity within the Language Network in Primary Progressive Aphasia. Journal of Neuroscience, 2007, 27, 1334-1345. | 1.7 | 129 |
| 803 | Role of Neuroimaging in Alzheimer's Disease, with Emphasis on Brain Perfusion SPECT. Journal of Nuclear Medicine, 2007, 48, 1289-1300. | 2.8 | 186 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 804 | Focal Gray Matter Changes in Schizophrenia across the Course of the Illness: A 5-Year Follow-Up Study. Neuropsychopharmacology, 2007, 32, 2057-2066. | 2.8 | 267 |
| 805 | Automatic Segmentation of Brain Structures Based on Anatomic Atlas. , 2007, , . | | 1 |
| 806 | The neurobiological underpinnings of risk and conversion in relatives of patients with schizophrenia. International Review of Psychiatry, 2007, 19, 383-397. | 1.4 | 31 |
| 807 | Brain MRI Segmentation with Multiphase Minimal Partitioning: A Comparative Study. International Journal of Biomedical Imaging, 2007, 2007, 1-15. | 3.0 | 21 |
| 808 | Weighted Fourier Series Representation and Its Application to Quantifying the Amount of Gray Matter. IEEE Transactions on Medical Imaging, 2007, 26, 566-581. | 5.4 | 161 |
| 809 | Comparison of Regional Brain Volume and Glucose Metabolism Between Patients with Mild Dementia with Lewy Bodies and Those with Mild Alzheimer's Disease. Journal of Nuclear Medicine, 2007, 48, 704-711. | 2.8 | 81 |
| 810 | Volumetric cortical loss in sporadic and familial amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 343-347. | 2.3 | 45 |
| 811 | Better Memory and Neural Efficiency in Young Apolipoprotein E Â4 Carriers. Cerebral Cortex, 2007, 17, 1934-1947. | 1.6 | 225 |
| 812 | Fiber Connections between the Cerebral Cortex and the Corpus Callosum in Alzheimer's Disease: A Diffusion Tensor Imaging and Voxel-Based Morphometry Study. Cerebral Cortex, 2007, 17, 2276-2282. | 1.6 | 74 |
| 813 | Neurocognitive endophenotypes of obsessive-compulsive disorder. Brain, 2007, 130, 3223-3236. | 3.7 | 375 |
| 814 | Dorsolateral prefrontal cortex dysfunction in presymptomatic Huntington's disease: evidence from event-related fMRI. Brain, 2007, 130, 2845-2857. | 3.7 | 131 |
| 815 | The frequency, complications and aetiology of ADHD in new onset paediatric epilepsy. Brain, 2007, 130, 3135-3148. | 3.7 | 254 |
| 816 | Orbitofrontal volume deficit in schizophrenia and thought disorder. Brain, 2007, 131, 180-195. | 3.7 | 159 |
| 817 | Mesolimbic Novelty Processing in Older Adults. Cerebral Cortex, 2007, 17, 2940-2948. | 1.6 | 67 |
| 818 | Neuroradiological characterization of normal adult ageing. British Journal of Radiology, 2007, 80, S99-S108. | 1.0 | 85 |
| 819 | Deformation-Based Morphometry Reveals Brain Atrophy in Frontotemporal Dementia. Archives of Neurology, 2007, 64, 873. | 4.9 | 60 |
| 820 | Restoration of MRI data for field nonuniformities using high order neighborhood statistics. , 2007, 65121L. | | 4 |
| 821 | Three-Dimensional Gray Matter Atrophy Mapping in Mild Cognitive Impairment and Mild Alzheimer Disease. Archives of Neurology, 2007, 64, 1489. | 4.9 | 117 |

| # | Article | IF | Citations |
|-----|--|------|-----------|
| 822 | Patterns of Atrophy Differ Among Specific Subtypes of Mild Cognitive Impairment. Archives of Neurology, 2007, 64, 1130. | 4.9 | 185 |
| 823 | Brain structural alterations before mild cognitive impairment. Neurology, 2007, 68, 1268-1273. | 1.5 | 143 |
| 824 | Power in Voxel-based Lesion-Symptom Mapping. Journal of Cognitive Neuroscience, 2007, 19, 1067-1080. | 1.1 | 255 |
| 825 | Brain White Matter Expansion in Human Obesity and the Recovering Effect of Dieting. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3278-3284. | 1.8 | 130 |
| 826 | Longitudinal imaging in dementia. British Journal of Radiology, 2007, 80, S92-S98. | 1.0 | 21 |
| 827 | Chronic Auditory Hallucinations in Schizophrenic Patients: MR Analysis of the Coincidence between Functional and Morphologic Abnormalities. Radiology, 2007, 244, 549-556. | 3.6 | 57 |
| 828 | Symptomatic Carotid Artery Occlusion: Flow Territories of Major Brain-Feeding Arteries. Radiology, 2007, 242, 526-534. | 3.6 | 72 |
| 829 | Spatial cognition and the human navigation network in AD and MCI. Neurology, 2007, 69, 986-997. | 1.5 | 205 |
| 830 | Computational anatomical methods as applied to ageing and dementia. British Journal of Radiology, 2007, 80, S78-S91. | 1.0 | 57 |
| 831 | Brain Pathology in Pedophilic Offenders. Archives of General Psychiatry, 2007, 64, 737. | 13.8 | 149 |
| 832 | Comparative evaluation of similarity measures for the rigid registration of multi-modal head images. Physics in Medicine and Biology, 2007, 52, 5587-5601. | 1.6 | 15 |
| 833 | Changes in Cortical Volume with Olanzapine in Chronic Schizophrenia. Pharmacopsychiatry, 2007, 40, 135-139. | 1.7 | 15 |
| 834 | Multimodal Imaging in Neurology: Special Focus on MRI Applications and MEG. Synthesis Lectures on Biomedical Engineering, 2007, 2, 1-75. | 0.1 | 4 |
| 835 | High-Dimensional Spatial Normalization of Diffusion Tensor Images Improves the Detection of White Matter Differences: An Example Study Using Amyotrophic Lateral Sclerosis. IEEE Transactions on Medical Imaging, 2007, 26, 1585-1597. | 5.4 | 250 |
| 836 | Frontotemporal Dementia and Mania. American Journal of Psychiatry, 2007, 164, 1811-1816. | 4.0 | 36 |
| 837 | Structure-Specific Statistical Mapping of White Matter Tracts using the Continuous Medial Representation. , 2007, , . | | 24 |
| 838 | Automated Segmentation of the Corpus Callosum Midsagittal Surface Area. , 2007, , . | | 4 |
| 839 | Anisotropic Asymmetry Analysis in Diffusion Tensor Images of Healthy an Heroin-dependent Subjects. , 2007, , . | | 0 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 840 | Gray Matter Differences Correlate with Spontaneous Strategies in a Human Virtual Navigation Task. Journal of Neuroscience, 2007, 27, 10078-10083. | 1.7 | 297 |
| 841 | Voxel-based analysis of grey matter magnetization transfer ratio maps in early relapsing remitting multiple sclerosis. Multiple Sclerosis Journal, 2007, 13, 483-489. | 1.4 | 44 |
| 842 | Regional Brain Volume Differences Associated With Hyperglycemia and Severe Hypoglycemia in Youth With Type 1 Diabetes. Diabetes Care, 2007, 30, 2331-2337. | 4.3 | 189 |
| 843 | Perigenual anterior cingulate morphology covaries with perceived social standing. Social Cognitive and Affective Neuroscience, 2007, 2, 161-173. | 1.5 | 192 |
| 844 | Normal-appearing grey and white matter T1 abnormality in early relapsing–remitting multiple sclerosis: a longitudinal study. Multiple Sclerosis Journal, 2007, 13, 169-177. | 1.4 | 41 |
| 845 | Binge eating is associated with right orbitofrontal-insular-striatal atrophy in frontotemporal dementia. Neurology, 2007, 69, 1424-1433. | 1.5 | 229 |
| 846 | Regional Gray Matter Changes in Bipolar Disorder: A Voxel-Based Morphometric Study. Australian and New Zealand Journal of Psychiatry, 2007, 41, 327-336. | 1.3 | 52 |
| 847 | Voxel based analyses of diffusion tensor imaging in Fabry disease. Journal of Neurology, Neurosurgery and Psychiatry, 2007, 78, 964-969. | 0.9 | 59 |
| 848 | A widespread distinct pattern of cerebral atrophy in patients with alcohol addiction revealed by voxel-based morphometry. Journal of Neurology, Neurosurgery and Psychiatry, 2007, 78, 610-614. | 0.9 | 219 |
| 849 | BRAIN STRUCTURE AND FUNCTION CORRELATES OF GENERAL AND SOCIAL COGNITION. Journal of Integrative Neuroscience, 2007, 06, 35-74. | 0.8 | 37 |
| 850 | Altered Resting Cerebral Blood Flow in Adolescents With in Utero Cocaine Exposure Revealed by Perfusion Functional MRI. Pediatrics, 2007, 120, e1245-e1254. | 1.0 | 70 |
| 851 | Increased Gray Matter Density in the Parietal Cortex of Mathematicians: A Voxel-Based Morphometry Study. American Journal of Neuroradiology, 2007, 28, 1859-1864. | 1.2 | 98 |
| 852 | Longitudinal grey-matter and glutamatergic losses in first-episode schizophrenia. British Journal of Psychiatry, 2007, 191, 325-334. | 1.7 | 176 |
| 853 | Voxel-Based Morphometry in Frontotemporal Lobar Degeneration With Ubiquitin-Positive Inclusions With and Without Progranulin Mutations. Archives of Neurology, 2007, 64, 371. | 4.9 | 82 |
| 854 | Imaging the Mind, Minding the Image: An Historical Introduction to Brain Imaging and the Law. American Journal of Law and Medicine, 2007, 33, 171-192. | 0.5 | 20 |
| 855 | Developmental Trajectories of Male Physical Violence and Theft. Archives of General Psychiatry, 2007, 64, 592. | 13.8 | 171 |
| 856 | Genetic evidence implicating DARPP-32 in human frontostriatal structure, function, and cognition. Journal of Clinical Investigation, 2007, 117, 672-682. | 3.9 | 205 |
| 857 | Chapter 15 Advances in Neuroimaging. Blue Books of Neurology, 2007, 30, 381-410. | 0.1 | Ο |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 858 | Structural and Functional Magnetic Resonance Imaging in Psychiatric Disorders. Canadian Journal of Psychiatry, 2007, 52, 158-166. | 0.9 | 33 |
| 859 | Handedness and the Brain: A Review of Brain-imaging Techniques. Magnetic Resonance in Medical Sciences, 2007, 6, 99-112. | 1.1 | 55 |
| 860 | Automated diagnosis and prediction of Alzheimer disease using magnetic resonance image. , 2007, , . | | 0 |
| 861 | Automated detection of extradural and subdural hematoma for contrast-enhanced CT images in emergency medical care. , 2007, , . | | 12 |
| 862 | Validation of voxel-based morphometry (VBM) based on MRI. , 2007, , . | | 0 |
| 863 | Longitudinal changes in neuroanatomy and neural activity in early schizophrenia. NeuroReport, 2007, 18, 435-439. | 0.6 | 13 |
| 864 | White Matter Abnormalities in First-Episode, Treatment-Naive Young Adults With Major Depressive Disorder. American Journal of Psychiatry, 2007, 164, 823-826. | 4.0 | 162 |
| 865 | GICEB: automatic segmentation algorithm for biomedical images. , 2007, , . | | 0 |
| 866 | Combining Functional and Structural Brain Magnetic Resonance Imaging in Huntington Disease. Journal of Computer Assisted Tomography, 2007, 31, 574-580. | 0.5 | 34 |
| 867 | Evidence of Anterior Temporal Atrophy in College-Level Soccer Players. Clinical Journal of Sport Medicine, 2007, 17, 304-306. | 0.9 | 17 |
| 868 | Brain development in Chinese children and adolescents: a structural MRI study. NeuroReport, 2007, 18, 875-880. | 0.6 | 33 |
| 869 | Magnetic resonance imaging based volumetry: a primary approach to unravelling the brain. Progress in Natural Science: Materials International, 2007, 17, 751-760. | 1.8 | 3 |
| 870 | Olfaction and neurodegeneration in HD. NeuroReport, 2007, 18, 73-76. | 0.6 | 70 |
| 871 | Structural brain abnormalities in individuals with an at-risk mental state who later develop psychosis. British Journal of Psychiatry, 2007, 191, s69-s75. | 1.7 | 128 |
| 872 | Morphological substrate of face matching in healthy ageing and mild cognitive impairment: a combined MRI-fMRI study. Brain, 2007, 130, 1745-1758. | 3.7 | 47 |
| 873 | fMRI detection of early neural dysfunction in preclinical Huntington's disease. Journal of the International Neuropsychological Society, 2007, 13, 758-69. | 1.2 | 99 |
| 874 | Striatal grey matter increase in patients suffering from fibromyalgia – A voxel-based morphometry study. Pain, 2007, 132, S109-S116. | 2.0 | 253 |
| 875 | Effects of Heavy In Utero Cocaine Exposure on Adolescent Caudate Morphology. Pediatric Neurology, 2007, 37, 275-279. | 1.0 | 58 |

| # | Article | IF | Citations |
|-----|---|-----|-----------|
| 876 | Prefrontal but not temporal grey matter changes in males with first-episode schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 151-157. | 2.5 | 40 |
| 877 | Interactive effects of fitness and hormone treatment on brain health in postmenopausal women. Neurobiology of Aging, 2007, 28, 179-185. | 1.5 | 128 |
| 878 | Structural MRI covariance patterns associated with normal aging and neuropsychological functioning. Neurobiology of Aging, 2007, 28, 284-295. | 1.5 | 134 |
| 879 | Age and gender effects on human brain anatomy: A voxel-based morphometric study in healthy elderly. Neurobiology of Aging, 2007, 28, 1075-1087. | 1.5 | 286 |
| 880 | Imaging correlates of posterior cortical atrophy. Neurobiology of Aging, 2007, 28, 1051-1061. | 1.5 | 176 |
| 881 | Increased fMRI responses during encoding in mild cognitive impairment. Neurobiology of Aging, 2007, 28, 1889-1903. | 1.5 | 298 |
| 882 | Age effects on gray matter volume and attentional performance in Zen meditation. Neurobiology of Aging, 2007, 28, 1623-1627. | 1.5 | 290 |
| 883 | General intelligence and memory span: Evidence for a common neuroanatomic framework. Cognitive Neuropsychology, 2007, 24, 867-878. | 0.4 | 107 |
| 884 | Detection of Abnormal Visual Cortex in Children With Amblyopia by Voxel-Based Morphometry. American Journal of Ophthalmology, 2007, 143, 489-493. | 1.7 | 46 |
| 885 | Frontal anatomy and reaction time in Autism. Neuroscience Letters, 2007, 412, 12-17. | 1.0 | 70 |
| 886 | Relationships between plasma leptin concentrations and human brain structure: A voxel-based morphometric study. Neuroscience Letters, 2007, 412, 248-253. | 1.0 | 72 |
| 887 | Pediatric OCD structural brain deficits in conflict monitoring circuits: A voxel-based morphometry study. Neuroscience Letters, 2007, 421, 218-223. | 1.0 | 80 |
| 888 | Structure of orbitofrontal cortex and its longitudinal course in cancer-related post-traumatic stress disorder. Neuroscience Research, 2007, 59, 383-389. | 1.0 | 71 |
| 889 | Diffusion tensor imaging of the corpus callosum: a crossâ€sectional study across the lifespan. International Journal of Developmental Neuroscience, 2007, 25, 215-221. | 0.7 | 81 |
| 890 | Effects of frequent cannabis use on hippocampal activity during an associative memory task. European Neuropsychopharmacology, 2007, 17, 289-297. | 0.3 | 149 |
| 891 | Dorsolateral prefrontal <i>N</i> -acetyl-aspartate concentration in male patients with chronic schizophrenia and with chronic bipolar disorder. European Psychiatry, 2007, 22, 505-512. | 0.1 | 56 |
| 892 | Effects of physical activity on cognition, well-being, and brain: Human interventions. , 2007, 3, S45-S51. | | 93 |
| 893 | Voxel based versus region of interest analysis in diffusion tensor imaging of neurodevelopment. NeuroImage, 2007, 34, 243-252. | 2.1 | 213 |

ARTICLE IF CITATIONS # Multivariate network analysis of fiber tract integrity in Alzheimer's disease. NeuroImage, 2007, 34, 894 2.1 162 985-995. Multivariate voxel-based morphometry successfully differentiates schizophrenia patients from 2.1 168 healthy controls. NeuroImage, 2007, 34, 235-242. 3D pattern of brain atrophy in HIV/AIDS visualized using tensor-based morphometry. NeuroImage, 2007, 896 2.1 164 34, 44-60. Biological parametric mapping: A statistical toolbox for multimodality brain image analysis. 294 Neurolmage, 2007, 34, 137-143. Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis. NeuroImage, 2007, 34, 486-499. 898 2.1 192 Longitudinal analysis of gray and white matter loss in patients with systemic lupus erythematosus. NeuroImage, 2007, 34, 694-701. 899 2.1 119 3D pattern of brain abnormalities in Fragile X syndrome visualized using tensor-based morphometry. 900 2.1 68 NeuroImage, 2007, 34, 924-938. Focal cortical atrophy in multiple sclerosis: Relation to lesion load and disability. NeuroImage, 2007, 901 2.1 34, 509-517. Integrating VBM into the General Linear Model with voxelwise anatomical covariates. NeuroImage, 902 2.1 238 2007, 34, 500-508. Morphologic asymmetry of the human anterior cingulate cortex. NeuroImage, 2007, 34, 888-895. 2.1 Diffusion tensor imaging segmentation of white matter structures using a Reproducible Objective 904 2.1 55 Quantification Scheme (ROQS). NeuroImage, 2007, 35, 166-174. An unbiased iterative group registration template for cortical surface analysis. NeuroImage, 2007, 34, 2.1 381 1535-1544. Prospective reports of chronic life stress predict decreased grey matter volume in the hippocampus. 906 2.1 264 Neurolmage, 2007, 35, 795-803. Social cognition and frontal lobe pathology in schizophrenia: A voxel-based morphometric study. 2.1 94 NeuroImage, 2007, 35, 292-298 Memory and frontal lobe functions; possible relations with dopamine D2 receptors in the 908 2.1 93 hippocampus. NeuroImage, 2007, 34, 1643-1649. Pattern classification using principal components of cortical thickness and its discriminative pattern 909 in schizophrenia. NeuroImage, 2007, 34, 1405-1415. Pre-frontal lobe gyrification index in schizophrenia, mental retardation and comorbid groups: An 910 2.1 62 automated study. NeuroImage, 2007, 35, 648-654. Non-normality and transformations of random fields, with an application to voxel-based 2.1 morphometry. NeuroImage, 2007, 35, 121-130.

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 912 | What is the significance of interictal water diffusion changes in frontal lobe epilepsies?. NeuroImage, 2007, 35, 28-37. | 2.1 | 40 |
| 913 | Impact of ventricular enlargement on the measurement of metabolic activity in spatially normalized PET. NeuroImage, 2007, 35, 748-758. | 2.1 | 17 |
| 914 | Abnormal brain connectivity in first-episode psychosis: A diffusion MRI tractography study of the corpus callosum. NeuroImage, 2007, 35, 458-466. | 2.1 | 111 |
| 915 | Linear normalization of MR brain images in pediatric patients with periventricular leukomalacia. NeuroImage, 2007, 35, 686-697. | 2.1 | 15 |
| 916 | Grey matter correlates of early psychotic symptoms in adolescents at enhanced risk of psychosis: A voxel-based study. NeuroImage, 2007, 35, 1181-1191. | 2.1 | 42 |
| 917 | Identifying patients with obsessive–compulsive disorder using whole-brain anatomy. NeuroImage, 2007, 35, 1028-1037. | 2.1 | 82 |
| 918 | Hippocampus-specific fMRI group activation analysis using the continuous medial representation. NeuroImage, 2007, 35, 1516-1530. | 2.1 | 28 |
| 919 | Diffusion tensor imaging with tract-based spatial statistics reveals local white matter abnormalities in preterm infants. NeuroImage, 2007, 35, 1021-1027. | 2.1 | 287 |
| 920 | A structural MRI study in monozygotic twins concordant or discordant for attention/hyperactivity problems: Evidence for genetic and environmental heterogeneity in the developing brain. NeuroImage, 2007, 35, 1004-1020. | 2.1 | 54 |
| 921 | Characterizing brain anatomical connections using diffusion weighted MRI and graph theory. NeuroImage, 2007, 36, 645-660. | 2.1 | 322 |
| 922 | Brain activation mediates the association between structural abnormality and symptom severity in schizophrenia. Neurolmage, 2007, 36, 188-193. | 2.1 | 26 |
| 923 | Cortical abnormalities and language function in young patients with basal ganglia stroke. NeuroImage, 2007, 36, 431-440. | 2.1 | 21 |
| 924 | Sex differences in regional gray matter in healthy individuals aged 44–48Âyears: A voxel-based morphometric study. NeuroImage, 2007, 36, 691-699. | 2.1 | 214 |
| 925 | Independent contributions of cortical gray matter atrophy and ventricle enlargement for predicting neuropsychological impairment in multiple sclerosis. NeuroImage, 2007, 36, 1294-1300. | 2.1 | 109 |
| 926 | 3D pattern of brain abnormalities in Williams syndrome visualized using tensor-based morphometry. NeuroImage, 2007, 36, 1096-1109. | 2.1 | 155 |
| 927 | A neonatal atlas template for spatial normalization of whole-brain magnetic resonance images of newborns: Preliminary results. NeuroImage, 2007, 37, 463-473. | 2.1 | 86 |
| 928 | Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort. NeuroImage, 2007, 37, 394-400. | 2.1 | 27 |
| 929 | Progressive atrophy in the optic pathway and visual cortex of early blind Chinese adults: A voxel-based morphometry magnetic resonance imaging study. NeuroImage, 2007, 37, 212-220. | 2.1 | 127 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 930 | Voxel-based morphometry to detect brain atrophy in progressive mild cognitive impairment. NeuroImage, 2007, 37, 1122-1131. | 2.1 | 136 |
| 931 | Regional grey matter abnormalities in juvenile myoclonic epilepsy: A voxel-based morphometry study. NeuroImage, 2007, 37, 1132-1137. | 2.1 | 124 |
| 932 | Balancing bias, reliability, noise properties and the need for parametric maps in quantitative ligand PET: [11C]diprenorphine test–retest data. NeuroImage, 2007, 38, 82-94. | 2.1 | 46 |
| 933 | Multivariate deformation-based analysis of brain atrophy to predict Alzheimer's disease in mild cognitive impairment. NeuroImage, 2007, 38, 13-24. | 2.1 | 185 |
| 934 | Myelination shapes functional activity in the developing brain. NeuroImage, 2007, 38, 511-518. | 2.1 | 52 |
| 935 | Voxel-based morphometry and voxel-based relaxometry in multiple system atrophy—A comparison between clinical subtypes and correlations with clinical parameters. NeuroImage, 2007, 36, 1086-1095. | 2.1 | 103 |
| 936 | A Review of Methods for Correction of Intensity Inhomogeneity in MRI. IEEE Transactions on Medical Imaging, 2007, 26, 405-421. | 5.4 | 711 |
| 937 | MRI for the differential diagnosis of neurodegenerative parkinsonism in clinical practice. Parkinsonism and Related Disorders, 2007, 13, S400-S405. | 1.1 | 26 |
| 938 | Voxel-based morphometry and its application to movement disorders. Parkinsonism and Related Disorders, 2007, 13, S406-S416. | 1.1 | 30 |
| 939 | Brain Morphometry and Cognitive Performance in Detoxified Alcohol-Dependents with Preserved Psychosocial Functioning. Neuropsychopharmacology, 2007, 32, 429-438. | 2.8 | 358 |
| 940 | The Parieto-Frontal Integration Theory (P-FIT) of intelligence: Converging neuroimaging evidence. Behavioral and Brain Sciences, 2007, 30, 135-154. | 0.4 | 1,323 |
| 942 | P.1.e.012 Assessment of serotonin release capacity in the human brain using dexfenfluramine challenge and [18F]altanserin-PET. European Neuropsychopharmacology, 2007, 17, S287. | 0.3 | 0 |
| 943 | From Genes to Brain: Understanding Brain Development in Neurogenetic Disorders Using Neuroimaging Techniques. Child and Adolescent Psychiatric Clinics of North America, 2007, 16, 557-579. | 1.0 | 28 |
| 944 | Altered flow territories after carotid stenting and carotid endarterectomy. Journal of Vascular Surgery, 2007, 45, 1155-1161. | 0.6 | 45 |
| 945 | A JOINT REGISTRATION AND SEGMENTATION APPROACH TO SKULL STRIPPING. , 2007, , . | | 28 |
| 946 | Focal atrophy in dementia with Lewy bodies on MRI: a distinct pattern from Alzheimer's disease. Brain, 2007, 130, 708-719. | 3.7 | 286 |
| 947 | Functional and morphometric brain dissociation between dyslexia and reading ability. Proceedings of the United States of America, 2007, 104, 4234-4239. | 3.3 | 342 |
| 948 | 3D maps from multiple MRI illustrate changing atrophy patterns as subjects progress from mild cognitive impairment to Alzheimer's disease. Brain, 2007, 130, 1777-1786. | 3.7 | 541 |

| | | CITATION R | EPORT | |
|-----|---|------------------|-------|-----------|
| # | Article | | IF | CITATIONS |
| 949 | I nterferon beta-1a slows progression of brain atrophy in relapsing-remitting multiple scle predominantly by reducing gray matter atrophy. Multiple Sclerosis Journal, 2007, 13, 490 | | 1.4 | 72 |
| 950 | A Statistical Parts-Based Model of Anatomical Variability. IEEE Transactions on Medical Im 26, 497-508. | aging, 2007, | 5.4 | 40 |
| 951 | Local Scale for Boundary Shape Description: Application in Locating Landmarks Automati | cally. , 2007, , | | 3 |
| 952 | A Statistical Analysis of Brain Morphology Using Wild Bootstrapping. IEEE Transactions of Imaging, 2007, 26, 954-966. | n Medical | 5.4 | 39 |
| 953 | COMPARE: Classification of Morphological Patterns Using Adaptive Regional Elements. IE Transactions on Medical Imaging, 2007, 26, 93-105. | EE | 5.4 | 320 |
| 954 | Fuzzy classification of brain MRI using a priori knowledge: weighted fuzzy C-means. , 200 | 7, , . | | 11 |
| 955 | Gray matter atrophy in Parkinson disease with dementia and dementia with Lewy bodies. 2007, 69, 747-754. | Neurology, | 1.5 | 152 |
| 956 | Quantitative Diffusion Tensor Tractography of Association and Projection Fibers in Norma Developing Children and Adolescents. Cerebral Cortex, 2007, 17, 2760-2768. | ally | 1.6 | 268 |
| 957 | Anatomically related grey and white matter abnormalities in adolescent-onset schizophre 2007, 130, 2375-2386. | nia. Brain, | 3.7 | 718 |
| 959 | Prefrontal–thalamic–cerebellar gray matter networks and executive functioning in sc Schizophrenia Research, 2007, 93, 79-89. | hizophrenia. | 1.1 | 108 |
| 960 | Hippocampal Shape Analysis of Alzheimer Disease Based on Machine Learning Methods. / Journal of Neuroradiology, 2007, 28, 1339-1345. | American | 1.2 | 110 |
| 961 | Hippocampal volume reduction in children with chromosome 22q11.2 deletion syndrome with cognitive impairment. Behavioral and Brain Functions, 2007, 3, 54. | is associated | 1.4 | 56 |
| 962 | Relationship of Catechol-O-Methyltransferase Variants to Brain Structure and Function in Population at High Risk of Psychosis. Biological Psychiatry, 2007, 61, 1127-1134. | a | 0.7 | 109 |
| 963 | Voxel-Based Study of Structural Changes in First-Episode Patients with Bipolar Disorder. E Psychiatry, 2007, 61, 776-781. | Biological | 0.7 | 178 |
| 964 | Evidence for Cortical Dysfunction in Autism: A Proton Magnetic Resonance Spectroscopic Study. Biological Psychiatry, 2007, 61, 465-473. | : Imaging | 0.7 | 128 |
| 965 | Intrapair Differences in Hippocampal Volume in Monozygotic Twins Discordant for the Ris Anxiety and Depression. Biological Psychiatry, 2007, 61, 1062-1071. | sk for | 0.7 | 64 |
| 966 | Regional Gray Matter Volume Abnormalities in the At Risk Mental State. Biological Psychi 1148-1156. | atry, 2007, 61, | 0.7 | 295 |
| 967 | Greater Cortical Gray Matter Density in Lithium-Treated Patients with Bipolar Disorder. Bio Psychiatry, 2007, 62, 7-16. | blogical | 0.7 | 271 |

| # | Article | IF | CITATIONS |
|-----|--|---------------|-----------|
| 968 | Increased Prefrontal Gyrification in a Large High-Risk Cohort Characterizes Those Who Develop Schizophrenia and Reflects Abnormal Prefrontal Development. Biological Psychiatry, 2007, 62, 722-729. | 0.7 | 106 |
| 969 | Genetic Variation in Serotonin Transporter Alters Resting Brain Function in Healthy Individuals. Biological Psychiatry, 2007, 62, 600-606. | 0.7 | 131 |
| 970 | Progressive Gray Matter Loss in Patients with Bipolar Disorder. Biological Psychiatry, 2007, 62, 894-900. | 0.7 | 285 |
| 971 | Classification Based on Cortical Folding Patterns. IEEE Transactions on Medical Imaging, 2007, 26, 553-565. | 5.4 | 42 |
| 972 | HLAâ€DRB1*1501, â€DQB1*0301, â€DQB1*0302, â€DQB1*0602, and â€DQB1*0603 Alleles are Associated With Severe Disease Outcome on Mri in Patients With Multiple Sclerosis. International Review of Neurobiology, 2007, 79, 521-535. | n More 0.9 | 60 |
| 973 | Voxel-Based Morphometry. , 2007, , 92-98. | | 72 |
| 975 | Canine and Human Visual Cortex Intact and Responsive Despite Early Retinal Blindness from RPE65 Mutation. PLoS Medicine, 2007, 4, e230. | 3.9 | 107 |
| 976 | Homosexual Women Have Less Grey Matter in Perirhinal Cortex than Heterosexual Women. PLoS ONE, 2007, 2, e762. | 1.1 | 57 |
| 977 | Statistical parametric mapping. , 2007, , 10-31. | | 568 |
| 978 | Automated MR image processing and analysis of malignant brain tumors: enabling technology for data mining. AIP Conference Proceedings, 2007, , . | 0.3 | 0 |
| 979 | Intelligence and the developing human brain. BioEssays, 2007, 29, 962-973. | 1.2 | 50 |
| 980 | Human brain structural change related to acute single exposure to sarin. Annals of Neurology, 2007, 61, 37-46. | 2.8 | 116 |
| 981 | Centrosomal-ciliary geneCEP290/NPHP6 mutations result in blindness with unexpected sparing of photoreceptors and visual brain: implications for therapy of Leber congenital amaurosis. Human Mutation, 2007, 28, 1074-1083. | 1.1 | 148 |
| 982 | Brain maturation in adolescence: Concurrent changes in neuroanatomy and neurophysiology. Human Brain Mapping, 2007, 28, 228-237. | 1.9 | 309 |
| 983 | Cortical thinning in obsessive compulsive disorder. Human Brain Mapping, 2007, 28, 1128-1135. | 1.9 | 55 |
| 984 | Voxel-based morphometry study of brain volumetry and diffusivity in amyotrophic lateral sclerosis patients with mild disability. Human Brain Mapping, 2007, 28, 1430-1438. | 1.9 | 152 |
| 985 | Extrahippocampal gray matter atrophy and memory impairment in patients with medial temporal lobe epilepsy. Human Brain Mapping, 2007, 28, 1376-1390. | 1.9 | 61 |
| 986 | Genes, maternal smoking, and the offspring brain and body during adolescence: Design of the Saguenay Youth Study. Human Brain Mapping, 2007, 28, 502-518. | 1.9 | 113 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 987 | Heritability of brain volume, surface area and shape: An MRI study in an extended pedigree of baboons. Human Brain Mapping, 2007, 28, 576-583. | 1.9 | 89 |
| 988 | Spatial memory and hippocampal volume in humans with unilateral vestibular deafferentation. Hippocampus, 2007, 17, 471-485. | 0.9 | 142 |
| 989 | Smaller regional volumes of brain gray and white matter demonstrated in breast cancer survivors exposed to adjuvant chemotherapy. Cancer, 2007, 109, 146-156. | 2.0 | 298 |
| 990 | Cortical grey matter alterations in idiopathic restless legs syndrome: An optimized voxel-based morphometry study. Movement Disorders, 2007, 22, 1751-1756. | 2.2 | 82 |
| 991 | Voxel based morphometry reveals specific gray matter changes in primary dystonia. Movement Disorders, 2007, 22, 1538-1542. | 2.2 | 121 |
| 992 | Variation of selective gray and white matter atrophy in Huntington's disease. Movement Disorders, 2007, 22, 1783-1789. | 2.2 | 42 |
| 993 | Augmented generalized SENSE reconstruction to correct for rigid body motion. Magnetic Resonance in Medicine, 2007, 57, 90-102. | 1.9 | 84 |
| 994 | Assessing atrophy of the major white matter fiber bundles of the brain from diffusion tensor MRI data. Magnetic Resonance in Medicine, 2007, 58, 527-534. | 1.9 | 27 |
| 995 | Dorsal anterior cingulate function in posttraumatic stress disorder. Journal of Traumatic Stress, 2007, 20, 701-712. | 1.0 | 64 |
| 996 | Utilization of diffusion tensor tractography in combination with spatial normalization to assess involvement of the corticospinal tract in capsular/pericapsular stroke: Feasibility and clinical implications. Journal of Magnetic Resonance Imaging, 2007, 26, 1399-1404. | 1.9 | 33 |
| 997 | Long and short echo time proton magnetic resonance spectroscopic imaging of the healthy aging brain. Journal of Magnetic Resonance Imaging, 2007, 26, 1596-1606. | 1.9 | 24 |
| 998 | Brain mapping as a tool to study neurodegeneration. Neurotherapeutics, 2007, 4, 387-400. | 2.1 | 56 |
| 999 | Changes in central 5-HT1A receptor binding in mesial temporal epilepsy measured by positron emission tomography with [11C]WAY100635. Epilepsy Research, 2007, 73, 111-118. | 0.8 | 21 |
| 1000 | Voxel-based morphometry in the detection of dysplasia and neoplasia in childhood epilepsy: Combined grey/white matter analysis augments detection. Epilepsy Research, 2007, 77, 93-101. | 0.8 | 36 |
| 1001 | A Dirichlet process mixture model for brain MRI tissue classification. Medical Image Analysis, 2007, 11, 169-182. | 7.0 | 78 |
| 1002 | A nonparametric MRI inhomogeneity correction method. Medical Image Analysis, 2007, 11, 336-345. | 7.0 | 60 |
| 1003 | Using the logarithm of odds to define a vector space on probabilistic atlases. Medical Image Analysis, 2007, 11, 465-477. | 7.0 | 85 |
| 1004 | VBM lesion detection depends on the normalization template: a study using simulated atrophy. Magnetic Resonance Imaging, 2007, 25, 1385-1396. | 1.0 | 59 |

| # | Article | IF | CITATIONS |
|--------------------------------------|--|--------------------------|----------------------------|
| 1005 | Comparison of manual and semi-automated delineation of regions of interest for radioligand PET imaging analysis. BMC Nuclear Medicine, 2007, 7, 2. | 1.4 | 10 |
| 1006 | Voxel-based morphometry made simple. Acta Neuropsychiatrica, 2007, 19, 213-214. | 1.0 | 4 |
| 1007 | Development of the declarative memory system in the human brain. Nature Neuroscience, 2007, 10, 1198-1205. | 7.1 | 298 |
| 1008 | Acquisition and voxelwise analysis of multi-subject diffusion data with Tract-Based Spatial Statistics. Nature Protocols, 2007, 2, 499-503. | 5.5 | 526 |
| 1009 | Pituitary adenylate cyclase-activating polypeptide is associated with schizophrenia. Molecular Psychiatry, 2007, 12, 1026-1032. | 4.1 | 133 |
| 1010 | Individual differences in trait anhedonia: a structural and functional magnetic resonance imaging study in non-clinical subjects. Molecular Psychiatry, 2007, 12, 767-775. | 4.1 | 240 |
| 1011 | Gray matter volume abnormalities and externalizing symptoms in subjects at high risk for alcohol dependence. Addiction Biology, 2007, 12, 122-132. | 1.4 | 167 |
| 1012 | A magnetic resonance imaging study of mood stabilizer- and neuroleptic-naÃ⁻ve first-episode mania. Bipolar Disorders, 2007, 9, 693-697. | 1.1 | 53 |
| 1013 | The role of neuroimaging in mild cognitive impairment. Neuropathology, 2007, 27, 570-577. | 0.7 | 95 |
| | | | |
| 1014 | Voxelâ€Based Morphometry Reveals Gray Matter Abnormalities in Migraine. Headache, 2008, 48, 109-117. | 1.8 | 283 |
| 1014 1015 | Voxelâ€Based Morphometry Reveals Gray Matter Abnormalities in Migraine. Headache, 2008, 48, 109-117. Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. | 1.8 3.1 | 283 221 |
| | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied | | |
| 1015 | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. | 3.1 | 221 |
| 1015 1016 | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. Progress in neuroimaging of Alzheimer?s disease. Psychogeriatrics, 2007, 7, 118-124. Evaluation and Proposal for Optimization of Neurophysiological Tests In Migraine: Part | 3.1 0.6 | 221 5 |
| 1015 1016 1017 | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. Progress in neuroimaging of Alzheimer?s disease. Psychogeriatrics, 2007, 7, 118-124. Evaluation and Proposal for Optimization of Neurophysiological Tests In Migraine: Part 2â€"Neuroimaging and The Nitroglycerin Test. Cephalalgia, 2007, 27, 1339-1359. Effects of very low birthweight on brain structure in adulthood. Developmental Medicine and Child | 3.1 0.6 1.8 | 221 5 19 |
| 1015 1016 1017 1018 | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. Progress in neuroimaging of Alzheimer?s disease. Psychogeriatrics, 2007, 7, 118-124. Evaluation and Proposal for Optimization of Neurophysiological Tests In Migraine: Part 2â€"Neuroimaging and The Nitroglycerin Test. Cephalalgia, 2007, 27, 1339-1359. Effects of very low birthweight on brain structure in adulthood. Developmental Medicine and Child Neurology, 2004, 46, 46-53. Genetic variation in COMT and PRODH is associated with brain anatomy in patients with schizophrenia. | 3.1 0.6 1.8 1.1 | 221 5 19 94 |
| 1015 1016 1017 1018 1019 | Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1251-1258. Progress in neuroimaging of Alzheimer?s disease. Psychogeriatrics, 2007, 7, 118-124. Evaluation and Proposal for Optimization of Neurophysiological Tests In Migraine: Part 2â€"Neuroimaging and The Nitroglycerin Test. Cephalalgia, 2007, 27, 1339-1359. Effects of very low birthweight on brain structure in adulthood. Developmental Medicine and Child Neurology, 2004, 46, 46-53. Genetic variation in COMT and PRODH is associated with brain anatomy in patients with schizophrenia. Genes, Brain and Behavior, 2007, 7, 070514070132002-???. | 3.1 0.6 1.8 1.1 | 221 5 19 94 48 |

| CITATI | DEDODT |
|--------------|--------|
| ULLAL | Report |
| CILAI | |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1023 | Fractional anisotropy correlates with auditory simple reaction time performance. Brain Research, 2007, 1186, 194-202. | 1.1 | 16 |
| 1024 | Volumetric reduction of the corpus callosum in Alzheimer's disease in vivo as assessed with voxel-based morphometry. Psychiatry Research - Neuroimaging, 2007, 154, 59-68. | 0.9 | 76 |
| 1025 | Increased striatal gray matter densities in patients with schizophrenia and substance use disorder: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2007, 154, 275-279. | 0.9 | 21 |
| 1026 | Fronto-temporal-lobe atrophy in early-stage Alzheimer's disease identified using an improved detection methodology. Psychiatry Research - Neuroimaging, 2007, 155, 11-19. | 0.9 | 40 |
| 1027 | Reduced ventral anterior cingulate and amygdala volumes in medication-naÃ⁻ve females with major depressive disorder: A voxel-based morphometric magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2007, 156, 83-86. | 0.9 | 121 |
| 1028 | Human experience seeking correlates with hippocampus volume: Convergent evidence from manual tracing and voxel-based morphometry. Neuropsychologia, 2007, 45, 2874-2881. | 0.7 | 33 |
| 1029 | Increased cerebellar vermis white-matter volume in men with schizophrenia. Journal of Psychiatric Research, 2007, 41, 645-651. | 1.5 | 41 |
| 1030 | Structural brain abnormalities in the frontostriatal system and cerebellum in pedophilia. Journal of Psychiatric Research, 2007, 41, 753-762. | 1.5 | 147 |
| 1031 | Tracking Alzheimer's Disease. Annals of the New York Academy of Sciences, 2007, 1097, 183-214. | 1.8 | 209 |
| 1032 | Brain Aging and Its Modifiers: Insights from in Vivo Neuromorphometry and Susceptibility Weighted Imaging. Annals of the New York Academy of Sciences, 2007, 1097, 84-93. | 1.8 | 149 |
| 1033 | Magnetic resonance imaging of Alzheimer's disease. European Radiology, 2007, 17, 347-362. | 2.3 | 61 |
| 1034 | Global and local development of gray and white matter volume in normal children and adolescents. Experimental Brain Research, 2007, 178, 296-307. | 0.7 | 139 |
| 1035 | Precuneus atrophy in early-onset Alzheimer's disease: a morphometric structural MRI study. Neuroradiology, 2007, 49, 967-976. | 1.1 | 251 |
| 1037 | Cognitive performance in type 1 diabetes patients is associated with cerebral white matter volume. Diabetologia, 2007, 50, 1763-1769. | 2.9 | 105 |
| 1038 | Partial volume effect-corrected FDG PET and grey matter volume loss in patients with mild Alzheimer's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1658-1669. | 3.3 | 87 |
| 1039 | Functional and Anatomical Magnetic Resonance Imaging in Parkinson's Disease. Molecular Imaging and Biology, 2007, 9, 234-242. | 1.3 | 50 |
| 1040 | Multivariate Statistical Differences of MRI Samples of the Human Brain. Journal of Mathematical Imaging and Vision, 2007, 29, 95-106. | 0.8 | 21 |
| 1041 | Bio-Image Warehouse System: Concept and Implementation of a Diagnosis-Based Data Warehouse for Advanced Imaging Modalities in Neuroradiology. Journal of Digital Imaging, 2007, 20, 32-41. | 1.6 | 13 |

| # | Article | IF | CITATIONS |
|------|--|------------------|-------------------|
| 1042 | Voxel-based morphometry indicates relative preservation of the limbic prefrontal cortex in early Huntington disease. Journal of Neural Transmission, 2007, 114, 367-372. | 1.4 | 43 |
| 1043 | Structural brain abnormalities in early onset first-episode psychosis. Journal of Neural Transmission, 2007, 114, 489-498. | 1.4 | 37 |
| 1045 | Sporadic adult onset ataxia of unknown etiology. Journal of Neurology, 2007, 254, 1384-1389. | 1.8 | 52 |
| 1046 | Longitudinal CSF isoprostane and MRI atrophy in the progression to AD. Journal of Neurology, 2007, 254, 1666-1675. | 1.8 | 73 |
| 1047 | The Relationship Between Gray Matter Morphometry and Neuropsychological Performance in a Large Sample of Cognitively Healthy Adults. Brain Imaging and Behavior, 2007, 1, 3-10. | 1.1 | 53 |
| 1048 | A multivariate statistical analysis of the developing human brain in preterm infants. Image and Vision Computing, 2007, 25, 981-994. | 2.7 | 25 |
| 1049 | The effects of visual deprivation on functional and structural organization of the human brain. Neuroscience and Biobehavioral Reviews, 2007, 31, 1169-1180. | 2.9 | 127 |
| 1050 | MRI denoising using Non-Local Means. Medical Image Analysis, 2008, 12, 514-523. | 7.0 | 467 |
| 1051 | Brain volumetrics to investigate aging and the principal forms of degenerative cognitive decline: a brief review. Magnetic Resonance Imaging, 2008, 26, 1065-1070. | 1.0 | 27 |
| 1052 | Multivariate analysis of diffusion tensor imaging data improves the detection of microstructural damage in young professional boxers. Magnetic Resonance Imaging, 2008, 26, 1398-1405. | 1.0 | 19 |
| 1053 | Transport of Relational Structures in Groups of Diffeomorphisms. Journal of Mathematical Imaging and Vision, 2008, 32, 41-56. | 0.8 | 44 |
| 1054 | Diffusion Tensor Imaging of Cerebral White Matter*. Klinische Neuroradiologie, 2008, 18, 155-162. | 0.9 | 1 |
| 1055 | Alterations of the visual pathways in congenital blindness. Experimental Brain Research, 2008, 187, 41-49. | 0.7 | 196 |
| 1056 | An automated procedure for the assessment of white matter hyperintensities by multispectral (T1, T2,) Tj ETQq1 databases. Neuroradiology, 2008, 50, 31-42. | 1 0.78431 1.1 | 4 rgBT /Ove 86 |
| 1057 | Novel MRI techniques in the assessment of dementia. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 58-69. | 3.3 | 79 |
| 1059 | Variations in brain volume and regional morphology associated with chronic pain. Current Rheumatology Reports, 2008, 10, 467-474. | 2.1 | 46 |
| 1060 | Occipital-temporal Reduction and Sustained Visual Attention Deficit in Prenatal Alcohol Exposed Adults. Brain Imaging and Behavior, 2008, 2, 39-48. | 1.1 | 42 |
| 1061 | Multimodal Magnetic Resonance Imaging for Brain Disorders: Advances and Perspectives. Brain Imaging and Behavior, 2008, 2, 249-257. | 1.1 | 8 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1062 | Comparison of SPM and NEUROSTAT in voxelwise statistical analysis of brain SPECT and MRI at the early stage of Alzheimer's disease. Annals of Nuclear Medicine, 2008, 22, 921-927. | 1.2 | 44 |
| 1063 | An Artificial Immune-Activated Neural Network Applied to Brain 3D MRI Segmentation. Journal of Digital Imaging, 2008, 21, 69-88. | 1.6 | 18 |
| 1064 | No change to grey and white matter volumes in bipolar I disorder patients. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 345-349. | 1.8 | 54 |
| 1065 | Neuroanatomy of pseudobulbar affect. Journal of Neurology, 2008, 255, 406-412. | 1.8 | 49 |
| 1066 | Hippocampal head atrophy predominance in Parkinson's disease with hallucinations and with dementia. Journal of Neurology, 2008, 255, 1324-1331. | 1.8 | 123 |
| 1067 | Grey and white matter loss along cerebral midline structures in myotonic dystrophy type 2. Journal of Neurology, 2008, 255, 1904-1909. | 1.8 | 27 |
| 1068 | Structural brain change in Attention Deficit Hyperactivity Disorder identified by meta-analysis. BMC Psychiatry, 2008, 8, 51. | 1.1 | 211 |
| 1069 | Regional grey matter volumetric changes in forensic schizophrenia patients: an MRI study comparing the brain structure of patients who have seriously and violently offended with that of patients who have not. BMC Psychiatry, 2008, 8, S6. | 1.1 | 37 |
| 1070 | MR analysis of regional brain volume in adolescent idiopathic scoliosis: Neurological manifestation of a systemic disease. Journal of Magnetic Resonance Imaging, 2008, 27, 732-736. | 1.9 | 42 |
| 1071 | Voxelâ€based diffusion tensor magnetic resonance imaging evaluation of lowâ€grade hepatic encephalopathy. Journal of Magnetic Resonance Imaging, 2008, 27, 1061-1068. | 1.9 | 52 |
| 1072 | Effects of image normalization on the statistical analysis of perfusion MRI in elderly brains. Journal of Magnetic Resonance Imaging, 2008, 28, 1351-1360. | 1.9 | 5 |
| 1073 | Morphometric changes of gray matter in Parkinson's disease with depression: A voxelâ€based morphometry study. Movement Disorders, 2008, 23, 42-46. | 2.2 | 168 |
| 1074 | Robust MRI brain tissue parameter estimation by multistage outlier rejection. Magnetic Resonance in Medicine, 2008, 59, 866-873. | 1.9 | 52 |
| 1075 | Levels of error processing in Huntington's disease: A combined study using event-related potentials and voxel-based morphometry. Human Brain Mapping, 2008, 29, 121-130. | 1.9 | 50 |
| 1076 | Variability of the paracingulate sulcus and morphometry of the medial frontal cortex: Associations with cortical thickness, surface area, volume, and sulcal depth. Human Brain Mapping, 2008, 29, 222-236. | 1.9 | 106 |
| 1077 | Decrease in glucose metabolism in frontal cortex associated with deterioration of microstructure of corpus callosum measured by diffusion tensor imaging in healthy elderly. Human Brain Mapping, 2008, 29, 375-384. | 1.9 | 18 |
| 1078 | Developmental dyslexia: Gray matter abnormalities in the occipitotemporal cortex. Human Brain Mapping, 2008, 29, 613-625. | 1.9 | 149 |
| 1079 | The mirrorâ€neuron system and handedness: A "right―world?. Human Brain Mapping, 2008, 29, 1243-1254. | 1.9 | 20 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1080 | Hippocampal atrophy is the critical brain change in patients with hypoxic amnesia. Hippocampus, 2008, 18, 719-728. | 0.9 | 78 |
| 1081 | Hippocampal structural changes across the menstrual cycle. Hippocampus, 2008, 18, 985-988. | 0.9 | 200 |
| 1082 | White and gray matter abnormalities in the brain of patients with fibromyalgia: A diffusionâ€ŧensor and volumetric imaging study. Arthritis and Rheumatism, 2008, 58, 3960-3969. | 6.7 | 239 |
| 1083 | Can we use diffusion MRI as a bioâ€marker of neurodegenerative processes?. BioEssays, 2008, 30, 1235-1245. | 1.2 | 36 |
| 1084 | Brains and brands: developing mutually informative research in neuroscience and marketing. Journal of Consumer Behaviour, 2008, 7, 303-318. | 2.6 | 62 |
| 1085 | Neuroanatomy of fragile X syndrome is associated with aberrant behavior and the fragile X mental retardation protein (FMRP). Annals of Neurology, 2008, 63, 40-51. | 2.8 | 174 |
| 1086 | Hierarchical statistical shape analysis and prediction of sub-cortical brain structures. Medical Image Analysis, 2008, 12, 55-68. | 7.0 | 54 |
| 1087 | Unifying framework for multimodal brain MRI segmentation based on Hidden Markov Chains. Medical Image Analysis, 2008, 12, 639-652. | 7.0 | 73 |
| 1088 | A cellular neural network based method for classification of magnetic resonance images: Towards an automated detection of hippocampal sclerosis. Journal of Neuroscience Methods, 2008, 170, 324-331. | 1.3 | 21 |
| 1089 | Performance characterization in computer vision: A guide to best practices. Computer Vision and Image Understanding, 2008, 109, 305-334. | 3.0 | 53 |
| 1090 | Volume determination of amygdala and hippocampus at 1.5 and 3.0 T MRI in temporal lobe epilepsy. Epilepsy Research, 2008, 82, 29-37. | 0.8 | 41 |
| 1091 | Thalamic diffusion and volumetry in temporal lobe epilepsy with and without mesial temporal sclerosis. Epilepsy Research, 2008, 80, 184-193. | 0.8 | 42 |
| 1092 | Integrating evidence from neuroimaging and neuropsychological studies of obsessive-compulsive disorder: The orbitofronto-striatal model revisited. Neuroscience and Biobehavioral Reviews, 2008, 32, 525-549. | 2.9 | 1,025 |
| 1093 | Neurobiology of panic disorder: From animal models to brain neuroimaging. Neuroscience and Biobehavioral Reviews, 2008, 32, 1326-1335. | 2.9 | 116 |
| 1094 | Experimental therapeutics for refractory obsessiveâ€compulsive disorder: translational approaches and new somatic developments. Mount Sinai Journal of Medicine, 2008, 75, 174-203. | 1.9 | 8 |
| 1095 | Structural Correlates of Implicit Learning Deficits in Subjects with Developmental Dyslexia. Annals of the New York Academy of Sciences, 2008, 1145, 212-221. | 1.8 | 41 |
| 1096 | Abuse of Amphetamines and Structural Abnormalities in the Brain. Annals of the New York Academy of Sciences, 2008, 1141, 195-220. | 1.8 | 233 |
| 1097 | Voxel-based morphometry and diffusion-tensor MR imaging of the brain in long-term survivors of childhood leukemia. European Radiology, 2008, 18, 2691-2700. | 2.3 | 47 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1098 | Association between mitochondrial DNA 10398A>G polymorphism and the volume of amygdala. Genes, Brain and Behavior, 2008, 7, 698-704. | 1.1 | 12 |
| 1099 | Gray matter deficits in bipolar disorder are associated with genetic variability at interleukinâ€1 beta gene (2q13). Genes, Brain and Behavior, 2008, 7, 796-801. | 1.1 | 54 |
| 1100 | Regional Specificity of Magnetization Transfer Imaging in Multiple Sclerosis. Journal of Neuroimaging, 2008, 18, 130-136. | 1.0 | 13 |
| 1101 | Relationship Between Body Mass Index and Gray Matter Volume in 1,428 Healthy Individuals. Obesity, 2008, 16, 119-124. | 1.5 | 315 |
| 1102 | Neuroanatomical correlates of aging, cardiopulmonary fitness level, and education. Psychophysiology, 2008, 45, 825-838. | 1.2 | 140 |
| 1103 | Attack Frequency and Disease Duration as Indicators for Brain Damage in Migraine. Headache, 2008, 48, 1044-1055. | 1.8 | 198 |
| 1104 | Voxelâ€based morphometry of temporal lobe epilepsy: An introduction and review of the literature. Epilepsia, 2008, 49, 741-757. | 2.6 | 369 |
| 1105 | Altered frontostriatal coupling in preâ€manifest Huntington's disease: effects of increasing cognitive load. European Journal of Neurology, 2008, 15, 1180-1190. | 1.7 | 68 |
| 1106 | Regional Grey Matter Changes in Patients With Migraine: A Voxel-Based Morphometry Study. Cephalalgia, 2008, 28, 598-604. | 1.8 | 280 |
| 1107 | Anterior cingulate cortex volume reduction in patients with panic disorder. Psychiatry and Clinical Neurosciences, 2008, 62, 322-330. | 1.0 | 96 |
| 1108 | Covarianceâ€based subdivision of the human striatum using T1â€weighted MRI. European Journal of Neuroscience, 2008, 27, 1534-1546. | 1.2 | 25 |
| 1109 | White matter abnormalities in bipolar disorder: a voxelâ€based diffusion tensor imaging study. Bipolar Disorders, 2008, 10, 460-468. | 1.1 | 134 |
| 1110 | Volumetric neuroimaging investigations in mood disorders: bipolar disorder versus major depressive disorder. Bipolar Disorders, 2008, 10, 1-37. | 1.1 | 245 |
| 1111 | A Novel 3-D Image-Based Morphological Method for Phenotypic Analysis. IEEE Transactions on Biomedical Engineering, 2008, 55, 2826-2831. | 2.5 | 28 |
| 1112 | Generalized Tensor-Based Morphometry of HIV/AIDS Using Multivariate Statistics on Deformation Tensors. IEEE Transactions on Medical Imaging, 2008, 27, 129-141. | 5.4 | 154 |
| 1113 | Hamilton–Jacobi Skeleton on Cortical Surfaces. IEEE Transactions on Medical Imaging, 2008, 27, 664-673. | 5.4 | 42 |
| 1114 | ORBIT: A Multiresolution Framework for Deformable Registration of Brain Tumor Images. IEEE Transactions on Medical Imaging, 2008, 27, 1003-1017. | 5.4 | 89 |
| 1115 | TIPIT: A randomised controlled trial of thyroxine in preterm infants under 28 weeks gestation: Magnetic Resonance Imaging and Magnetic Resonance Angiography protocol. BMC Pediatrics, 2008, 8, 26. | 0.7 | 4 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1116 | Low birthweight and preterm birth in young people with special educational needs: a magnetic resonance imaging analysis. BMC Medicine, 2008, 6, 1. | 2.3 | 47 |
| 1117 | 3D mapping of language networks in clinical and pre-clinical Alzheimer's disease. Brain and Language, 2008, 104, 33-41. | 0.8 | 66 |
| 1118 | Greater intake of vitamins B6 and B12 spares gray matter in healthy elderly: A voxel-based morphometry study. Brain Research, 2008, 1199, 20-26. | 1.1 | 40 |
| 1119 | Dedifferentiation in the visual cortex: An fMRI investigation of individual differences in older adults. Brain Research, 2008, 1244, 121-131. | 1.1 | 115 |
| 1120 | Structural brain imaging in diabetes: A methodological perspective. European Journal of Pharmacology, 2008, 585, 208-218. | 1.7 | 46 |
| 1121 | Gray matter reduction associated with psychopathology and cognitive dysfunction in unipolar depression: A voxel-based morphometry study. Journal of Affective Disorders, 2008, 109, 107-116. | 2.0 | 197 |
| 1122 | Brain structure and symptom dimension relationships in obsessive–compulsive disorder: A voxel-based morphometry study. Journal of Affective Disorders, 2008, 109, 117-126. | 2.0 | 102 |
| 1123 | No structural cerebral differences between children with a history of bacterial meningitis and healthy siblings. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 1390-1396. | 0.7 | 6 |
| 1124 | Language Processing in Frontotemporal Dementia: A Brief Review. Language and Linguistics Compass, 2008, 2, 18-35. | 1.3 | 14 |
| 1125 | Brain Volume Reductions within Multiple Cognitive Systems in Male Preterm Children at Age Twelve. Journal of Pediatrics, 2008, 152, 513-520.e1. | 0.9 | 131 |
| 1126 | Frontolimbic structural changes in borderline personality disorder. Journal of Psychiatric Research, 2008, 42, 727-733. | 1.5 | 114 |
| 1127 | Regional gray matter abnormalities in panic disorder: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2008, 163, 21-29. | 0.9 | 134 |
| 1128 | Light to moderate alcohol use is associated with increased cortical gray matter in middle-aged men: A voxel-based morphometric study. Psychiatry Research - Neuroimaging, 2008, 163, 61-69. | 0.9 | 27 |
| 1129 | Inferior frontal white matter volume and suicidality in schizophrenia. Psychiatry Research - Neuroimaging, 2008, 164, 206-214. | 0.9 | 79 |
| 1130 | Absence of gender effect on children with attention-deficit/hyperactivity disorder as assessed by optimized voxel-based morphometry. Psychiatry Research - Neuroimaging, 2008, 164, 245-253. | 0.9 | 37 |
| 1131 | Investigating possible subtypes of schizophrenia patients and controls based on brain cortical thickness. Psychiatry Research - Neuroimaging, 2008, 164, 254-264. | 0.9 | 8 |
| 1132 | Pattern of brain atrophy in elderly patients with depression revealed by voxel-based morphometry. Psychiatry Research - Neuroimaging, 2008, 164, 237-244. | 0.9 | 92 |
| 1133 | Reduced caudate gray matter volume in women with major depressive disorder. Psychiatry Research - Neuroimaging, 2008, 164, 114-122. | 0.9 | 153 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1134 | Neuroanatomical correlates of neurological soft signs in antipsychotic-naive schizophrenia. Psychiatry Research - Neuroimaging, 2008, 164, 215-222. | 0.9 | 68 |
| 1135 | Defective emotion recognition in early HD is neuropsychologically and anatomically generic. Neuropsychologia, 2008, 46, 2152-2160. | 0.7 | 93 |
| 1136 | Prion protein M129V polymorphism affects retrieval-related brain activity. Neuropsychologia, 2008, 46, 2389-2402. | 0.7 | 13 |
| 1137 | The contribution of white and gray matter differences to developmental dyslexia: Insights from DTI and VBM at 3.0T. Neuropsychologia, 2008, 46, 3170-3178. | 0.7 | 189 |
| 1138 | Voxel-based morphometry in schizophrenia: implications for neurodevelopmental connectivity models, cognition and affect. Expert Review of Neurotherapeutics, 2008, 8, 1049-1065. | 1.4 | 61 |
| 1139 | A large scale (N=400) investigation of gray matter differences in schizophrenia using optimized voxel-based morphometry. Schizophrenia Research, 2008, 101, 95-105. | 1.1 | 110 |
| 1140 | Neurological basis of poor insight in psychosis: A voxel-based MRI study. Schizophrenia Research, 2008, 103, 40-51. | 1.1 | 85 |
| 1141 | Neuroanatomical substrates of foresight in schizophrenia. Schizophrenia Research, 2008, 103, 62-70. | 1.1 | 20 |
| 1142 | Theory of mind and frontal lobe pathology in schizophrenia: A voxel-based morphometry study. Schizophrenia Research, 2008, 105, 165-174. | 1.1 | 87 |
| 1143 | Reductions in frontal, temporal and parietal volume associated with the onset of psychosis. Schizophrenia Research, 2008, 106, 108-114. | 1.1 | 210 |
| 1144 | The major symptom dimensions of obsessive-compulsive disorder are mediated by partially distinct neural systems. Brain, 2008, 132, 853-868. | 3.7 | 379 |
| 1145 | Atypical cortical connectivity and visuospatial cognitive impairments are related in children with chromosome 22q11.2 deletion syndrome. Behavioral and Brain Functions, 2008, 4, 25. | 1.4 | 51 |
| 1146 | STRUCTURAL MRI PREDICTORS OF RESPONSIVENESS TO COGNITIVE BEHAVIOURAL THERAPY IN PSYCHOSIS. Schizophrenia Research, 2008, 102, 73. | 1.1 | 0 |
| 1149 | CAN CORTICAL THICKNESS ANALYSIS IN AT RISK MENTAL STATE CONTRIBUTE TO EARLY DETECTION OF PSYCHOSIS?. Schizophrenia Research, 2008, 102, 77-78. | 1.1 | 0 |
| 1150 | Reduction of the Internal Capsule in Families Affected with Schizophrenia. Biological Psychiatry, 2008, 63, 65-71. | 0.7 | 40 |
| 1151 | Increased Right Prefrontal Cortical Folding in Adolescents at Risk of Schizophrenia for Cognitive Reasons. Biological Psychiatry, 2008, 63, 80-85. | 0.7 | 49 |
| 1152 | Is Gray Matter Volume an Intermediate Phenotype for Schizophrenia? A Voxel-Based Morphometry Study of Patients with Schizophrenia and Their Healthy Siblings. Biological Psychiatry, 2008, 63, 465-474. | 0.7 | 179 |
| 1153 | Evidence for Acquired Pregenual Anterior Cingulate Gray Matter Loss from a Twin Study of Combat-Related Posttraumatic Stress Disorder. Biological Psychiatry, 2008, 63, 550-556. | 0.7 | 317 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1154 | Anomalous Cerebral Asymmetry in Patients with Schizophrenia Demonstrated by Voxel-Based Morphometry. Biological Psychiatry, 2008, 63, 793-800. | 0.7 | 69 |
| 1155 | Genetic Variation in the DAOA (G72) Gene Modulates Hippocampal Function in Subjects at High Risk of Schizophrenia. Biological Psychiatry, 2008, 64, 428-433. | 0.7 | 49 |
| 1156 | Meta-Analysis of Gray Matter Anomalies in Schizophrenia: Application of Anatomic Likelihood Estimation and Network Analysis. Biological Psychiatry, 2008, 64, 774-781. | 0.7 | 557 |
| 1157 | Interleukin-6 Covaries Inversely with Hippocampal Grey Matter Volume in Middle-Aged Adults. Biological Psychiatry, 2008, 64, 484-490. | 0.7 | 290 |
| 1158 | Influence of Vascular Endothelial Growth Factor Variation on Human Hippocampus Morphology. Biological Psychiatry, 2008, 64, 901-903. | 0.7 | 52 |
| 1159 | Relationship Between Body Mass Index and Brain Volume in Healthy Adults. International Journal of Neuroscience, 2008, 118, 1582-1593. | 0.8 | 188 |
| 1160 | White matter abnormalities in subjects at ultra high-risk for schizophrenia and first-episode schizophrenic patients. Schizophrenia Research, 2008, 102, 141-149. | 1.1 | 74 |
| 1161 | Automated Method for Identification of Patients With Alzheimer's Disease Based on Three-dimensional MR Images. Academic Radiology, 2008, 15, 274-284. | 1.3 | 36 |
| 1162 | Differential Contributions of Prefrontal and Hippocampal Dopamine D ₁ and D ₂ Receptors in Human Cognitive Functions. Journal of Neuroscience, 2008, 28, 12032-12038. | 1.7 | 152 |
| 1163 | Patterns of cerebral white matter damage and cognitive impairment in adolescents born very preterm. International Journal of Developmental Neuroscience, 2008, 26, 647-654. | 0.7 | 95 |
| 1164 | Second-language learning and changes in the brain. Journal of Neurolinguistics, 2008, 21, 509-521. | 0.5 | 144 |
| 1165 | Sentence comprehension and voxel-based morphometry in progressive nonfluent aphasia, semantic dementia, and nonaphasic frontotemporal dementia. Journal of Neurolinguistics, 2008, 21, 418-432. | 0.5 | 102 |
| 1167 | Gray matter differences between pediatric obsessive-compulsive disorder patients and high-risk siblings: A preliminary voxel-based morphometry study. Neuroscience Letters, 2008, 435, 45-50. | 1.0 | 65 |
| 1168 | Structural and functional deficits in human amblyopia. Neuroscience Letters, 2008, 437, 5-9. | 1.0 | 23 |
| 1169 | Frontal lobe structure and executive function in migraine patients. Neuroscience Letters, 2008, 440, 92-96. | 1.0 | 127 |
| 1170 | Cognitive abilities independent of IQ correlate with regional brain structure. Intelligence, 2008, 36, 18-28. | 1.6 | 39 |
| 1171 | Inspection time and cognitive abilities in twins aged 7 to 17Âyears: Age-related changes, heritability and genetic covariance. Intelligence, 2008, 36, 210-225. | 1.6 | 31 |
| 1172 | Voxel-based morphometry in autopsy proven PSP and CBD. Neurobiology of Aging, 2008, 29, 280-289. | 1.5 | 221 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1173 | Argyrophilic grains: A distinct disease or an additive pathology?. Neurobiology of Aging, 2008, 29, 566-573. | 1.5 | 70 |
| 1174 | A non-toxic ligand for voxel-based MRI analysis of plaques in AD transgenic mice. Neurobiology of Aging, 2008, 29, 836-847. | 1.5 | 60 |
| 1175 | A structural equation modeling investigation of age-related variance in executive function and DTI measured white matter damage. Neurobiology of Aging, 2008, 29, 1547-1555. | 1.5 | 88 |
| 1176 | Anatomic correlates of stereotypies in frontotemporal lobar degeneration. Neurobiology of Aging, 2008, 29, 1859-1863. | 1.5 | 40 |
| 1177 | The Brain in Chronic CRPS Pain: Abnormal Gray-White Matter Interactions in Emotional and Autonomic Regions. Neuron, 2008, 60, 570-581. | 3.8 | 440 |
| 1178 | Sex differences in sensory gating of the thalamus during auditory interference of visual attention tasks. Neuroscience, 2008, 151, 1006-1015. | 1.1 | 23 |
| 1179 | Grey matter atrophy in early versus late dementia in Parkinson's disease. Parkinsonism and Related Disorders, 2008, 14, 620-625. | 1.1 | 18 |
| 1180 | Schizophrenia with auditory hallucinations: A voxel-based morphometry study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 72-80. | 2.5 | 100 |
| 1181 | Differential clinical, structural and P300 parameters in schizophrenia patients resistant to conventional neuroleptics. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 257-266. | 2.5 | 29 |
| 1182 | Investigating the neuropsychological and neuroanatomical changes that occur over the first 2–3Åyears of illness in patients with first-episode schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 531-538. | 2.5 | 37 |
| 1183 | The use of neuroimaging to study behavior in patients with epilepsy. Epilepsy and Behavior, 2008, 12, 600-611. | 0.9 | 14 |
| 1184 | Correlation of cognitive functions with voxel-based morphometry in patients with hippocampal sclerosis. Epilepsy and Behavior, 2008, 12, 472-476. | 0.9 | 32 |
| 1185 | Long-term estrogen therapy and 5-HT2A receptor binding in postmenopausal women; a single photon emission tomography (SPET) study. Hormones and Behavior, 2008, 53, 61-68. | 1.0 | 25 |
| 1186 | Whole-brain voxel-based morphometry of white matter in medial temporal lobe epilepsy. European Journal of Radiology, 2008, 65, 86-90. | 1.2 | 22 |
| 1187 | Clock drawing performance and brain morphology in mild cognitive impairment and Alzheimer's disease. Brain and Cognition, 2008, 67, 88-93. | 0.8 | 52 |
| 1188 | Training-induced structural changes in the adult human brain. Behavioural Brain Research, 2008, 192, 137-142. | 1.2 | 362 |
| 1189 | Association between a longer duration of illness, age and lower frontal lobe grey matter volume in schizophrenia. Behavioural Brain Research, 2008, 193, 132-139. | 1.2 | 47 |
| 1190 | Cortical grey matter volume and sensorimotor gating in schizophrenia. Cortex, 2008, 44, 1206-1214. | 1.1 | 65 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1191 | Pure alexia as a disconnection syndrome: New diffusion imaging evidence for an old concept. Cortex, 2008, 44, 962-974. | 1.1 | 271 |
| 1192 | Translating Principles of Neural Plasticity Into Research on Speech Motor Control Recovery and Rehabilitation. Journal of Speech, Language, and Hearing Research, 2008, 51, S240-58. | 0.7 | 71 |
| 1193 | Assessment of brain growth in early childhood using deformation-based morphometry. NeuroImage, 2008, 39, 348-358. | 2.1 | 57 |
| 1194 | Automatic curvilinear reformatting of three-dimensional MRI data of the cerebral cortex. NeuroImage, 2008, 39, 80-86. | 2.1 | 27 |
| 1195 | Projection of fMRI data onto the cortical surface using anatomically-informed convolution kernels. NeuroImage, 2008, 39, 127-135. | 2.1 | 26 |
| 1196 | Optimized voxel-based morphometry in children with developmental dyscalculia. NeuroImage, 2008, 39, 417-422. | 2.1 | 234 |
| 1197 | Normal database of dopaminergic neurotransmission system in human brain measured by positron emission tomography. NeuroImage, 2008, 39, 555-565. | 2.1 | 75 |
| 1198 | Gender differences and age-related white matter changes of the human brain: A diffusion tensor imaging study. NeuroImage, 2008, 39, 566-577. | 2.1 | 274 |
| 1199 | Improving the analysis, storage and sharing of neuroimaging data using relational databases and distributed computing. NeuroImage, 2008, 39, 693-706. | 2.1 | 33 |
| 1200 | Composite voxel-based analysis of volume and T2 relaxometry in temporal lobe epilepsy. NeuroImage, 2008, 39, 1151-1161. | 2.1 | 44 |
| 1201 | Neuroimaging of individuals with Down's syndrome at-risk for dementia: Evidence for possible compensatory events. NeuroImage, 2008, 39, 1324-1332. | 2.1 | 65 |
| 1202 | Interpreting scan data acquired from multiple scanners: A study with Alzheimer's disease. NeuroImage, 2008, 39, 1180-1185. | 2.1 | 200 |
| 1203 | Brain anatomy differences in childhood stuttering. NeuroImage, 2008, 39, 1333-1344. | 2.1 | 247 |
| 1204 | Alzheimer's disease diagnosis in individual subjects using structural MR images: Validation studies. Neurolmage, 2008, 39, 1186-1197. | 2.1 | 391 |
| 1205 | Structural consequences of diffuse traumatic brain injury: A large deformation tensor-based morphometry study. NeuroImage, 2008, 39, 1014-1026. | 2.1 | 142 |
| 1206 | The impact of skull-stripping and radio-frequency bias correction on grey-matter segmentation for voxel-based morphometry. Neurolmage, 2008, 39, 1654-1665. | 2.1 | 95 |
| 1207 | The topographical distribution of tissue injury in benign MS: A 3T multiparametric MRI study. NeuroImage, 2008, 39, 1499-1509. | 2.1 | 49 |
| 1208 | Parallel transport in diffeomorphisms distinguishes the time-dependent pattern of hippocampal surface deformation due to healthy aging and the dementia of the Alzheimer's type. NeuroImage, 2008, 40, 68-76. | 2.1 | 84 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1209 | Cortical metabolic changes in the cerebellar variant of multiple system atrophy: A voxel-based FDG-PET study in 41 patients. NeuroImage, 2008, 40, 796-801. | 2.1 | 29 |
| 1210 | False positives in imaging genetics. NeuroImage, 2008, 40, 655-661. | 2.1 | 107 |
| 1211 | Voxel-based diffusion tensor imaging in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. NeuroImage, 2008, 40, 728-737. | 2.1 | 255 |
| 1212 | Association of 5′ end neuregulin-1 (NRG1) gene variation with subcortical medial frontal microstructure in humans. NeuroImage, 2008, 40, 712-718. | 2.1 | 86 |
| 1213 | Ten simple rules for reporting voxel-based morphometry studies. NeuroImage, 2008, 40, 1429-1435. | 2.1 | 221 |
| 1214 | Structure-specific statistical mapping of white matter tracts. NeuroImage, 2008, 41, 448-461. | 2.1 | 158 |
| 1215 | Voxel-based cortical thickness measurements in MRI. NeuroImage, 2008, 40, 1701-1710. | 2.1 | 186 |
| 1216 | Reproducibility of brain tissue volumes in longitudinal studies: Effects of changes in signal-to-noise ratio and scanner software. NeuroImage, 2008, 41, 371-379. | 2.1 | 54 |
| 1217 | Accelerated cerebral white matter development in preterm infants: A voxel-based morphometry study with diffusion tensor MR imaging. NeuroImage, 2008, 41, 728-734. | 2.1 | 83 |
| 1218 | Structural and functional biomarkers of prodromal Alzheimer's disease: A high-dimensional pattern classification study. NeuroImage, 2008, 41, 277-285. | 2.1 | 283 |
| 1219 | Template-O-Matic: A toolbox for creating customized pediatric templates. NeuroImage, 2008, 41, 903-913. | 2.1 | 339 |
| 1220 | Cognitive processing speed and the structure of white matter pathways: Convergent evidence from normal variation and lesion studies. NeuroImage, 2008, 42, 1032-1044. | 2.1 | 413 |
| 1221 | A voxel-based morphometry study of grey matter loss in MS patients with different clinical phenotypes. NeuroImage, 2008, 42, 315-322. | 2.1 | 189 |
| 1222 | Brain structural abnormalities in survivors of pediatric posterior fossa brain tumors: A voxel-based morphometry study using free-form deformation. NeuroImage, 2008, 42, 218-229. | 2.1 | 16 |
| 1223 | Application of principal component analysis to distinguish patients with schizophrenia from healthy controls based on fractional anisotropy measurements. NeuroImage, 2008, 42, 675-682. | 2.1 | 69 |
| 1224 | Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal Alzheimer's disease images. NeuroImage, 2008, 42, 696-709. | 2.1 | 32 |
| 1225 | Mapping limbic network organization in temporal lobe epilepsy using morphometric correlations: Insights on the relation between mesiotemporal connectivity and cortical atrophy. NeuroImage, 2008, 42, 515-524. | 2.1 | 174 |
| 1226 | Antemortem MRI based STructural Abnormality iNDex (STAND)-scores correlate with postmortem Braak neurofibrillary tangle stage. NeuroImage, 2008, 42, 559-567. | 2.1 | 152 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1227 | Effects of spatial transformation on regional brain volume estimates. NeuroImage, 2008, 42, 535-547. | 2.1 | 41 |
| 1228 | Validation of a fully automated 3D hippocampal segmentation method using subjects with Alzheimer's disease mild cognitive impairment, and elderly controls. NeuroImage, 2008, 43, 59-68. | 2.1 | 181 |
| 1229 | On the construction of an inter-subject diffusion tensor magnetic resonance atlas of the healthy human brain. NeuroImage, 2008, 43, 69-80. | 2.1 | 76 |
| 1230 | Sulcal morphology changes and their relationship with cortical thickness and gyral white matter volume in mild cognitive impairment and Alzheimer's disease. NeuroImage, 2008, 43, 103-113. | 2.1 | 163 |
| 1231 | The multiple synaesthete E.S. — Neuroanatomical basis of interval-taste and tone-colour synaesthesia. NeuroImage, 2008, 43, 192-203. | 2.1 | 83 |
| 1232 | Detection of structural changes of the human brain in longitudinally acquired MR images by deformation field morphometry: Methodological analysis, validation and application. NeuroImage, 2008, 43, 269-287. | 2.1 | 34 |
| 1233 | Measurement of brain atrophy in subcortical vascular disease: A comparison of different approaches and the impact of ischaemic lesions. NeuroImage, 2008, 43, 312-320. | 2.1 | 27 |
| 1234 | Automated morphological analysis of magnetic resonance brain imaging using spectral analysis. NeuroImage, 2008, 43, 225-235. | 2.1 | 30 |
| 1235 | Emotional decision-making and its dissociable components in schizophrenia and schizoaffective disorder: A behavioural and MRI investigation. Neuropsychologia, 2008, 46, 2002-2012. | 0.7 | 59 |
| 1236 | Left orbitofrontal and superior temporal gyrus structural changes associated to suicidal behavior in patients with schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1673-1676. | 2.5 | 105 |
| 1237 | Schizophrenia as a progressive brain disease. European Psychiatry, 2008, 23, 245-254. | 0.1 | 77 |
| 1238 | Volumetric abnormalities associated with cognitive deficits in patients with schizophrenia. European Psychiatry, 2008, 23, 541-548. | 0.1 | 76 |
| 1239 | Core candidate neurochemical and imaging biomarkers of Alzheimer's disease. Alzheimer's and Dementia, 2008, 4, 38-48. | 0.4 | 447 |
| 1240 | Basal forebrain atrophy is a presymptomatic marker for Alzheimer's disease. Alzheimer's and Dementia, 2008, 4, 271-279. | 0.4 | 86 |
| 1241 | Longitudinal neuroanatomical changes determined by deformation-based morphometry in a mouse model of Alzheimer's disease. NeuroImage, 2008, 42, 19-27. | 2.1 | 134 |
| 1242 | Structural neural correlates of impairments in social cognition in first episode psychosis. Social Neuroscience, 2008, 3, 79-88. | 0.7 | 31 |
| 1243 | Cortical Plasticity Following Nerve Transfer in the Upper Extremity. Hand Clinics, 2008, 24, 425-444. | 0.4 | 77 |
| 1244 | Subcortical Gray Matter Volume Abnormalities in Healthy Bipolar Offspring: Potential Neuroanatomical Risk Marker for Bipolar Disorder?. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 532-539. | 0.3 | 107 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1245 | Structural brain alterations in subjects at high-risk of psychosis: A voxel-based morphometric study. Schizophrenia Research, 2008, 102, 150-162. | 1.1 | 132 |
| 1246 | Regional Gray Matter Volume Deficits in Adolescents With First-Episode Psychosis. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 1311-1320. | 0.3 | 77 |
| 1247 | Morphometric Brain Abnormalities in Boys With Conduct Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 540-547. | 0.3 | 215 |
| 1248 | Brain Atrophy Assessment in Multiple Sclerosis: Importance and Limitations. Neuroimaging Clinics of North America, 2008, 18, 675-686. | 0.5 | 68 |
| 1249 | Disrupted White Matter Integrity in Heroin Dependence: A Controlled Study Utilizing Diffusion Tensor Imaging. American Journal of Drug and Alcohol Abuse, 2008, 34, 562-575. | 1.1 | 76 |
| 1250 | Gray Matter Atrophy in Patients With Ischemic Stroke With Cognitive Impairment. Stroke, 2008, 39, 785-793. | 1.0 | 135 |
| 1251 | Whole brain-based computerized neuroimaging in ALS and other motor neuron disorders. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2008, 9, 238-248. | 2.3 | 25 |
| 1252 | A structural–functional basis for dyslexia in the cortex of Chinese readers. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5561-5566. | 3.3 | 231 |
| 1253 | Comparison between Voxel-based Morphometry and Volumetric Analysis in Schizophrenia. , 2008, , . | | 1 |
| 1254 | Feature Extraction and Strategy of Analyzing Structural Neuroimaging in Dementia. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2008, 89, 75-86. | 1.0 | 1 |
| 1255 | Multiplicative versus Additive Bias Field Models for Unified Partial-Volume Segmentation and Inhomogeneity Correction in Brain MR Images. , 2008, , . | | 0 |
| 1256 | A framework for tissue discrimination in Magnetic Resonance brain images based on predicates analysis and Compensatory Fuzzy Logic. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2008, 2, 207-222. | 0.5 | 9 |
| 1257 | Investigation of mindfulness meditation practitioners with voxel-based morphometry. Social Cognitive and Affective Neuroscience, 2008, 3, 55-61. | 1.5 | 426 |
| 1258 | Reduced thalamic grey matter volume in opioid dependence is influenced by degree of alcohol use: a voxel-based morphometry study. Journal of Psychopharmacology, 2008, 22, 7-10. | 2.0 | 32 |
| 1259 | The neural bases of obsessive–compulsive disorder in children and adults. Development and Psychopathology, 2008, 20, 1251-1283. | 1.4 | 268 |
| 1260 | Altered Diffusion in the Frontal Lobe in Parkinson Disease. American Journal of Neuroradiology, 2008, 29, 501-505. | 1.2 | 177 |
| 1261 | Voxel-Based Analysis of Gray Matter and CSF Space in Idiopathic Normal Pressure Hydrocephalus. Dementia and Geriatric Cognitive Disorders, 2008, 25, 329-335. | 0.7 | 69 |
| 1262 | Different Atrophic Patterns in Early- and Late-Onset Alzheimer's Disease and Evaluation of Clinical Utility of a Method of Regional z-Score Analysis Using Voxel-Based Morphometry. Dementia and Geriatric Cognitive Disorders, 2008, 26, 175-186. | 0.7 | 37 |

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|---|---------|----|------|-------|
| | | | | ו גוו |
| | | | | |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1263 | Differential Hypometabolism Patterns according to Mild Cognitive Impairment Subtypes. Dementia and Geriatric Cognitive Disorders, 2008, 26, 490-498. | 0.7 | 19 |
| 1264 | Differentiation of Early-Stage Alzheimer's Disease from Other Types of Dementia Using Brain Perfusion Single Photon Emission Computed Tomography with Easy Z-Score Imaging System Analysis. Dementia and Geriatric Cognitive Disorders, 2008, 26, 547-555. | 0.7 | 23 |
| 1265 | Neuroimaging correlates of subjective memory deficits in a community population. Neurology, 2008, 70, 1601-1607. | 1.5 | 104 |
| 1266 | Essential Head Tremor Is Associated with Cerebellar Vermis Atrophy: A Volumetric and Voxel-Based Morphometry MR Imaging Study. American Journal of Neuroradiology, 2008, 29, 1692-1697. | 1.2 | 158 |
| 1267 | ICA for Fusion of Brain Imaging Data. , 2008, , 221-240. | | 9 |
| 1268 | Apolipoprotein E Îμ4 Allele Is Associated with Increased Atrophy in Progressive Mild Cognitive Impairment: A Voxel-Based Morphometric Study. Neurodegenerative Diseases, 2008, 5, 186-189. | 0.8 | 35 |
| 1269 | Apolipoprotein E Polymorphism and Brain Morphology in Mild Cognitive Impairment. Dementia and Geriatric Cognitive Disorders, 2008, 26, 300-305. | 0.7 | 23 |
| 1270 | Partial volume effect of cingulum tract in diffusion-tensor MRI. Proceedings of SPIE, 2008, , . | 0.8 | 0 |
| 1271 | Anatomical equivalence class based complete morphological descriptor for robust image analysis and abnormality detection. , 2008, , . | | 0 |
| 1272 | Gender differences in brain development in Chinese children and adolescents: a structural MRI study. , 2008, , . | | 0 |
| 1273 | Total and Regional Gray Matter Volume Is Not Related to APOE*E4 Status in a Community Sample of Middle-Aged Individuals. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 501-504. | 1.7 | 50 |
| 1274 | White matter connections reflect changes in voluntary-guided saccades in pre-symptomatic Huntington's disease. Brain, 2008, 131, 196-204. | 3.7 | 153 |
| 1275 | The tauopathy associated with mutation +3 in intron 10 of Tau: characterization of the MSTD family. Brain, 2008, 131, 72-89. | 3.7 | 98 |
| 1276 | Fear conditioning in frontotemporal lobar degeneration and Alzheimer's disease. Brain, 2008, 131, 1646-1657. | 3.7 | 96 |
| 1277 | Misclassified Tissue Volumes in Alzheimer Disease Patients With White Matter Hyperintensities. Stroke, 2008, 39, 1134-1141. | 1.0 | 52 |
| 1278 | Assessment of the Contribution of the External Carotid Artery to Brain Perfusion in Patients With Internal Carotid Artery Occlusion. Stroke, 2008, 39, 3003-3008. | 1.0 | 70 |
| 1279 | A Magnetic Resonance Imaging Voxel-Based Morphometry Study of Regional Gray Matter Atrophy in Patients With Benign Multiple Sclerosis. Archives of Neurology, 2008, 65, 1223-30. | 4.9 | 64 |
| 1280 | Computer-aided diagnostic method for classification of Alzheimer's disease with atrophic image features on MR images. Proceedings of SPIE, 2008, , . | 0.8 | 0 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 1281 | Source based morphometry using structural MRI phase images to identify sources of gray matter and white matter relative differences in schizophrenia versus controls. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , . | 1.8 | 2 |
| 1282 | Grey and white matter distribution in very preterm adolescents mediates neurodevelopmental outcome. Brain, 2008, 131, 205-217. | 3.7 | 353 |
| 1283 | Gray Matter Increase Induced by Practice Correlates with Task-Specific Activation: A Combined Functional and Morphometric Magnetic Resonance Imaging Study. Journal of Neuroscience, 2008, 28, 4210-4215. | 1.7 | 202 |
| 1284 | Combining Voxel-based Morphometry with Artifical Neural Network Theory in the Application Research of Diagnosing Alzheimer's Disease. , 2008, , . | | 17 |
| 1285 | Evidence of thalamic gray matter loss in pediatric multiple sclerosis. Neurology, 2008, 70, 1107-1112. | 1.5 | 258 |
| 1286 | Practice Makes Cortex: Figure 1 Journal of Neuroscience, 2008, 28, 8655-8657. | 1.7 | 12 |
| 1287 | Mapping White Matter Integrity and Neurobehavioral Correlates in Children with Fetal Alcohol Spectrum Disorders. Journal of Neuroscience, 2008, 28, 1313-1319. | 1.7 | 157 |
| 1288 | Age-Related Regional Network of Magnetic Resonance Imaging Gray Matter in the Rhesus Macaque. Journal of Neuroscience, 2008, 28, 2710-2718. | 1.7 | 78 |
| 1289 | Deformation Field Morphometry Reveals Age-Related Structural Differences between the Brains of Adults up to 51 Years. Journal of Neuroscience, 2008, 28, 828-842. | 1.7 | 61 |
| 1290 | Individual Differences in Stressor-Evoked Blood Pressure Reactivity Vary with Activation, Volume, and Functional Connectivity of the Amygdala. Journal of Neuroscience, 2008, 28, 990-999. | 1.7 | 236 |
| 1291 | Depression-Related Variation in Brain Morphology Over 3 Years. Archives of General Psychiatry, 2008, 65, 1156. | 13.8 | 329 |
| 1292 | Gender-Common and -Specific Neuroanatomical Basis of Human Anxiety-Related Personality Traits. Cerebral Cortex, 2008, 18, 46-52. | 1.6 | 105 |
| 1293 | Chronic cigarette smoking and the microstructural integrity of white matter in healthy adults: A diffusion tensor imaging study. Nicotine and Tobacco Research, 2008, 10, 137-147. | 1.4 | 111 |
| 1294 | Voxel-based morphometry in Alzheimer's disease. Expert Review of Neurotherapeutics, 2008, 8, 1691-1702. | 1.4 | 114 |
| 1295 | VBM anticipates the rate of progression of Alzheimer disease. Neurology, 2008, 70, 2201-2211. | 1.5 | 68 |
| 1296 | Discrimination between Alzheimer Disease, Mild Cognitive Impairment, and Normal Aging by Using Automated Segmentation of the Hippocampus. Radiology, 2008, 248, 194-201. | 3.6 | 233 |
| 1297 | Functional Polymorphisms in PRODH Are Associated with Risk and Protection for Schizophrenia and Fronto-Striatal Structure and Function. PLoS Genetics, 2008, 4, e1000252. | 1.5 | 94 |
| 1298 | Longitudinal analysis of regional grey matter loss in Huntington disease: effects of the length of the expanded CAG repeat. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 130-135. | 0.9 | 98 |

| | | Citation R | CITATION REPORT | |
|------|--|-----------------------------------|-----------------|-----------|
| # | Article | | IF | Citations |
| 1299 | Hippocampal and thalamic atrophy in mild temporal lobe epilepsy. Neurology, 2008, 71 | l, 1094-1101. | 1.5 | 91 |
| 1300 | Regional white matter decreases in alzheimer's disease using optimized voxel-based mo Radiologica, 2008, 49, 84-90. | orphometry. Acta | 0.5 | 33 |
| 1301 | The anatomic correlate of prosopagnosia in semantic dementia. Neurology, 2008, 71, 1 | 1628-1633. | 1.5 | 104 |
| 1302 | Increase in prefrontal cortical volume following cognitive behavioural therapy in patient chronic fatigue syndrome. Brain, 2008, 131, 2172-2180. | ts with | 3.7 | 205 |
| 1303 | Distinct MRI Atrophy Patterns in Autopsy-Proven Alzheimer's Disease and Frontotempo Degeneration. American Journal of Alzheimer's Disease and Other Dementias, 2008, 22 | | 0.9 | 232 |
| 1304 | Whole-Brain Voxel-Based Morphometry in Kallmann Syndrome Associated with Mirror M American Journal of Neuroradiology, 2008, 29, 1799-1804. | Movements. | 1.2 | 19 |
| 1305 | Advances in Cognitive Neurodynamics ICCN 2007. , 2008, , . | | | 1 |
| 1306 | Amnestic Mild Cognitive Impairment: Structural MR Imaging Findings Predictive of Con Alzheimer Disease. American Journal of Neuroradiology, 2008, 29, 944-949. | version to | 1.2 | 162 |
| 1307 | Relating Imaging Indices of White Matter Integrity and Volume in Healthy Older Adults. Cortex, 2008, 18, 433-442. | . Cerebral | 1.6 | 133 |
| 1308 | The Diagnosis of Alzheimer's Disease Based on Voxel-Based Morphometry and Support , 2008, , . | Vector Machine. | | 12 |
| 1309 | Structural brain correlates of response inhibition in Bipolar Disorder I. Journal of Psychopharmacology, 2008, 22, 138-143. | | 2.0 | 161 |
| 1310 | MRI-Based Correction for Partial-Volume Effect Improves Detectability of Intractable Ep Foci on ¹²³ I-Iomazenil Brain SPECT Images. Journal of Nuclear Medicine, 2 | ileptogenic 2008, 49, 383-389. | 2.8 | 25 |
| 1311 | Automatic classification of MR scans in Alzheimer's disease. Brain, 2008, 131, 681-689 | | 3.7 | 1,017 |
| 1312 | The Anatomy of First-Episode and Chronic Schizophrenia: An Anatomical Likelihood Est Meta-Analysis. American Journal of Psychiatry, 2008, 165, 1015-1023. | imation | 4.0 | 565 |
| 1313 | Automated segmentation and volumetric analysis of brain components on MR imaging | ;.,2008,,. | | 1 |
| 1314 | Sex-Linked Neuroanatomical Basis of Human Altruistic Cooperativeness. Cerebral Corte 2331-2340. | ex, 2008, 18, | 1.6 | 62 |
| 1315 | Advances in neuroimaging in patients with epilepsy. Neurosurgical Focus, 2008, 25, E3 | | 1.0 | 21 |
| 1316 | Patient Registries in Cognitive Neuroscience Research: Advantages, Challenges, and Pra Journal of Cognitive Neuroscience, 2008, 20, 1107-1113. | actical Advice. | 1.1 | 35 |

ARTICLE IF CITATIONS # 11C PiB and structural MRI provide complementary information in imaging of Alzheimer's disease and 1317 3.7 819 amnestic mild cognitive impairment. Brain, 2008, 131, 665-680. Abnormal TDP-43 immunoreactivity in AD modifies clinicopathologic and radiologic phenotype. 1.5 Neurology, 2008, 70, 1850-1857. 1319 MRI correlates of neurofibrillary tangle pathology at autopsy. Neurology, 2008, 71, 743-749. 1.5 312 Working memory performance is correlated with local brain morphology in the medial frontal and anterior cingulate cortex in fibromyalgia patients: structural correlates of pain–cognition interaction. Brain, 2008, 131, 3222-3231. 1320 MRI patterns of atrophy associated with progression to AD in amnestic mild cognitive impairment. 1321 1.5 325 Neurology, 2008, 70, 512-520. Automatic and Adaptive Brain Morphometry on MR Images. Radiographics, 2008, 28, 345-356. 1.4 Intrauterine Growth Restriction Affects the Preterm Infant's Hippocampus. Pediatric Research, 2008, 1323 1.1 187 63, 438-443. Manifold based Morphometry applied to schizophrenia., 2008,,. 1324 Deformation-Based Morphometric Analysis of Brain Structures in First Episode Schizophrenia., 2008,, 1325 0 Neonatal probabilistic models for brain, CSF and skull using T1-MRI data: Preliminary results. , 2008, 2008, 3892-5. Voxel-Based Morphometric Study of Brain Regions from Magnetic Resonance Images in Temporal Lobe 1327 1 Epilepsy., 2008, , . Automatic segmentation of brain structures from MRI integrating atlas-based labeling and level set method. Canadian Conference on Electrical and Computer Engineering, 2008, , . 1329 Clinical Dementia Rating Score Prediction Based on MR Segmentation., 2008, , . 0 Progressive aphasia secondary to Alzheimer disease vs FTLD pathology. Neurology, 2008, 70, 25-34. 1.5 143 A diffusion tensor imaging study of structural dysconnectivity in never-medicated, first-episode 1332 2.7 198 schizophrenia. Psychological Médicine, 2008, 38, 877-885. What Do Imaging Studies Tell Us about the Neural Basis of Autism?. Novartis Foundation Symposium, 1.2 111 2008, , 149-176. Gauss-hermite moments application in medical image segmentation., 2008, , . 1334 3 Impact of catechol-O-methyltransferase Val108/158 Met genotype on hippocampal and prefrontal gray 66 matter volume. NeuroReport, 2008, 19, 405-408.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1336 | Feature selection and classification of multiparametric medical images using bagging and SVM. Proceedings of SPIE, 2008, , . | 0.8 | 4 |
| 1337 | Brain Diffusion Changes in Patients Diagnosed with Alzheimers Disease. Current Medical Imaging, 2008, 4, 226-230. | 0.4 | 4 |
| 1338 | Enuresis as a premorbid developmental marker of schizophrenia. Brain, 2008, 131, 2489-2498. | 3.7 | 31 |
| 1339 | Compromised myelin integrity during psychosis with repair during remission in drug-responding schizophrenia. International Journal of Neuropsychopharmacology, 2008, 11, 49-61. | 1.0 | 75 |
| 1340 | Interactive and Intelligent Approach for Brain Extraction from High-Resolution Volumetric MR Neuroimages. , 2008, , . | | 0 |
| 1341 | Fluctuating Asymmetry and Individual Variation in Regional Gray and White Matter Volumes: A Voxel-Based Morphometry Study. Evolutionary Psychology, 2008, 6, 147470490800600. | 0.6 | 1 |
| 1342 | Accurate and fast 3D interactive segmentation system applied to MR brain quantification. , 2008, , . | | 1 |
| 1343 | Multimodal MRI in Cerebral Small Vessel Disease. Stroke, 2008, 39, 1999-2005. | 1.0 | 135 |
| 1344 | Diffusion tensor imaging in mild cognitive impairment and Alzheimer's disease: a review. Current Opinion in Neurology, 2008, 21, 83-92. | 1.8 | 251 |
| 1345 | Getting lost in translation. Current Opinion in Neurology, 2008, 21, 625-627. | 1.8 | 17 |
| 1346 | Size matters?. Journal of Hypertension, 2008, 26, 1548-1550. | 0.3 | 1 |
| 1347 | Cerebellar deficits in schizophrenia are associated with executive dysfuntion. NeuroReport, 2008, 19, 1513-1517. | 0.6 | 38 |
| 1348 | Recent advances in 3D-CSC based MR brain image segmentation. Proceedings of SPIE, 2008, , . | 0.8 | 0 |
| 1349 | Morphometric Magnetic Resonance Imaging in Psychiatry. Topics in Magnetic Resonance Imaging, 2008, 19, 131-142. | 0.7 | 4 |
| 1350 | Advances in brain imaging of neuropathic pain. Chinese Medical Journal, 2008, 121, 653-657. | 0.9 | 18 |
| 1351 | Mapping brain maturation and sexual dimorphism in adolescence. , 0, , 92-115. | | 2 |
| 1352 | Structural magnetic ressonance imaging in anxiety disorders: an update of research findings. Revista Brasileira De Psiquiatria, 2008, 30, 251-264. | 0.9 | 63 |
| 1353 | | | |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1354 | The relationship between early life stress and microstructural integrity of the corpus callosum in a non-clinical population. Neuropsychiatric Disease and Treatment, 2008, 4, 193. | 1.0 | 73 |
| 1355 | Feeling present in arousing virtual reality worlds: prefrontal brain regions differentially orchestrate presence experience in adults and children. Frontiers in Human Neuroscience, 2008, 2, 8. | 1.0 | 145 |
| 1356 | Anatomy of the Episodic Buffer: A Voxel-Based Morphometry Study in Patients with Dementia. Behavioural Neurology, 2008, 19, 29-34. | 1.1 | 41 |
| 1357 | Structural Cerebellar Abnormalities in Antipsychoticnaive Schizophrenia: Evidence for Cognitive Dysmetria. Indian Journal of Psychological Medicine, 2008, 30, 83-89. | 0.6 | 1 |
| 1358 | IMAGING Magnetic Resonance Imaging in Epilepsy Research: Recent and Upcoming Developments. , 2009, , 1549-1554. | | 1 |
| 1360 | Neuroimaging in dementia. , 0, , 101-119. | | 1 |
| 1361 | IMAGING Structural Imaging in Epilepsy. , 2009, , 1580-1585. | | 0 |
| 1362 | Gray Matter Concentration Abnormality in Brains of Narcolepsy Patients. Korean Journal of Radiology, 2009, 10, 552. | 1.5 | 58 |
| 1363 | Morphological development of the brain: what has imaging told us?. , 2009, , 5-21. | | 7 |
| 1364 | Hippocampal Atrophy as a Quantitative Trait in a Genome-Wide Association Study Identifying Novel Susceptibility Genes for Alzheimer's Disease. PLoS ONE, 2009, 4, e6501. | 1.1 | 321 |
| 1365 | Neuroanatomical Variability of Religiosity. PLoS ONE, 2009, 4, e7180. | 1.1 | 61 |
| 1366 | Neuroimaging of aggressive and violent behaviour in children and adolescents. Frontiers in Behavioral Neuroscience, 2009, 3, 35. | 1.0 | 84 |
| 1367 | Applications of multivariate pattern classification analyses in developmental neuroimaging of healthy and clinical populations. Frontiers in Human Neuroscience, 2009, 3, 32. | 1.0 | 65 |
| 1368 | Bio-Swarm-Pipeline (BSP): A light-weight, extensible batch processing system for efficient biomedical data processing. Frontiers in Neuroinformatics, 2009, 3, 35. | 1.3 | 4 |
| 1369 | Computer-Aided Diagnosis Systems for Brain Diseases in Magnetic Resonance Images. Algorithms, 2009, 2, 925-952. | 1.2 | 70 |
| 1370 | Magnetic Resonance Imaging Improves Cerebrospinal Fluid Biomarkers in the Early Detection of Alzheimer's Disease. Journal of Alzheimer's Disease, 2009, 16, 351-362. | 1.2 | 60 |
| 1371 | Morphometric studies of first-episode schizophrenia's brain structures. , 2009, , . | | 0 |
| 1372 | Of brain and bone: The unusual case of Dr. A. Neurocase, 2009, 15, 190-205. | 0.2 | 22 |

| # | Article | IF | CITATIONS |
|------------------------------|---|--------------------------|-------------------------|
| 1373 | Combining Explicitly Mask Image with Voxel-Based Morphometry for Improving 0.35T Functional MRI Data Analysis. , 2009, , . | | 0 |
| 1374 | Morphological appearance manifolds in computational anatomy: Groupwise registration and morphological analysis. , 2009, , . | | 1 |
| 1375 | Visual exploration of genetic association with voxel-based imaging phenotypes in an MCI/AD study. , 2009, 2009, 3849-52. | | 2 |
| 1376 | Comparison of VBM and DBM Methods by Study of Blind Men's Brain Structures. , 2009, , . | | 0 |
| 1377 | Visualization and Processing of Tensor Fields. Mathematics and Visualization, 2009, , . | 0.4 | 21 |
| 1378 | Functional Asymmetries Revealed in Visually Guided Saccades: An fMRI Study. Journal of Neurophysiology, 2009, 102, 2994-3003. | 0.9 | 47 |
| 1379 | Component analysis approach to estimation of tissue intensity distributions of 3D images. , 2009, , . | | 2 |
| 1380 | Accelerated detection of intracranial space-occupying lesions with CUDA based on statistical texture atlas in brain HRCT. , 2009, 2009, 1131-4. | | 0 |
| 1381 | Improving the reliability of shape comparison by perturbation. , 2009, 5193140, 686-689. | | 0 |
| 1382 | Shape comparison using perturbing shape registration. , 2009, , . | | Ο |
| | | | |
| 1383 | Is localization-related epilepsy a progressive disorder? Maybe Nature Reviews Neurology, 2009, 5, 356-357. | 4.9 | 6 |
| 1383 1384 | | 4.9 1.7 | 6 466 |
| | 356-357. Brain Gray Matter Decrease in Chronic Pain Is the Consequence and Not the Cause of Pain. Journal of | | |
| 1384 | 356-357. Brain Gray Matter Decrease in Chronic Pain Is the Consequence and Not the Cause of Pain. Journal of Neuroscience, 2009, 29, 13746-13750. Fornix Microstructure Correlates with Recollection But Not Familiarity Memory. Journal of | 1.7 | 466 |
| 1384 1385 | 356-357. Brain Gray Matter Decrease in Chronic Pain Is the Consequence and Not the Cause of Pain. Journal of Neuroscience, 2009, 29, 13746-13750. Fornix Microstructure Correlates with Recollection But Not Familiarity Memory. Journal of Neuroscience, 2009, 29, 14987-14992. Neuroanatomical Correlates of Musicianship as Revealed by Cortical Thickness and Voxel-Based | 1.7 1.7 | 466 109 |
| 1384 1385 1386 | 356-357. Brain Gray Matter Decrease in Chronic Pain Is the Consequence and Not the Cause of Pain. Journal of Neuroscience, 2009, 29, 13746-13750. Fornix Microstructure Correlates with Recollection But Not Familiarity Memory. Journal of Neuroscience, 2009, 29, 14987-14992. Neuroanatomical Correlates of Musicianship as Revealed by Cortical Thickness and Voxel-Based Morphometry. Cerebral Cortex, 2009, 19, 1583-1596. Association of White-Matter Lesions with Brain Atrophy Markers: The Three-City Dijon MRI Study. | 1.7 1.7 1.6 | 466 109 336 |
| 1384 1385 1386 1387 | 356-357. Brain Gray Matter Decrease in Chronic Pain Is the Consequence and Not the Cause of Pain. Journal of Neuroscience, 2009, 29, 13746-13750. Fornix Microstructure Correlates with Recollection But Not Familiarity Memory. Journal of Neuroscience, 2009, 29, 14987-14992. Neuroanatomical Correlates of Musicianship as Revealed by Cortical Thickness and Voxel-Based Morphometry. Cerebral Cortex, 2009, 19, 1583-1596. Association of White-Matter Lesions with Brain Atrophy Markers: The Three-City Dijon MRI Study. Cerebrovascular Diseases, 2009, 28, 177-184. Rule violation errors are associated with right lateral prefrontal cortex atrophy in | 1.7 1.7 1.6 0.8 | 466 109 336 65 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 1391 | Neural correlates of attention biases of people with major depressive disorder: a voxel-based morphometric study. Psychological Medicine, 2009, 39, 1097. | 2.7 | 64 |
| 1392 | Changes in cortical grey matter density associated with long-standing retinal visual field defects. Brain, 2009, 132, 1898-1906. | 3.7 | 173 |
| 1393 | Association of GSK3β Polymorphisms With Brain Structural Changes in Major Depressive Disorder. Archives of General Psychiatry, 2009, 66, 721. | 13.8 | 121 |
| 1394 | Altered Fronto-Striato-Thalamic Connectivity in Children with Tourette Syndrome Assessed with Diffusion Tensor MRI and Probabilistic Fiber Tracking. Journal of Child Neurology, 2009, 24, 669-678. | 0.7 | 78 |
| 1395 | Decreased Regional Brain Volume and Cognitive Impairment in Preterm Children at Low Risk. Pediatrics, 2009, 124, e1161-e1170. | 1.0 | 116 |
| 1396 | Correlation of Brain White Matter Diffusion Anisotropy and Mean Diffusivity with Reaction Time in an Oddball Task. Neuropsychobiology, 2009, 60, 55-66. | 0.9 | 25 |
| 1398 | Cortical Thickness Analysis to Detect Progressive Mild Cognitive Impairment: A Reference to Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2009, 28, 389-397. | 0.7 | 52 |
| 1399 | Biomarkers in Neurology. Frontiers of Neurology and Neuroscience, 2009, 25, 55-61. | 3.0 | 6 |
| 1400 | MRI Correlates of Protein Deposition and Disease Severity in Postmortem Frontotemporal Lobar Degeneration. Neurodegenerative Diseases, 2009, 6, 106-117. | 0.8 | 47 |
| 1401 | The neural basis of surface dyslexia in semantic dementia. Brain, 2009, 132, 71-86. | 3.7 | 142 |
| 1402 | Transient epileptic amnesia: regional brain atrophy and its relationship to memory deficits. Brain, 2009, 132, 357-368. | 3.7 | 116 |
| 1403 | Early diagnosis of Alzheimer's disease using cortical thickness: impact of cognitive reserve. Brain, 2009, 132, 2036-2047. | 3.7 | 376 |
| 1404 | Alzheimer's disease detection using ¹¹ C-PiB with improved partial volume effect correction. Proceedings of SPIE, 2009, , . | 0.8 | 1 |
| 1405 | Comparison of transcranial Doppler ultrasonography and positron emission tomography using a three-dimensional template of the middle cerebral artery. Neurological Research, 2009, 31, 52-59. | 0.6 | 13 |
| 1406 | Shape comparison using perturbing shape registration. , 2009, 2009, 683-690. | | 0 |
| 1407 | Mapping brain development during childhood, adolescence and young adulthood. Proceedings of SPIE, 2009, , . | 0.8 | 0 |
| 1408 | Segmentation of brain PET-CT images based on adaptive use of complementary information. , 2009, , . | | 2 |
| 1409 | Automatic segmentation of brain MRIs and mapping neuroanatomy across the human lifespan. , 2009, , . | | 1 |

| | Сітатіс | on Report | |
|------|--|-----------|-----------|
| # | Article | IF | CITATIONS |
| 1410 | Subjects With Intellectual Disability and Familial Need for Full-Time Special Education Show Regional Brain Alterations: A Voxel-Based Morphometry Study. Pediatric Research, 2009, 66, 306-311. | 1.1 | 10 |
| 1411 | Reduced Gray Matter Volume in the Frontotemporal Cortex of Patients with Early Subacute Sclerosing Panencephalitis. American Journal of Neuroradiology, 2009, 30, 271-275. | 1.2 | 16 |
| 1412 | Volume-Based Morphometry of Brain MR Images in Adolescent Idiopathic Scoliosis and Healthy Control Subjects. American Journal of Neuroradiology, 2009, 30, 1302-1307. | 1.2 | 37 |
| 1413 | Heritability of Structural Brain Traits. International Review of Neurobiology, 2009, 89, 85-130. | 0.9 | 30 |
| 1414 | Age, Alzheimer disease, and brain structure. Neurology, 2009, 73, 1899-1905. | 1.5 | 185 |
| 1415 | Motor cortex and thalamic atrophy in Unverricht–Lundborg disease. Neurology, 2009, 73, 606-611. | 1.5 | 58 |
| 1416 | Brain morphology and neurological soft signs in adolescents with first-episode psychosis. British Journal of Psychiatry, 2009, 195, 227-233. | 1.7 | 50 |
| 1417 | Alzheimer Disease: Quantitative Structural Neuroimaging for Detection and Prediction of Clinical and Structural Changes in Mild Cognitive Impairment. Radiology, 2009, 251, 195-205. | 3.6 | 293 |
| 1418 | Does White Matter Matter? Spatio-temporal Dynamics of Task Switching in Aging. Journal of Cognitive Neuroscience, 2009, 21, 1380-1395. | 1.1 | 32 |
| 1419 | Magnetic resonance imaging characteristics of children and adults with paediatric-onset multiple sclerosis. Brain, 2009, 132, 3392-3400. | 3.7 | 130 |
| 1420 | Clinical syndromes associated with posterior atrophy. Neurology, 2009, 73, 1571-1578. | 1.5 | 233 |
| 1421 | Voxel-based morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. Brain, 2009, 132, 3443-3455. | 3.7 | 166 |
| 1422 | Voxel-based morphometry patterns of atrophy in FTLD with mutations in <i>MAPT</i> or <i>PGRN</i> . Neurology, 2009, 72, 813-820. | 1.5 | 118 |
| 1423 | Prospects for Early Detection of Alzheimers Disease from Serial MR Images in Transgenic Mouse Models. Current Alzheimer Research, 2009, 6, 503-518. | 0.7 | 15 |
| 1424 | Automatic detection of preclinical neurodegeneration. Neurology, 2009, 72, 426-431. | 1.5 | 91 |
| 1425 | Integrated feature extraction and selection for neuroimage classification. , 2009, , . | | 6 |
| 1426 | Progression of Brain Volume Changes in Adolescent-Onset Psychosis. Schizophrenia Bulletin, 2009, 35, 233-243. | 2.3 | 48 |
| 1427 | Smoking is associated with increased lesion volumes and brain atrophy in multiple sclerosis. Neurology, 2009, 73, 504-510. | 1.5 | 116 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 1428 | Baseline MRI Predictors of Conversion from MCI to Probable AD in the ADNI Cohort. Current Alzheimer Research, 2009, 6, 347-361. | 0.7 | 484 |
| 1429 | ErbB4 Genotype Predicts Left Frontotemporal Structural Connectivity in Human Brain. Neuropsychopharmacology, 2009, 34, 641-650. | 2.8 | 66 |
| 1430 | Two distinct subtypes of right temporal variant frontotemporal dementia. Neurology, 2009, 73, 1443-1450. | 1.5 | 153 |
| 1431 | The left superior temporal gyrus is a shared substrate for auditory short-term memory and speech comprehension: evidence from 210 patients with stroke. Brain, 2009, 132, 3401-3410. | 3.7 | 230 |
| 1432 | In search of the depressive self: extended medial prefrontal network during self-referential processing in major depression. Social Cognitive and Affective Neuroscience, 2009, 4, 305-312. | 1.5 | 208 |
| 1433 | Morphing voxels: the hype around structural imaging of headache patients. Brain, 2009, 132, 1419-1425. | 3.7 | 79 |
| 1434 | Panic Disorder: Is the PAG Involved?. Neural Plasticity, 2009, 2009, 1-9. | 1.0 | 72 |
| 1435 | Voxel-Based Morphometry in Individual Patients: A Pilot Study in Early Huntington Disease. American Journal of Neuroradiology, 2009, 30, 539-543. | 1.2 | 56 |
| 1436 | Regional rates of neocortical atrophy from normal aging to early Alzheimer disease. Neurology, 2009, 73, 457-465. | 1.5 | 264 |
| 1437 | Use of Neuroanatomical Pattern Classification to Identify Subjects in At-Risk Mental States of Psychosis and Predict Disease Transition. Archives of General Psychiatry, 2009, 66, 700. | 13.8 | 382 |
| 1438 | Increased grey matter densities in schizophrenia patients with negative symptoms after treatment with quetiapine: a voxel-based morphometry study. International Clinical Psychopharmacology, 2009, 24, 34-41. | 0.9 | 25 |
| 1439 | Structural Correlates of Preterm Birth in the Adolescent Brain. Pediatrics, 2009, 124, e964-e972. | 1.0 | 100 |
| 1440 | Structural Correlates of Semantic and Phonemic Fluency Ability in First and Second Languages. Cerebral Cortex, 2009, 19, 2690-2698. | 1.6 | 152 |
| 1441 | Do calendrical savants use calculation to answer date questions? A functional magnetic resonance imaging study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1417-1424. | 1.8 | 26 |
| 1442 | Magnetic Resonance Imaging Techniques in White Matter Disease. Topics in Magnetic Resonance Imaging, 2009, 20, 301-312. | 0.7 | 11 |
| 1443 | Magnetic Resonance Imaging in Multiple Sclerosis. Topics in Magnetic Resonance Imaging, 2009, 20, 313-323. | 0.7 | 5 |
| 1444 | Central Nervous System Function in Youth With Type 1 Diabetes 12 Years After Disease Onset. Diabetes Care, 2009, 32, 445-450. | 4.3 | 199 |
| 1445 | Epstein-Barr virus is associated with grey matter atrophy in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 620-625. | 0.9 | 58 |

ARTICLE IF CITATIONS Comparison of ¹⁸F-FDG and PiB PET in Cognitive Impairment. Journal of Nuclear Medicine, 2.8 183 1446 2009, 50, 878-886. Atrophy patterns in IVS10+16, IVS10+3, N279K, S305N, P301L, and V337M <i>MAPT</i> 1447 1.5 Neurology, 2009, 73, 1058-1065. How the brain repairs stuttering. Brain, 2009, 132, 2747-2760. 3.7 220 1448 Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 1449 2009, 35, 82-95. Anatomical Changes in Human Motor Cortex and Motor Pathways following Complete Thoracic 1450 1.6 216 Spinal Cord Injury. Cerebral Cortex, 2009, 19, 224-232. Voxel-based morphometry in the R6/2 transgenic mouse reveals differences between genotypes not seen with manual 2D morphometry. Neurobiology of Disease, 2009, 33, 20-27. 2.1 Use of magnetic resonance imaging for anatomical phenotyping of the R6/2 mouse model of 1452 2.1 63 Huntington's disease. Neurobiology of Disease, 2009, 33, 12-19. Is it logical to count on quantifiers? Dissociable neural networks underlying numerical and logical 1453 quantifiers. Neuropsychologia, 2009, 47, 104-111. A comparative study of cognition and brain anatomy between two neurodevelopmental disorders: 1454 32 0.7 22q11.2 deletion syndrome and Williams syndrome. Neuropsychologia, 2009, 47, 1034-1044. Brain structure in diving players on MR imaging studied with voxel-based morphometry. Progress in 1455 1.8 Natural Science: Materials International, 2009, 19, 1397-1402. Neuroanatomical differences between familial and sporadic schizophrenia and their parents: An 1456 0.9 47 optimized voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2009, 171, 71-81. Increased activation of the left hippocampus region in Complex PTSD during encoding and recognition 94 of emotional words: A pilot study. Psychiatry Research - Neuroimaging, 2009, 171, 44-53. Resting state corticolimbic connectivity abnormalities in unmedicated bipolar disorder and unipolar 1458 0.9 330 depression. Psychiatry Research - Neuroimaging, 2009, 171, 189-198. A voxel-based diffusion tensor imaging study of temporal white matter in patients with schizophrenia. Psychiatry Research - Neuroimaging, 2009, 171, 166-176. 1459 Converging evidence for abnormalities of the prefrontal cortex and evaluation of midsagittal 1460 structures in pediatric posttraumatic stress disorder: An MRI study. Psychiatry Research -0.9 142 Neuroimaging, 2009, 172, 226-234. Delusions and dorso-medial frontal cortex volume in first-episode schizophrenia: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2009, 172, 175-179. Gray matter abnormalities in subjects at ultra-high risk for schizophrenia and first-episode 1462 schizophrenic patients compared to healthy controls. Psychiatry Research - Neuroimaging, 2009, 173, 0.9 127 163-169. Sexually dimorphic gray matter volume reduction in patients with panic disorder. Psychiatry Research 1463 - Neuroimaging, 2009, 173, 128-134.

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1464 | The neural basis of visuospatial perception in Alzheimer's disease and healthy elderly comparison subjects: An fMRI study. Psychiatry Research - Neuroimaging, 2009, 172, 109-116. | 0.9 | 76 |
| 1465 | Regional brain volumes and symptom severity in body dysmorphic disorder. Psychiatry Research - Neuroimaging, 2009, 172, 161-167. | 0.9 | 61 |
| 1466 | Progressive temporal lobe grey matter loss in adolescents with schizotypal traits and mild intellectual impairment. Psychiatry Research - Neuroimaging, 2009, 174, 105-109. | 0.9 | 31 |
| 1467 | Gene–environment interactions between HLA B7/A2, EBV antibodies are associated with MRI injury in multiple sclerosis. Journal of Neuroimmunology, 2009, 209, 123-130. | 1.1 | 35 |
| 1468 | A pilot test of pioglitazone as an add-on in patients with relapsing remitting multiple sclerosis. Journal of Neuroimmunology, 2009, 211, 124-130. | 1.1 | 59 |
| 1469 | Brain classification reveals the right cerebellum as the best biomarker of dyslexia. BMC Neuroscience, 2009, 10, 67. | 0.8 | 110 |
| 1470 | Feature-Based Fusion of Medical Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 711-720. | 3.6 | 187 |
| 1471 | Image-Driven Population Analysis Through Mixture Modeling. IEEE Transactions on Medical Imaging, 2009, 28, 1473-1487. | 5.4 | 68 |
| 1472 | A Hybrid Geometric–Statistical Deformable Model for Automated 3-D Segmentation in Brain MRI. IEEE Transactions on Biomedical Engineering, 2009, 56, 1838-1848. | 2.5 | 42 |
| 1473 | Bayesian mixture models of variable dimension for image segmentation. Computer Methods and Programs in Biomedicine, 2009, 94, 1-14. | 2.6 | 35 |
| 1474 | Brain structural differences associated with the behavioural phenotype in children with Williams syndrome. Brain Research, 2009, 1258, 96-107. | 1.1 | 81 |
| 1475 | Age-related relative volume preservation of the dominant hand cortical region. Brain Research, 2009, 1305, 14-19. | 1.1 | 13 |
| 1476 | Forebrain pain mechanisms. Brain Research Reviews, 2009, 60, 226-242. | 9.1 | 302 |
| 1477 | Consensus paper: Combining transcranial stimulation with neuroimaging. Brain Stimulation, 2009, 2, 58-80. | 0.7 | 299 |
| 1478 | Morphometric analysis of brain images with reduced number of statistical tests: A study on the gender-related differentiation of the corpus callosum. Artificial Intelligence in Medicine, 2009, 47, 75-86. | 3.8 | 4 |
| 1479 | Biomarkers in amyotrophic lateral sclerosis. Lancet Neurology, The, 2009, 8, 94-109. | 4.9 | 391 |
| 1480 | The influence of sex chromosome aneuploidy on brain asymmetry. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 74-85. | 1.1 | 36 |
| 1481 | Relationship between atrophy and βâ€amyloid deposition in Alzheimer disease. Annals of Neurology, 2010, 67, 317-324. | 2.8 | 322 |

| ~ | | _ |
|--------|-----|--------|
| CITAT | ION | Report |
| 011/11 | | |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1482 | Voxel based morphometry features and followâ€up of amnestic patients at high risk for Alzheimer's disease conversion. International Journal of Geriatric Psychiatry, 2009, 24, 875-884. | 1.3 | 23 |
| 1483 | Cortical dysfunction in patients with Huntington's disease during working memory performance. Human Brain Mapping, 2009, 30, 327-339. | 1.9 | 72 |
| 1484 | Abnormal diffusion of cerebral white matter in early blindness. Human Brain Mapping, 2009, 30, 220-227. | 1.9 | 87 |
| 1485 | Assessment of the increase in variability when combining volumetric data from different scanners. Human Brain Mapping, 2009, 30, 355-368. | 1.9 | 48 |
| 1486 | Investigation of white matter pathology in ALS and PLS using tractâ€based spatial statistics. Human Brain Mapping, 2009, 30, 615-624. | 1.9 | 123 |
| 1487 | White matter tract integrity in aging and Alzheimer's disease. Human Brain Mapping, 2009, 30, 1051-1059. | 1.9 | 227 |
| 1488 | Correlation study of optimized voxelâ€based morphometry and ¹ H MRS in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. Human Brain Mapping, 2009, 30, 1226-1235. | 1.9 | 25 |
| 1489 | Brain derived neurotrophic factor Val66Met polymorphism, the five factor model of personality and hippocampal volume: Implications for depressive illness. Human Brain Mapping, 2009, 30, 1246-1256. | 1.9 | 78 |
| 1490 | Ageâ€related brain structural alterations in children with specific language impairment. Human Brain Mapping, 2009, 30, 1626-1636. | 1.9 | 44 |
| 1491 | Disentangling the prefrontal network for rule selection by means of a nonâ€verbal variant of the Wisconsin Card Sorting Test. Human Brain Mapping, 2009, 30, 1734-1743. | 1.9 | 41 |
| 1492 | Regional networks underlying interhemispheric connectivity: An EEG and DTI study in healthy ageing and amnestic mild cognitive impairment. Human Brain Mapping, 2009, 30, 2098-2119. | 1.9 | 85 |
| 1493 | Adaptive control of the false discovery rate in voxelâ€based morphometry. Human Brain Mapping, 2009, 30, 2304-2311. | 1.9 | 19 |
| 1494 | When all hypotheses are right: A multifocal account of dyslexia. Human Brain Mapping, 2009, 30, 2278-2292. | 1.9 | 122 |
| 1495 | Can structural MRI indices of cerebral integrity track cognitive trends in executive control function during normal maturation and adulthood?. Human Brain Mapping, 2009, 30, 2581-2594. | 1.9 | 60 |
| 1496 | Exploring the relationship between white matter and gray matter damage in early primary progressive multiple sclerosis: An in vivo study with TBSS and VBM. Human Brain Mapping, 2009, 30, 2852-2861. | 1.9 | 170 |
| 1497 | A multiparametric evaluation of regional brain damage in patients with primary progressive multiple sclerosis. Human Brain Mapping, 2009, 30, 3009-3019. | 1.9 | 43 |
| 1498 | Cortical neuronal loss and hippocampal sclerosis are not detected by voxelâ€based morphometry in individual epilepsy surgery patients. Human Brain Mapping, 2009, 30, 3351-3360. | 1.9 | 30 |
| 1499 | Greater leftward lateralization of the inferior frontal gyrus in second language learners with higher syntactic abilities. Human Brain Mapping, 2009, 30, 3625-3635. | 1.9 | 34 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1500 | Brain volume abnormalities in major depressive disorder: A metaâ€analysis of magnetic resonance imaging studies. Human Brain Mapping, 2009, 30, 3719-3735. | 1.9 | 776 |
| 1501 | Mapping brain abnormalities in boys with autism. Human Brain Mapping, 2009, 30, 3887-3900. | 1.9 | 48 |
| 1502 | Comparing isotropic and anisotropic smoothing for voxelâ€based DTI analyses: A simulation study. Human Brain Mapping, 2010, 31, 98-114. | 1.9 | 89 |
| 1503 | Sourceâ€based morphometry of gray matter volume in men with firstâ€episode schizophrenia. Human Brain Mapping, 2010, 31, 300-310. | 1.9 | 52 |
| 1504 | Brain structure and obesity. Human Brain Mapping, 2010, 31, 353-364. | 1.9 | 555 |
| 1505 | Neuroanatomical differences in brain areas implicated in perceptual and other core features of autism revealed by cortical thickness analysis and voxelâ€based morphometry. Human Brain Mapping, 2010, 31, 556-566. | 1.9 | 237 |
| 1506 | The SRI24 multichannel atlas of normal adult human brain structure. Human Brain Mapping, 2010, 31, 798-819. | 1.9 | 317 |
| 1507 | Regional impact of field strength on voxelâ€based morphometry results. Human Brain Mapping, 2010, 31, 943-957. | 1.9 | 42 |
| 1508 | Structural brain differences and cognitive functioning related to body mass index in older females. Human Brain Mapping, 2010, 31, 1052-1064. | 1.9 | 242 |
| 1509 | Structural neuroplasticity in the sensorimotor network of professional female ballet dancers. Human Brain Mapping, 2010, 31, 1196-1206. | 1.9 | 207 |
| 1510 | Structural and functional neuroimaging in Klinefelter (47,XXY) syndrome: A review of the literature and preliminary results from a functional magnetic resonance imaging study of language. Developmental Disabilities Research Reviews, 2009, 15, 295-308. | 2.9 | 46 |
| 1511 | Imaging ageâ€related cognitive decline: A comparison of diffusion tensor and magnetization transfer MRI. Journal of Magnetic Resonance Imaging, 2009, 29, 23-30. | 1.9 | 85 |
| 1512 | Evaluation of performance metrics for bias field correction in MR brain images. Journal of Magnetic Resonance Imaging, 2009, 29, 1271-1279. | 1.9 | 15 |
| 1513 | Serial volumetric MRI in Parkinsonian disorders. Movement Disorders, 2009, 24, S691-8. | 2.2 | 24 |
| 1514 | Neuroanatomical substrate of visuospatial and visuoperceptual impairment in Parkinson's disease. Movement Disorders, 2009, 24, 1193-1199. | 2.2 | 115 |
| 1515 | Potential of advanced MR imaging techniques in the differential diagnosis of parkinsonism. Movement Disorders, 2009, 24, S711-20. | 2.2 | 49 |
| 1516 | MRI and cognitive impairment in Parkinson's disease. Movement Disorders, 2009, 24, S748-53. | 2.2 | 66 |
| 1517 | Temporal lobe changes in early, untreated Parkinson's disease. Movement Disorders, 2009, 24, 1949-1954. | 2.2 | 67 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1518 | Brain atrophy and white matter hyperintensities in early Parkinson's disease. Movement Disorders, 2009, 24, 2233-2241. | 2.2 | 50 |
| 1519 | No brain structure abnormalities in boys with Tourette's syndrome: A voxelâ€based morphometry study. Movement Disorders, 2009, 24, 2398-2403. | 2.2 | 31 |
| 1520 | <i>In Vivo</i> Morphological Changes in Animal Models of Amyotrophic Lateral Sclerosis and Alzheimer'sâ€Like Disease: MRI Approach. Anatomical Record, 2009, 292, 1882-1892. | 0.8 | 58 |
| 1521 | Diffusion tensor imaging in a rat model of Parkinson's disease after lesioning of the nigrostriatal tract. NMR in Biomedicine, 2009, 22, 697-706. | 1.6 | 65 |
| 1522 | Structural MRI studies of language function in the undamaged brain. Brain Structure and Function, 2009, 213, 511-523. | 1.2 | 81 |
| 1523 | Relationship between CAG repeat length and brain volume in premanifest and early Huntington's disease. Journal of Neurology, 2009, 256, 203-212. | 1.8 | 50 |
| 1524 | Early structural changes in individuals at risk of familial Alzheimer's disease: a volumetry and magnetization transfer MR imaging study. Journal of Neurology, 2009, 256, 925-932. | 1.8 | 31 |
| 1525 | A combined voxel-based morphometry and 1H-MRS study in patients with Friedreich's ataxia. Journal of Neurology, 2009, 256, 1114-1120. | 1.8 | 67 |
| 1526 | The Impact of Age-Related Changes on Working Memory Functional Activity. Brain Imaging and Behavior, 2009, 3, 142-153. | 1.1 | 66 |
| 1527 | Characterization of Atrophic Changes in the Cerebral Cortex Using Fractal Dimensional Analysis. Brain Imaging and Behavior, 2009, 3, 154-166. | 1.1 | 108 |
| 1528 | Judgment in Older Adults with Normal Cognition, Cognitive Complaints, MCI, and Mild AD: Relation to Regional Frontal Gray Matter. Brain Imaging and Behavior, 2009, 3, 212-219. | 1.1 | 19 |
| 1529 | A Comparison of Voxel-Based Morphometry and Volumetry Methods in the Context of the Neural Basis of Aggression. Brain Imaging and Behavior, 2009, 3, 332-341. | 1.1 | 8 |
| 1530 | Advances in Geometric Morphometrics. Evolutionary Biology, 2009, 36, 235-247. | 0.5 | 965 |
| 1531 | MRI Detection of the Cerebellar Syndrome in Creutzfeldt–Jakob Disease. Cerebellum, 2009, 8, 373-381. | 1.4 | 34 |
| 1532 | Development of an MRI rating scale for multiple brain regions: comparison with volumetrics and with voxel-based morphometry. Neuroradiology, 2009, 51, 491-503. | 1.1 | 99 |
| 1533 | Brain atrophy and neuropsychological outcome after treatment of ruptured anterior cerebral artery aneurysms: a voxel-based morphometric study. Neuroradiology, 2009, 51, 711-722. | 1.1 | 59 |
| 1534 | Insular cortex involvement in declarative memory deficits in patients with post-traumatic stress disorder. BMC Psychiatry, 2009, 9, 39. | 1.1 | 59 |
| 1535 | Interactions between BDNF Val66Met polymorphism and early life stress predict brain and arousal pathways to syndromal depression and anxiety. Molecular Psychiatry, 2009, 14, 681-695. | 4.1 | 478 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1536 | Regional gray matter reduction and theory of mind deficit in the early phase of schizophrenia: a voxelâ€based morphometric study. Acta Psychiatrica Scandinavica, 2009, 119, 199-208. | 2.2 | 69 |
| 1537 | Reduced Fractional Anisotropy in Early‣tage Cerebellar Variant of Multiple System Atrophy. Journal of Neuroimaging, 2009, 19, 127-131. | 1.0 | 22 |
| 1538 | Smaller amygdala is associated with anxiety in patients with panic disorder. Psychiatry and Clinical Neurosciences, 2009, 63, 266-276. | 1.0 | 141 |
| 1539 | White matter abnormalities in bipolar disorder and schizophrenia detected using diffusion tensor magnetic resonance imaging. Bipolar Disorders, 2009, 11, 11-18. | 1.1 | 254 |
| 1540 | Structural abnormalities of ventrolateral and orbitofrontal cortex in patients with familial bipolar disorder. Bipolar Disorders, 2009, 11, 135-144. | 1.1 | 94 |
| 1541 | Sexually dimorphic features of vermis morphology in bipolar disorder. Bipolar Disorders, 2009, 11, 753-758. | 1.1 | 30 |
| 1542 | The brain structural disposition to social interaction. European Journal of Neuroscience, 2009, 29, 2247-2252. | 1.2 | 66 |
| 1543 | Neuroanatomical correlates of impaired decisionâ€making and facial emotion recognition in early Parkinson's disease. European Journal of Neuroscience, 2009, 30, 1162-1171. | 1.2 | 160 |
| 1544 | What's New in Neuroimaging Methods?. Annals of the New York Academy of Sciences, 2009, 1156, 260-293. | 1.8 | 181 |
| 1545 | Musical Morphology. Annals of the New York Academy of Sciences, 2009, 1169, 79-83. | 1.8 | 5 |
| 1546 | lmaging seizure activity: A combined EEG/EMGâ€fMRI study in reading epilepsy. Epilepsia, 2009, 50, 256-264. | 2.6 | 85 |
| 1547 | Successfully overcoming the inhibitory impact of the "forget―instruction: A voxelâ€based morphometric study of directed forgetting. Psychophysiology, 2009, 46, 1108-1112. | 1.2 | 7 |
| 1548 | White matter fractional anisotrophy differences and correlates of diagnostic symptoms in autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2009, 50, 1102-1112. | 3.1 | 156 |
| 1549 | Cognitive deficits in multiple system atrophy correlate with frontal atrophy and disease duration. European Journal of Neurology, 2009, 16, 1144-1150. | 1.7 | 115 |
| 1550 | Diffusion abnormality in the posterior cingulum and hippocampal volume: correlation with disease progression in Alzheimer's disease. Magnetic Resonance Imaging, 2009, 27, 347-354. | 1.0 | 55 |
| 1551 | Computational anatomy with the SPM software. Magnetic Resonance Imaging, 2009, 27, 1163-1174. | 1.0 | 468 |
| 1552 | Paediatric obsessive–compulsive disorder, a neurodevelopmental disorder?. Neuroscience and Biobehavioral Reviews, 2009, 33, 818-830. | 2.9 | 93 |
| 1553 | Bipolar and major depressive disorder: Neuroimaging the developmental-degenerative divide. Neuroscience and Biobehavioral Reviews, 2009, 33, 699-771. | 2.9 | 433 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1554 | Fast image registration by hierarchical soft correspondence detection. Pattern Recognition, 2009, 42, 954-961. | 5.1 | 23 |
| 1555 | Restoration of MRI data for intensity non-uniformities using local high order intensity statistics. Medical Image Analysis, 2009, 13, 36-48. | 7.0 | 20 |
| 1556 | A uniplanar three-axis gradient set for in vivo magnetic resonance microscopy. Journal of Magnetic Resonance, 2009, 200, 38-48. | 1.2 | 11 |
| 1557 | Quantitative grey matter histological measures do not correlate with grey matter probability values from in vivo MRI in the temporal lobe. Journal of Neuroscience Methods, 2009, 181, 111-118. | 1.3 | 52 |
| 1558 | Accurate and robust extraction of brain regions using a deformable model based on radial basis functions. Journal of Neuroscience Methods, 2009, 183, 255-266. | 1.3 | 26 |
| 1559 | Voxel-based morphometry evaluation of patients with photosensitive juvenile myoclonic epilepsy. Epilepsy Research, 2009, 86, 138-145. | 0.8 | 49 |
| 1560 | Distinct anatomical subtypes of the behavioural variant of frontotemporal dementia: a cluster analysis study. Brain, 2009, 132, 2932-2946. | 3.7 | 277 |
| 1562 | Estudio a gran escala (n = 400) de las diferencias de la sustancia gris en la esquizofrenia mediante morfometrÃa optimizada basada en vóxels. Psiquiatria Biologica, 2009, 16, 22-31. | 0.0 | 0 |
| 1563 | Gray matter changes related to chronic posttraumatic headache. Neurology, 2009, 73, 978-983. | 1.5 | 161 |
| 1564 | Impairment of cerebello-thalamo-frontal pathway in Rab-GDI mutated patients with pure mental deficiency. European Journal of Medical Genetics, 2009, 52, 6-13. | 0.7 | 9 |
| 1565 | Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: Evidence from cognition, the P300 and fronto-hippocampal systems. Biological Psychology, 2009, 80, 176-188. | 1.1 | 117 |
| 1566 | Hemispheric connectivity and the visual–spatial divergent-thinking component of creativity. Brain and Cognition, 2009, 70, 267-272. | 0.8 | 57 |
| 1567 | Gray matter density negatively correlates with duration of heroin use in young lifetime heroin-dependent individuals. Brain and Cognition, 2009, 71, 223-228. | 0.8 | 173 |
| 1568 | Imaging neurodegeneration in Parkinson's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 722-729. | 1.8 | 110 |
| 1569 | Nonlinear spatial warping for between-subjects pedobarographic image registration. Gait and Posture, 2009, 29, 477-482. | 0.6 | 8 |
| 1570 | Accelerated aging of the putamen in men but not in women. Neurobiology of Aging, 2009, 30, 147-151. | 1.5 | 35 |
| 1571 | Altered neural network supporting declarative long-term memory in mild cognitive impairment. Neurobiology of Aging, 2009, 30, 284-298. | 1.5 | 34 |
| 1572 | Relative contributions of the cerebellar vermis and prefrontal lobe volumes on cognitive function across the adult lifespan. Neurobiology of Aging, 2009, 30, 457-465. | 1.5 | 56 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1573 | Ageing-related changes of neural activity associated with spatial contextual memory. Neurobiology of Aging, 2009, 30, 630-645. | 1.5 | 57 |
| 1574 | Structure–function interactions of correct retrieval in healthy elderly women. Neurobiology of Aging, 2009, 30, 1147-1156. | 1.5 | 27 |
| 1575 | Age-related differences in regional brain volumes: A comparison of optimized voxel-based morphometry to manual volumetry. Neurobiology of Aging, 2009, 30, 1657-1676. | 1.5 | 198 |
| 1576 | Sex differences in the neuroanatomy of human mirror-neuron system: A voxel-based morphometric investigation. Neuroscience, 2009, 158, 713-720. | 1.1 | 172 |
| 1577 | Magnetic resonance imaging of Huntington's disease: preparing for clinical trials. Neuroscience, 2009, 164, 205-219. | 1.1 | 64 |
| 1578 | Imaging the impact of genes on Parkinson's disease. Neuroscience, 2009, 164, 191-204. | 1.1 | 27 |
| 1579 | Quantification of gray matter changes in the cerebral cortex after isolated cerebellar damage: a voxel-based morphometry study. Neuroscience, 2009, 162, 827-835. | 1.1 | 39 |
| 1580 | Imaging phenotypes of major depressive disorder: genetic correlates. Neuroscience, 2009, 164, 300-330. | 1.1 | 198 |
| 1581 | Voxel-based morphometry reveals an association between aerobic capacity and grey matter density in the right anterior insula. Neuroscience, 2009, 163, 1102-1108. | 1.1 | 43 |
| 1582 | Grey-matter differences related to true and false recognition of emotionally charged stimuli – A voxel based morphometry study. Neurobiology of Learning and Memory, 2009, 92, 99-105. | 1.0 | 8 |
| 1583 | Neural correlates of communication skill and symptom severity in autism: A voxel-based morphometry study. Research in Autism Spectrum Disorders, 2009, 3, 444-454. | 0.8 | 17 |
| 1584 | No consistent difference in gray matter volume between individuals with fibromyalgia and age-matched healthy subjects when controlling for affective disorder. Pain, 2009, 143, 262-267. | 2.0 | 111 |
| 1585 | Changes in brain function and morphology in patients with recurring herpes simplex virus infections and chronic pain. Pain, 2009, 144, 200-208. | 2.0 | 20 |
| 1586 | Prefrontal cortex volume reduction on MRI in preclinical Huntington's disease relates to visuomotor performance and CAG number. Parkinsonism and Related Disorders, 2009, 15, 213-219. | 1.1 | 50 |
| 1587 | Gray matter morphology and the level of functioning in one-year follow-up of first-episode schizophrenia patients. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1438-1446. | 2.5 | 33 |
| 1588 | White matter reduction in patients with schizophrenia as revealed by voxel-based morphometry: An activation likelihood estimation meta-analysis. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1390-1394. | 2.5 | 67 |
| 1589 | Neuroanatomical correlates of intelligence. Intelligence, 2009, 37, 156-163. | 1.6 | 165 |
| 1590 | Gray matter correlates of fluid, crystallized, and spatial intelligence: Testing the P-FIT model. Intelligence, 2009, 37, 124-135. | 1.6 | 172 |

| | | CITATION RE | PORT | |
|------|---|-------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 1591 | Gray matter and intelligence factors: Is there a neuro-g?. Intelligence, 2009, 37, 136-144 | ł. | 1.6 | 111 |
| 1592 | Voxel-based morphometry in the detection of dysplasia and neoplasia in childhood epile Limitations of grey matter analysis. Journal of Clinical Neuroscience, 2009, 16, 780-785. | | 0.8 | 25 |
| 1593 | Gray matter density and white matter integrity in pianists' brain: A combined struct tensor MRI study. Neuroscience Letters, 2009, 459, 3-6. | ural and diffusion | 1.0 | 121 |
| 1594 | Medial frontal and dorsal cortical morphometric abnormalities are related to obsessive-c disorder. Neuroscience Letters, 2009, 464, 62-66. | ompulsive | 1.0 | 55 |
| 1595 | Altered myelination and axonal integrity in adults with childhood lead exposure: A diffus imaging study. NeuroToxicology, 2009, 30, 867-875. | ion tensor | 1.4 | 104 |
| 1596 | Genetic Vulnerability to Affective Psychopathology in Childhood: A Combined Voxel-Bas Morphometry and Functional Magnetic Resonance Imaging Study. Biological Psychiatry 231-237. | ed . 2009, 66, | 0.7 | 29 |
| 1597 | Childhood Sexual Abuse Is Associated with Reduced Gray Matter Volume in Visual Corte Women. Biological Psychiatry, 2009, 66, 642-648. | x of Young | 0.7 | 167 |
| 1600 | Fiber tractography reveals disruption of temporal lobe white matter tracts in schizophre Schizophrenia Research, 2009, 107, 30-38. | nia. | 1.1 | 73 |
| 1601 | Mapping grey matter reductions in schizophrenia: An anatomical likelihood estimation a voxel-based morphometry studies. Schizophrenia Research, 2009, 108, 104-113. | inalysis of | 1.1 | 311 |
| 1602 | Reduced white matter integrity correlated with cortico–subcortical gray matter defici schizophrenia. Schizophrenia Research, 2009, 111, 78-85. | ts in | 1.1 | 38 |
| 1603 | Cognitive performance is related to cortical grey matter volumes in early stages of schiz population-based study of first-episode psychosis. Schizophrenia Research, 2009, 113, 2 | ophrenia: A 200-209. | 1.1 | 45 |
| 1604 | Progressive gray matter changes in first episode schizophrenia: A 4-year longitudinal ma resonance study using VBM. Schizophrenia Research, 2009, 114, 136-143. | gnetic | 1.1 | 94 |
| 1605 | Deep gray matter atrophy in multiple sclerosis: A tensor based morphometry. Journal of Neurological Sciences, 2009, 282, 39-46. | the | 0.3 | 77 |
| 1606 | Voxel-wise assessment of progression of regional brain atrophy in relapsing-remitting m sclerosis. Journal of the Neurological Sciences, 2009, 282, 55-60. | ultiple | 0.3 | 66 |
| 1607 | A sensitive, noise-resistant method for identifying focal demyelination and remyelination with multiple sclerosis via voxel-wise changes in magnetization transfer ratio. Journal of Neurological Sciences, 2009, 282, 86-95. | 1 in patients the | 0.3 | 18 |
| 1608 | Comparison study of amyloid PET and voxel-based morphometry analysis in mild cogniti and Alzheimer's disease. Journal of the Neurological Sciences, 2009, 285, 100-108. | ve impairment | 0.3 | 53 |
| 1609 | Brain structural changes in essential tremor: Voxel-based morphometry at 3-Tesla. Journ Neurological Sciences, 2009, 287, 138-142. | al of the | 0.3 | 153 |
| 1610 | Disrupted amygdalar subregion functional connectivity and evidence for a compensator generalized anxiety disorder. Neurolmage, 2009, 47, S71. | y network in | 2.1 | 1 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 1612 | On the Use of Morphometry Based Features for Alzheimer's Disease Detection on MRI. Lecture Notes in Computer Science, 2009, , 957-964. | 1.0 | 19 |
| 1613 | The structural neuroimaging of bipolar disorder. International Review of Psychiatry, 2009, 21, 297-313. | 1.4 | 81 |
| 1614 | Voxel-Based Morphometry: An Automated Technique for Assessing Structural Changes in the Brain. Journal of Neuroscience, 2009, 29, 9661-9664. | 1.7 | 279 |
| 1615 | fMRI Techniques and Protocols. Neuromethods, 2009, , . | 0.2 | 14 |
| 1616 | Groupwise morphometric analysis based on morphological appearance manifold. , 2009, , . | | 0 |
| 1617 | Diffusion MRI in Neurological Disorders. , 2009, , 175-203. | | 6 |
| 1618 | Disruption of Functional Connectivity in Clinically Normal Older Adults Harboring Amyloid Burden. Journal of Neuroscience, 2009, 29, 12686-12694. | 1.7 | 530 |
| 1619 | Cross-subject Comparison of Local Diffusion MRI Parameters. , 2009, , 147-174. | | 2 |
| 1621 | Gray and white matter changes associated with tool-use learning in macaque monkeys. Proceedings of the United States of America, 2009, 106, 18379-18384. | 3.3 | 216 |
| 1622 | Data synthesis and tool development for exploring imaging genomic patterns. , 2009, 2009, 298-305. | | 3 |
| 1623 | Anatomical Abnormalities of the Anterior Cingulate Cortex in Schizophrenia: Bridging the Gap Between Neuroimaging and Neuropathology. Schizophrenia Bulletin, 2009, 35, 973-993. | 2.3 | 218 |
| 1624 | Detection of motor cortex thinning and corticospinal tract involvement by quantitative MRI in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 47-52. | 2.3 | 80 |
| 1625 | Age-related neural activity during allocentric spatial memory. Memory, 2009, 17, 125-143. | 0.9 | 120 |
| 1626 | A case study of an emerging visual artist with frontotemporal lobar degeneration and amyotrophic lateral sclerosis. Neurocase, 2009, 15, 235-247. | 0.2 | 30 |
| 1627 | Automatic registration of follow-up brain MRI scans. , 2009, , . | | 2 |
| 1628 | Quantitative evaluation of Alzheimer's disease. Expert Review of Medical Devices, 2009, 6, 569-588. | 1.4 | 14 |
| 1629 | Comparison of atlas based segmentation and manual segmentation of hippocampus. , 2009, , . | | 1 |
| 1630 | 3D eigenfunction expansion of sparsely sampled 2D cortical data. , 2009, , . | | 1 |

| # | Article | IF | CITATIONS |
|------|--|--------|-----------|
| 1631 | Maturation cérébrale à l'adolescence : vulnérabilité comportementale. L'Encephale, 2009, 35, S182 | -SØ89. | 36 |
| 1632 | False discovery rate revisited: FDR and topological inference using Gaussian random fields. NeuroImage, 2009, 44, 62-70. | 2.1 | 426 |
| 1633 | Issues with threshold masking in voxel-based morphometry of atrophied brains. NeuroImage, 2009, 44, 99-111. | 2.1 | 275 |
| 1634 | Landmark-referenced voxel-based analysis of diffusion tensor images of the brainstem white matter tracts. NeuroImage, 2009, 44, 906-913. | 2.1 | 26 |
| 1635 | A study of diffusion tensor imaging by tissue-specific, smoothing-compensated voxel-based analysis. NeuroImage, 2009, 44, 870-883. | 2.1 | 93 |
| 1636 | Joint source based morphometry identifies linked gray and white matter group differences. NeuroImage, 2009, 44, 777-789. | 2.1 | 70 |
| 1637 | Sensitivity of voxel-based morphometry analysis to choice of imaging protocol at 3ÂT. NeuroImage, 2009, 44, 827-838. | 2.1 | 66 |
| 1638 | Voxel-Based Iterative Sensitivity (VBIS) analysis: Methods and a validation of intensity scaling for T2-weighted imaging of hippocampal sclerosis. NeuroImage, 2009, 44, 812-819. | 2.1 | 23 |
| 1639 | Association of regional gray matter volume loss and progression of white matter lesions in multiple sclerosis — A longitudinal voxel-based morphometry study. NeuroImage, 2009, 45, 60-67. | 2.1 | 83 |
| 1640 | Analysis of serial magnetic resonance images of mouse brains using image registration. NeuroImage, 2009, 44, 692-700. | 2.1 | 26 |
| 1641 | Regional DTI differences in multiple sclerosis patients. NeuroImage, 2009, 44, 1397-1403. | 2.1 | 337 |
| 1642 | Automated mapping of hippocampal atrophy in 1-year repeat MRI data from 490 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. NeuroImage, 2009, 45, S3-S15. | 2.1 | 211 |
| 1643 | Morphological appearance manifolds in computational anatomy: Groupwise registration and morphological analysis. NeuroImage, 2009, 45, S73-S85. | 2.1 | 30 |
| 1644 | A population-average MRI-based atlas collection of the rhesus macaque. NeuroImage, 2009, 45, 52-59. | 2.1 | 225 |
| 1645 | Impact of interacting functional variants in COMT on regional gray matter volume in human brain. NeuroImage, 2009, 45, 44-51. | 2.1 | 120 |
| 1646 | Can voxel based morphometry, manual segmentation and automated segmentation equally detect hippocampal volume differences in acute depression?. NeuroImage, 2009, 45, 29-37. | 2.1 | 254 |
| 1647 | Tract-based morphometry for white matter group analysis. NeuroImage, 2009, 45, 832-844. | 2.1 | 168 |
| 1648 | Cortical volumes and atrophy rates in FTD-3 CHMP2B mutation carriers and related non-carriers. NeuroImage, 2009, 45, 713-721. | 2.1 | 28 |

| | | CITATION RE | PORT | |
|------|--|------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 1649 | Reduced volume of Heschl's gyrus in tinnitus. NeuroImage, 2009, 45, 927-939. | | 2.1 | 128 |
| 1650 | The effect of template choice on morphometric analysis of pediatric brain data. NeuroIm 769-777. | age, 2009, 45, | 2.1 | 131 |
| 1651 | The underlying anatomical correlates of long-term meditation: Larger hippocampal and for volumes of gray matter. NeuroImage, 2009, 45, 672-678. | rontal | 2.1 | 367 |
| 1652 | A comparison of morphometric techniques for studying the shape of the corpus callosur adolescent idiopathic scoliosis. NeuroImage, 2009, 45, 738-748. | n in | 2.1 | 25 |
| 1653 | Alzheimer's Disease Neuroimaging Initiative: A one-year follow up study using tensor-bas morphometry correlating degenerative rates, biomarkers and cognition. NeuroImage, 20 | ed 09, 45, 645-655. | 2.1 | 159 |
| 1654 | A probabilistic MR atlas of the human cerebellum. NeuroImage, 2009, 46, 39-46. | | 2.1 | 1,128 |
| 1655 | Cerebral morphology and dopamine D2/D3 receptor distribution in humans: A combined and voxel-based morphometry study. NeuroImage, 2009, 46, 31-38. | [18F]fallypride | 2.1 | 65 |
| 1656 | Assessing the effects of age on long white matter tracts using diffusion tensor tractogra NeuroImage, 2009, 46, 530-541. | phy. | 2.1 | 406 |
| 1657 | Structural brain changes in tinnitus: Grey matter decrease in auditory and non-auditory b Neurolmage, 2009, 46, 213-218. | orain areas. | 2.1 | 253 |
| 1658 | Structural and diffusional brain abnormality related to relatively low level alcohol consun NeuroImage, 2009, 46, 505-510. | iption. | 2.1 | 25 |
| 1659 | MRI-derived measurements of human subcortical, ventricular and intracranial brain volur Reliability effects of scan sessions, acquisition sequences, data analyses, scanner upgrad vendors and field strengths. NeuroImage, 2009, 46, 177-192. | | 2.1 | 482 |
| 1660 | On the construction of a ground truth framework for evaluating voxel-based diffusion te analysis methods. NeuroImage, 2009, 46, 692-707. | nsor MRI | 2.1 | 52 |
| 1661 | RABBIT: Rapid alignment of brains by building intermediate templates. NeuroImage, 200 | 9, 47, 1277-1287. | 2.1 | 74 |
| 1662 | Widespread affections of large fiber tracts in postoperative temporal lobe epilepsy. Neur 46, 569-576. | olmage, 2009, | 2.1 | 68 |
| 1663 | Improved segmentation of deep brain grey matter structures using magnetization transf parameter maps. NeuroImage, 2009, 47, 194-198. | er (MT) | 2.1 | 164 |
| 1664 | Genotype–phenotype interactions in primary dystonias revealed by differential change structure. Neurolmage, 2009, 47, 1141-1147. | s in brain | 2.1 | 62 |
| 1665 | Gender differences in the functional and structural neuroanatomy of mathematical cogn NeuroImage, 2009, 47, 342-352. | ition. | 2.1 | 125 |
| 1666 | Multi-contrast large deformation diffeomorphic metric mapping for diffusion tensor imag NeuroImage, 2009, 47, 618-627. | ging. | 2.1 | 179 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 1667 | Memory performance correlates with gray matter density in the ento-/perirhinal cortex and posterior hippocampus in patients with mild cognitive impairment and healthy controls — A voxel based morphometry study. NeuroImage, 2009, 47, 1914-1920. | 2.1 | 75 |
| 1668 | Mapping the regional influence of genetics on brain structure variability — A Tensor-Based Morphometry study. NeuroImage, 2009, 48, 37-49. | 2.1 | 76 |
| 1669 | Vulnerability to simple faints is predicted by regional differences in brain anatomy. NeuroImage, 2009, 47, 937-945. | 2.1 | 34 |
| 1670 | Spatially augmented LPboosting for AD classification with evaluations on the ADNI dataset. NeuroImage, 2009, 48, 138-149. | 2.1 | 186 |
| 1671 | Functional but not structural changes associated with learning: An exploration of longitudinal Voxel-Based Morphometry (VBM). NeuroImage, 2009, 48, 117-125. | 2.1 | 90 |
| 1672 | A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. NeuroImage, 2009, 48, 371-380. | 2.1 | 504 |
| 1673 | Cognitive learning is associated with gray matter changes in healthy human individuals: A tensor-based morphometry study. NeuroImage, 2009, 48, 585-589. | 2.1 | 59 |
| 1674 | Optimizing power to track brain degeneration in Alzheimer's disease and mild cognitive impairment with tensor-based morphometry: An ADNI study of 515 subjects. NeuroImage, 2009, 48, 668-681. | 2.1 | 129 |
| 1675 | How Neuroimaging Studies Have Challenged Us to Rethink: IsÂChronic Pain a Disease?. Journal of Pain, 2009, 10, 1113-1120. | 0.7 | 376 |
| 1676 | Sourceâ€based morphometry: The use of independent component analysis to identify gray matter differences with application to schizophrenia. Human Brain Mapping, 2009, 30, 711-724. | 1.9 | 311 |
| 1677 | Disrupted Amygdalar Subregion Functional Connectivity and Evidence of a Compensatory Network in Generalized Anxiety Disorder. Archives of General Psychiatry, 2009, 66, 1361. | 13.8 | 554 |
| 1678 | Relation Between Amygdala Structure and Function in Adolescents With Bipolar Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 636-642. | 0.3 | 116 |
| 1679 | MRI in Dementia. Neurologic Clinics, 2009, 27, 221-236. | 0.8 | 7 |
| 1680 | Three-Dimensional Surface Mapping of the Caudate Nucleus in Late-Life Depression. American Journal of Geriatric Psychiatry, 2009, 17, 4-12. | 0.6 | 59 |
| 1681 | Diffusion Tensor MR Imaging. Neuroimaging Clinics of North America, 2009, 19, 37-43. | 0.5 | 73 |
| 1682 | Patients With Pain Disorder Show Gray-Matter Loss in Pain-Processing Structures: A Voxel-Based Morphometric Study. Psychosomatic Medicine, 2009, 71, 49-56. | 1.3 | 137 |
| 1683 | Imaging informatics for personalised medicine: applications and challenges. International Journal of Functional Informatics and Personalised Medicine, 2009, 2, 125. | 0.4 | 4 |
| 1684 | Duration of posttraumatic stress disorder predicts hippocampal grey matter loss. NeuroReport, 2009, 20, 1402-1406. | 0.6 | 81 |

| | | CITATION RE | PORT | |
|------|---|--------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 1685 | Structural brain correlates of verbal fluency in Parkinson's disease. NeuroReport, 2009 | , 20, 741-744. | 0.6 | 69 |
| 1686 | Reconciling neuroimaging and neuropathological findings in schizophrenia and bipolar Current Opinion in Psychiatry, 2009, 22, 312-319. | disorder. | 3.1 | 61 |
| 1687 | Decreased Gray Matter Volumes in the Cingulo-Frontal Cortex and the Amygdala in Par Fibromyalgia. Psychosomatic Medicine, 2009, 71, 566-573. | tients With | 1.3 | 186 |
| 1688 | White Matter Microstructure in Relation to Education in Aging and Alzheimer's Diseas Alzheimer's Disease, 2009, 17, 571-583. | e1. Journal of | 1.2 | 84 |
| 1689 | Theory of mind associations with other cognitive functions and brain imaging in norma Psychology and Aging, 2009, 24, 338-348. | al aging | 1.4 | 130 |
| 1690 | 4 A Systems Approach to the Aging Brain: Neuroanatomic Changes, Their Modifiers, ar Correlates. , 2009, , 43-70. | nd Cognitive | | 34 |
| 1692 | Intelligent automated brain image segmentation. International Journal of Innovative Co Applications, 2009, 2, 23. | omputing and | 0.2 | 4 |
| 1693 | Smaller Gray Matter Volumes in Frontal and Parietal Cortices of Solvent Abusers Corre Cognitive Deficits. American Journal of Neuroradiology, 2009, 30, 1922-1928. | late with | 1.2 | 23 |
| 1694 | Voxel-wise meta-analysis of grey matter changes in obsessive–compulsive disorder. I Psychiatry, 2009, 195, 393-402. | 3ritish Journal of | 1.7 | 768 |
| 1695 | The Effects of Antipsychotics on the Brain: What Have We Learnt from Structural Imag Schizophrenia? – A Systematic Review. Current Pharmaceutical Design, 2009, 15, 25 | | 0.9 | 191 |
| 1696 | Genetic dissection of the mouse CNS using magnetic resonance microscopy. Current (Neurology, 2009, 22, 379-386. | Opinion in | 1.8 | 17 |
| 1697 | Arterial spin-labeled perfusion MRI in basic and clinical neuroscience. Current Opinion i 2009, 22, 348-355. | n Neurology, | 1.8 | 188 |
| 1698 | Neuroimaging Studies in Alzheimer's Disease. Neuroradiology Journal, 2009, 22, 525-5 | 33. | 0.6 | 0 |
| 1699 | Neural Correlates of Anxiety in Healthy Volunteers: A Voxel-Based Morphometry Study Neuropsychiatry and Clinical Neurosciences, 2009, 21, 199-205. | . Journal of | 0.9 | 84 |
| 1700 | Groupwise morphometric analysis based on morphological appearance manifold. , 200 | 9, , . | | 0 |
| 1701 | Deep White Matter Volume Loss and Social Reintegration After Traumatic Brain Injury Journal of Head Trauma Rehabilitation, 2010, 25, 15-22. | in Children. | 1.0 | 20 |
| 1702 | Mapping gray matter volume and cortical thickness in Alzheimer's disease. , 2010, , . | | | 1 |
| 1703 | Predictive modeling of neuroanatomic structures for brain atrophy detection. , 2010, , | | | 0 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1704 | Sex differences in brain gray and white matter in healthy young adults: Correlations with resting state ALFF. , 2010, , . | | 3 |
| 1705 | Voxel-Based Morphometry in Patients with Cryptogenic Occipital Epilepsies. Neuroradiology Journal, 2010, 23, 28-34. | 0.6 | 0 |
| 1706 | A Morphometric Analysis of Neuroanatomic Abnormalities in Traumatic Brain Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2010, 22, 173-181. | 0.9 | 17 |
| 1707 | Diffusion Tensor Imaging: A Review for Pediatric Researchers and Clinicians. Journal of Developmental and Behavioral Pediatrics, 2010, 31, 346-356. | 0.6 | 315 |
| 1708 | Neurobiological Pathways Linking Socioeconomic Position and Health. Psychosomatic Medicine, 2010, 72, 450-461. | 1.3 | 72 |
| 1709 | Imaging brain trauma. Current Opinion in Critical Care, 2010, 16, 92-97. | 1.6 | 24 |
| 1710 | Gray matter in amnestic mild cognitive impairment: voxel-based morphometry. NeuroReport, 2010, 21, 259-263. | 0.6 | 15 |
| 1711 | The Outcome of Elderly Patients with Cognitive Complaints but Normal Neuropsychological Tests. Journal of Alzheimer's Disease, 2010, 19, 137-145. | 1.2 | 35 |
| 1712 | Longitudinal Changes in Fiber Tract Integrity in Healthy Aging and Mild Cognitive Impairment: A DTI Follow-Up Study. Journal of Alzheimer's Disease, 2010, 22, 507-522. | 1.2 | 157 |
| 1713 | In Vivo Structural Neuroanatomy of Corpus Callosum in Alzheimer's Disease and Mild Cognitive Impairment Using Different MRI Techniques: A Review. Journal of Alzheimer's Disease, 2010, 20, 67-95. | 1.2 | 124 |
| 1714 | Diagnostic Utility of Novel MRI-Based Biomarkers for Alzheimer's Disease: Diffusion Tensor Imaging and Deformation-Based Morphometry. Journal of Alzheimer's Disease, 2010, 20, 477-490. | 1.2 | 31 |
| 1715 | Grey and White Matter Changes at Different Stages of Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 19, 147-159. | 1.2 | 135 |
| 1716 | In-vivo measurement of cortical morphology: means and meanings. Current Opinion in Neurology, 2010, 23, 359-367. | 1.8 | 127 |
| 1717 | Differences in Cortical Thickness in Healthy Controls, Subjects with Mild Cognitive Impairment, and Alzheimer's Disease Patients: A Longitudinal Study. Journal of Alzheimer's Disease, 2010, 21, 1141-1151. | 1.2 | 54 |
| 1718 | Functional Impact of White Matter Hyperintensities in Cognitively Normal Elderly Subjects. Archives of Neurology, 2010, 67, 1379-85. | 4.9 | 146 |
| 1719 | The plasticity of human maternal brain: Longitudinal changes in brain anatomy during the early postpartum period Behavioral Neuroscience, 2010, 124, 695-700. | 0.6 | 459 |
| 1720 | Altered Brain Activation During a Verbal Working Memory Task in Subjects with Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2010, 21, 103-118. | 1.2 | 86 |
| 1721 | Are the Behavioral Symptoms of Alzheimer's Disease Directly Associated with Neurodegeneration?. Journal of Alzheimer's Disease, 2010, 21, 627-639. | 1.2 | 95 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1722 | Arterial Spin Labeling Blood Flow MRI: Its Role in the Early Characterization of Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 20, 871-880. | 1.2 | 189 |
| 1723 | The Amnestic Syndrome of Hippocampal type in Alzheimer's Disease: An MRI Study. Journal of Alzheimer's Disease, 2010, 22, 285-294. | 1.2 | 141 |
| 1724 | Tract-specific analysis for investigation of Alzheimer disease: a brief review. Japanese Journal of Radiology, 2010, 28, 494-501. | 1.0 | 8 |
| 1725 | Significance of MRI in Diagnosis and Differential Diagnosis of Parkinson's Disease. Neurodegenerative Diseases, 2010, 7, 300-318. | 0.8 | 116 |
| 1726 | Three-dimensional textural analysis of brain images reveals distributed grey-matter abnormalities in schizophrenia. European Radiology, 2010, 20, 941-948. | 2.3 | 27 |
| 1727 | Short-term meditation induces white matter changes in the anterior cingulate. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15649-15652. | 3.3 | 404 |
| 1728 | Imaging genetics: implications for research on variable antidepressant drug response. Expert Review of Clinical Pharmacology, 2010, 3, 471-489. | 1.3 | 13 |
| 1730 | Neuroanatomical correlates of olfactory performance. Experimental Brain Research, 2010, 201, 1-11. | 0.7 | 96 |
| 1731 | With time on our side? Task-dependent compensatory processes in graceful aging. Experimental Brain Research, 2010, 205, 307-324. | 0.7 | 38 |
| 1732 | An enhanced voxel-based morphometry method to investigate structural changes: application to Alzheimer's disease. Neuroradiology, 2010, 52, 203-213. | 1.1 | 14 |
| 1733 | Detection of changes in cerebrospinal fluid space in idiopathic normal pressure hydrocephalus using voxel-based morphometry. Neuroradiology, 2010, 52, 381-386. | 1.1 | 42 |
| 1734 | Age-related changes in regional brain volume evaluated by atlas-based method. Neuroradiology, 2010, 52, 865-873. | 1.1 | 31 |
| 1735 | Computational analysis of cerebral cortex. Neuroradiology, 2010, 52, 691-698. | 1.1 | 32 |
| 1736 | Central Nervous System Changes in Pediatric Heart Failure: A Volumetric Study. Pediatric Cardiology, 2010, 31, 969-976. | 0.6 | 24 |
| 1737 | Shifting from region of interest (ROI) to voxel-based analysis in human brain mapping. Pediatric Radiology, 2010, 40, 1857-1867. | 1.1 | 56 |
| 1738 | Evaluation of brain atrophy estimation algorithms using simulated ground-truth data. Medical Image Analysis, 2010, 14, 373-389. | 7.0 | 22 |
| 1739 | Aging effects on cerebral asymmetry: a voxel-based morphometry and diffusion tensor imaging study. Magnetic Resonance Imaging, 2010, 28, 65-69. | 1.0 | 20 |
| 1740 | On the sensitivity of ASL MRI in detecting regional differences in cerebral blood flow. Magnetic Resonance Imaging, 2010, 28, 928-935. | 1.0 | 93 |

ARTICLE IF CITATIONS Reduced prefrontal gyrification in obsessiveâ€" compulsive disorder. European Archives of Psychiatry 1741 1.8 37 and Clinical Neuroscience, 2010, 260, 455-464. MRI characteristics of patients with antiphospholipid syndrome and multiple sclerosis. Journal of 1742 1.8 Neurology, 2010, 257, 63-71. Neuroimaging in chronic migraine. Neurological Sciences, 2010, 31, 19-22. 0.9 1743 38 Fast and Accurate Registration Techniques for Affine and Nonrigid Alignment of MR Brain Images. 1744 Annals of Biomedical Engineering, 2010, 38, 138-157. A positive correlation between fractional white matter volume and the response of Parkinson disease 1745 0.9 10 patients to subthalamic stimulation. Acta Neurochirurgica, 2010, 152, 997-1006. The role of laboratory medicine in healthcare: quality requirements of immunoassays, 1746 3.3 standardisation and data management in prospective medicine. EPMA Journal, 2010, 1, 619-626. White matter microstructure in 22q11 deletion syndrome: a pilot diffusion tensor imaging and 1747 voxel-based morphometry study of children and adolescents. Journal of Neurodevelopmental 1.5 38 Disorders, 2010, 2, 77-92. Gray matter reduction associated with systemic chemotherapy for breast cancer: a prospective MRI 1748 1.1 266 study. Breast Cancer Research and Treatment, 2010, 123, 819-828. FRATS: Functional Regression Analysis of DTI Tract Statistics. IEEE Transactions on Medical Imaging, 1749 5.4 33 2010, 29, 1039-1049. Gray matter density in limbic and paralimbic cortices is associated with trauma load and EMDR 1.5 123 outcome in PTSD patients. Journal of Psychiatric Research, 2010, 44, 477-485. Hippocampal volume changes in healthy subjects at risk of unipolar depression. Journal of Psychiatric 1751 70 1.5 Research, 2010, 44, 655-662. Early changes in the hypothalamic region in prodromal Huntington disease revealed by MRI analysis. 2.1 74 Neurobiology of Disease, 2010, 40, 531-543. The relationship between episodic long-term memory and white matter integrity in normal aging. 1753 0.7 42 Neuropsychologia, 2010, 48, 114-122. Irritability in pre-clinical Huntington's disease. Neuropsychologia, 2010, 48, 549-557. 1754 68 1755 Developmental topographical disorientation in a healthy subject. Neuropsychologia, 2010, 48, 1563-1573. 102 0.7 Evidence of gray matter reduction and dysfunction in chromosome 22q11.2 deletion syndrome. 39 Psychiatry Research - Neuroimaging, 2010, 181, 1-8. Cocaine addiction: Diffusion tensor imaging study of the inferior frontal and anterior cingulate 1757 0.9 94 white matter. Psychiatry Research - Neuroimaging, 2010, 181, 57-63. Differential fractional anisotropy abnormalities in adolescents with ADHD or schizophrenia.

CITATION REPORT

Psychiatry Research - Neuroimaging, 2010, 181, 193-198.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1759 | Temperament at 5years of age predicts amygdala and orbitofrontal volume in the right hemisphere in adolescence. Psychiatry Research - Neuroimaging, 2010, 182, 14-21. | 0.9 | 33 |
| 1760 | Amygdalar modulation of frontotemporal connectivity during the inkblot test. Psychiatry Research - Neuroimaging, 2010, 182, 103-110. | 0.9 | 25 |
| 1761 | Behavioral performance predicts grey matter reductions in the right inferior frontal gyrus in young adults with combined type ADHD. Psychiatry Research - Neuroimaging, 2010, 182, 231-237. | 0.9 | 72 |
| 1762 | Voxel-based morphometry in eating disorders: Correlation of psychopathology with grey matter volume. Psychiatry Research - Neuroimaging, 2010, 182, 146-151. | 0.9 | 106 |
| 1763 | White matter volume abnormalities and associations with symptomatology in schizophrenia. Psychiatry Research - Neuroimaging, 2010, 183, 21-29. | 0.9 | 41 |
| 1764 | Volume reduction of the corpus callosum and its relationship with deficits in interhemispheric transfer of information in recent-onset psychosis. Psychiatry Research - Neuroimaging, 2010, 184, 1-9. | 0.9 | 18 |
| 1765 | Regional gray and white matter volume abnormalities in obsessive–compulsive disorder: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2010, 184, 29-37. | 0.9 | 73 |
| 1766 | Gray matter correlates of cognitive ability tests used for vocational guidance. BMC Research Notes, 2010, 3, 206. | 0.6 | 12 |
| 1767 | Exploring the knowledge contained in neuroimages: Statistical discriminant analysis and automatic segmentation of the most significant changes. Artificial Intelligence in Medicine, 2010, 49, 105-115. | 3.8 | 6 |
| 1768 | Human Parietal Cortex Structure Predicts Individual Differences in Perceptual Rivalry. Current Biology, 2010, 20, 1626-1630. | 1.8 | 197 |
| 1769 | Aerobic fitness is associated with gray matter volume and white matter integrity in multiple sclerosis. Brain Research, 2010, 1341, 41-51. | 1.1 | 169 |
| 1770 | Effect of immunomodulatory medication on regional gray matter loss in relapsing–remitting multiple sclerosis—A longitudinal MRI study. Brain Research, 2010, 1325, 174-182. | 1.1 | 31 |
| 1771 | Menstrual cycle and hormonal contraceptive use modulate human brain structure. Brain Research, 2010, 1348, 55-62. | 1.1 | 161 |
| 1772 | Cerebral and functional adaptation with chronic hypoxia exposure: A multi-modal MRI study. Brain Research, 2010, 1348, 21-29. | 1.1 | 52 |
| 1773 | Sexual dimorphism and asymmetry in human cerebellum: An MRI-based morphometric study. Brain Research, 2010, 1353, 60-73. | 1.1 | 62 |
| 1774 | Prefrontal-temporal gray matter deficits in bipolar disorder patients with persecutory delusions. Journal of Affective Disorders, 2010, 120, 54-61. | 2.0 | 56 |
| 1775 | The Musical Brain: Myth and Science. World Neurosurgery, 2010, 73, 442-453. | 0.7 | 10 |
| 1776 | Metabolismo talámico y situación neurológica tras un traumatismo craneoencefálico. Estudio mediante PET-FDG y morfometrÃa basada en vóxel. NeurologÃa, 2010, 25, 174-180. | 0.3 | 6 |

| | CITATION R | EPORT | |
|------|--|-------|-----------|
| # | Article | IF | Citations |
| 1777 | Abnormal cerebellum density in victims of rape with postâ€ŧraumatic stress disorder: Voxelâ€based analysis of magnetic resonance imaging investigation. Asia-Pacific Psychiatry, 2010, 2, 129-135. | 1.2 | 17 |
| 1778 | Twentyâ€five pitfalls in the analysis of diffusion MRI data. NMR in Biomedicine, 2010, 23, 803-820. | 1.6 | 717 |
| 1779 | Motor deficits and neurofibromatosis type 1 (NF1)â€associated MRI impairments in a mouse model of NF1. NMR in Biomedicine, 2010, 23, 1173-1180. | 1.6 | 9 |
| 1780 | Attachment style, affective loss and gray matter volume: A voxelâ€based morphometry study. Human Brain Mapping, 2010, 31, 1482-1489. | 1.9 | 31 |
| 1781 | Abnormal water diffusivity in corticostriatal projections in children with Tourette syndrome. Human Brain Mapping, 2010, 31, 1665-1674. | 1.9 | 31 |
| 1782 | Evidence for retrochiasmatic tissue loss in Leber's hereditary optic neuropathy. Human Brain Mapping, 2010, 31, 1900-1906. | 1.9 | 53 |
| 1783 | Mapping reliability in multicenter MRI: Voxelâ€based morphometry and cortical thickness. Human Brain Mapping, 2010, 31, 1967-1982. | 1.9 | 77 |
| 1784 | Patterns of cortical degeneration in an elderly cohort with cerebral small vessel disease. Human Brain Mapping, 2010, 31, 1983-1992. | 1.9 | 29 |
| 1785 | The "Task B problem―and other considerations in developmental functional neuroimaging. Human Brain Mapping, 2010, 31, 852-862. | 1.9 | 133 |
| 1786 | Computerâ€based morphometry of brain. International Journal of Imaging Systems and Technology, 2010, 20, 117-125. | 2.7 | 1 |
| 1787 | Impact of the HTR3A gene with early life trauma on emotional brain networks and depressed mood. Depression and Anxiety, 2010, 27, 752-759. | 2.0 | 69 |
| 1788 | Voxelâ€based morphometry depicts central compensation after vestibular neuritis. Annals of Neurology, 2010, 68, 241-249. | 2.8 | 107 |
| 1789 | Reducing the impact of white matter lesions on automated measures of brain gray and white matter volumes. Journal of Magnetic Resonance Imaging, 2010, 32, 223-228. | 1.9 | 247 |
| 1790 | Method for simultaneous voxelâ€based morphometry of the brain and cervical spinal cord area measurements using 3Dâ€MDEFT. Journal of Magnetic Resonance Imaging, 2010, 32, 1242-1247. | 1.9 | 33 |
| 1791 | Functional correlates of lower cognitive test scores in essential tremor. Movement Disorders, 2010, 25, 481-485. | 2.2 | 37 |
| 1792 | External validation of abbreviated versions of the activitiesâ€specific balance confidence scale in Parkinson's disease. Movement Disorders, 2010, 25, 485-489. | 2.2 | 34 |
| 1793 | Plasma αâ€ s ynuclein in patients with Parkinson's disease with and without treatment. Movement Disorders, 2010, 25, 489-493. | 2.2 | 93 |
| 1794 | Artistic profession: A potential risk factor for dopamine dysregulation syndrome in Parkinson's disease?. Movement Disorders, 2010, 25, 493-496. | 2.2 | 37 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1795 | Topographical distribution of cerebral cortical thinning in patients with mild Parkinson's disease without dementia. Movement Disorders, 2010, 25, 496-499. | 2.2 | 72 |
| 1796 | Anatomical differences between CBSâ€corticobasal degeneration and CBSâ€Alzheimer's disease. Movement Disorders, 2010, 25, 1246-1252. | 2.2 | 71 |
| 1797 | A framework for optimizing measurement weight maps to minimize the required sample size. Medical Image Analysis, 2010, 14, 255-264. | 7.0 | 4 |
| 1798 | Study-specific EPI template improves group analysis in functional MRI of young and older adults. Journal of Neuroscience Methods, 2010, 189, 257-266. | 1.3 | 56 |
| 1799 | Denoising 3D MR images by the enhanced non-local means filter for Rician noise. Magnetic Resonance Imaging, 2010, 28, 1485-1496. | 1.0 | 69 |
| 1800 | A role for white matter abnormalities in the pathophysiology of bipolar disorder. Neuroscience and Biobehavioral Reviews, 2010, 34, 533-554. | 2.9 | 202 |
| 1801 | Auras and clinical features in temporal lobe epilepsy: A new approach on the basis of voxel-based morphometry. Epilepsy Research, 2010, 89, 327-338. | 0.8 | 33 |
| 1802 | Innovative evaluation of visual field defects in epileptic patients after standard anterior temporal lobectomy, using partial field visual evoked potentials. Epilepsy Research, 2010, 90, 68-74. | 0.8 | 3 |
| 1803 | Atrophy of the parahippocampal gyrus and regional cerebral blood flow in the limbic system in chronic alcoholic patients. Alcohol, 2010, 44, 439-445. | 0.8 | 23 |
| 1804 | Fully automatic brain extraction algorithm for axial T2-weighted magnetic resonance images. Computers in Biology and Medicine, 2010, 40, 811-822. | 3.9 | 65 |
| 1805 | Image analysis tools and emerging algorithms for expression proteomics. Proteomics, 2010, 10, 4226-4257. | 1.3 | 46 |
| 1806 | A deformationâ€based morphometry study of patients with earlyâ€stage Parkinson's disease. European Journal of Neurology, 2010, 17, 314-320. | 1.7 | 80 |
| 1807 | Corticolimbic gray matter loss in Parkinson's disease without dementia. European Journal of Neurology, 2010, 17, 1090-1097. | 1.7 | 60 |
| 1808 | Interictal Metabolic Changes in Episodic Migraine: A Voxel-Based FDG-PET Study. Cephalalgia, 2010, 30, 53-61. | 1.8 | 93 |
| 1809 | Voxelâ€based morphometry of sporadic epileptic patients with mesiotemporal sclerosis. Epilepsia, 2010, 51, 506-510. | 2.6 | 43 |
| 1810 | Hippocampal malrotation in pediatric patients with epilepsy associated with complex prefrontal dysfunction. Epilepsia, 2010, 51, 546-555. | 2.6 | 23 |
| 1811 | New anatomic MRI techniques. Epilepsia, 2010, 51, 80-82. | 2.6 | 4 |
| 1812 | Brain Volume and Survival from Age 78 to 85: The Contribution of Alzheimerâ€Type Magnetic Resonance Imaging Findings. Journal of the American Geriatrics Society, 2010, 58, 688-695. | 1.3 | 19 |

| CITATION RE | CITATION REPORT | |
|--|-----------------|-----------|
| Article | IF | Citations |
| Research Review: The neurobiology and genetics of maltreatment and adversity. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2010, 51, 1079-1095. | 3.1 | 480 |
| Functional (GT)n polymorphisms in promoter region of <i>N</i> â€methylâ€ <scp>d</scp> â€aspartate receptor 2A subunit (<i>GRIN2A</i>) gene affect hippocampal and amygdala volumes. Genes, Brain and Behavior, 2010, 9, 269-275. | 1.1 | 12 |
| Abnormal grey matter in victims of rape with PTSD in Mainland China: a voxel-based morphometry study. Acta Neuropsychiatrica, 2010, 22, 118-126. | 1.0 | 38 |
| Structural Correlates of Functional Language Dominance: A Voxelâ€Based Morphometry Study. Journal of Neuroimaging, 2010, 20, 148-156. | 1.0 | 14 |
| Manic episodes are associated with grey matter volume reduction — a voxelâ€based morphometry brain analysis. Acta Psychiatrica Scandinavica, 2010, 122, 507-515. | 2.2 | 86 |
| Medial prefrontal cortex pathology in schizophrenia as revealed by convergent findings from multimodal imaging. Molecular Psychiatry, 2010, 15, 823-830. | 4.1 | 160 |
| Genetic variation on the <i>BDNF</i> gene is not associated with differences in white matter tracts in healthy humans measured by tractâ€based spatial statistics. Genes, Brain and Behavior, 2010, 9, 886-891. | 1.1 | 25 |
| Correlations between Zâ€scores of VSRAD and regional cerebral blood flow of SPECT in patients with Alzheimer's disease and mild cognitive impairment. Psychiatry and Clinical Neurosciences, 2010, 64, 284-292. | 1.0 | 14 |
| Reduced gray matter volume of dorsal cingulate cortex in patients with obsessive–compulsive disorder: A voxelâ€based morphometric study. Psychiatry and Clinical Neurosciences, 2010, 64, 541-547. | 1.0 | 32 |
| Development of relational reasoning during adolescence. Developmental Science, 2010, 13, F15-24. | 1.3 | 70 |
| Structural imaging of Alzheimer's disease. , 0, , 313-331. | | 0 |
| Structural and functional neuroimaging throughout the lifespan. , 2010, , 69-82. | | 2 |
| Structural imaging of other anxiety disorders. , 0, , 274-287. | | 0 |
| Structural imaging of substance abuse. , 0, , 403-428. | | 1 |

Brain imaging and the neuroanatomical correlates of autism. , 2011, , 112-155. 1827

| 1828 | Whole brain resting-state analysis reveals decreased functional connectivity in major depression. Frontiers in Systems Neuroscience, 2010, 4, . | 1.2 | 414 |
|------|--|-----|-----|
| 1829 | How Neuroscience and Behavioral Genetics Improve Psychiatric Assessment: Report on a Violent Murder Case. Frontiers in Behavioral Neuroscience, 2010, 4, 160. | 1.0 | 29 |
| 1830 | Differential Brain Activation to Angry Faces by Elite Warfighters: Neural Processing Evidence for Enhanced Threat Detection. PLoS ONE, 2010, 5, e10096. | 1.1 | 35 |

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1813

1815

1817

1819

1821

1823

1825

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1831 | Joint Effect of White Matter Lesions and Hippocampal Volumes on Severity of Cognitive Decline: The 3C-Dijon MRI Study. Journal of Alzheimer's Disease, 2010, 20, 453-463. | 1.2 | 97 |
| 1832 | Cortical Thickness and Subcortical Gray Matter Reductions in Neuropsychiatric Systemic Lupus Erythematosus. PLoS ONE, 2010, 5, e9302. | 1.1 | 48 |
| 1833 | Cerebellum Abnormalities in Idiopathic Generalized Epilepsy with Generalized Tonic-Clonic Seizures Revealed by Diffusion Tensor Imaging. PLoS ONE, 2010, 5, e15219. | 1.1 | 48 |
| 1834 | Development of a Korean Standard Structural Brain Template in Cognitive Normals and Patients with Mild Cognitive Impairment and Alzheimer's Disease. Journal of the Korean Society of Magnetic Resonance in Medicine, 2010, 14, 103. | 0.1 | 5 |
| | Tana manhiad Disaviantation in Mild Compitive Janasimonts A Maud Doord Mamhamatur (Study | | |

1835 Topographical Disorientation in Mild Cognitive Impairment: A Voxel-Based Morphometry Study.

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 1849 | Development of the Selection and Manipulation of Self-Generated Thoughts in Adolescence. Journal of Neuroscience, 2010, 30, 7664-7671. | 1.7 | 29 |
| 1850 | Reduction in Left Supplementary Motor Area Grey Matter in Adult Female Fibromyalgia Sufferers with Marked Fatigue and without Affective Disorder: A Pilot Controlled 3-T Magnetic Resonance Imaging Voxel-Based Morphometry Study. Journal of International Medical Research, 2010, 38, 1468-1472. | 0.4 | 19 |
| 1851 | Quantitative Relaxometry of the Brain. Topics in Magnetic Resonance Imaging, 2010, 21, 101-113. | 0.7 | 186 |
| 1852 | Mild Traumatic Brain Injury. Topics in Magnetic Resonance Imaging, 2010, 21, 379-386. | 0.7 | 34 |
| 1853 | Schizotypy and brain structure: a voxel-based morphometry study. Psychological Medicine, 2010, 40, 1423-1431. | 2.7 | 80 |
| 1854 | Anosmia Leads to a Loss of Gray Matter in Cortical Brain Areas. Chemical Senses, 2010, 35, 407-415. | 1.1 | 121 |
| 1855 | Clinical and anatomical heterogeneity in autistic spectrum disorder: a structural MRI study. Psychological Medicine, 2010, 40, 1171-1181. | 2.7 | 107 |
| 1856 | Neuroanatomical correlates of psychosis in temporal lobe epilepsy: voxel-based morphometry study. British Journal of Psychiatry, 2010, 197, 482-492. | 1.7 | 33 |
| 1857 | Meta-analytical Comparison of Voxel-Based Morphometry Studies in Obsessive-Compulsive Disorder vs Other Anxiety Disorders. Archives of General Psychiatry, 2010, 67, 701-11. | 13.8 | 334 |
| 1858 | Statistical Parametric Mapping and Cluster Counting Analysis of [¹⁸ F] FDG-PET Imaging in Traumatic Brain Injury. Journal of Neurotrauma, 2010, 27, 35-49. | 1.7 | 44 |
| 1859 | Separating neural correlates of allocentric and egocentric neglect: Distinct cortical sites and common white matter disconnections. Cognitive Neuropsychology, 2010, 27, 277-303. | 0.4 | 135 |
| 1860 | Dissimilarity-Based Detection of Schizophrenia. , 2010, , . | | 6 |
| 1861 | Groupwise morphometric analysis based on high dimensional clustering. , 2010, 2010, 47-54. | | 1 |
| 1862 | Volumetric and Voxel-Based Morphometry Findings in Autism Subjects With and Without Macrocephaly. Developmental Neuropsychology, 2010, 35, 278-295. | 1.0 | 40 |
| 1863 | Update on neuroimaging in epilepsy. Expert Review of Neurotherapeutics, 2010, 10, 961-973. | 1.4 | 12 |
| 1864 | Anatomical parts-based regression using non-negative matrix factorization. , 2010, , 2863-2870. | | 7 |
| 1865 | Nurture versus Nature: Long-Term Impact of Forced Right-Handedness on Structure of Pericentral Cortex and Basal Ganglia. Journal of Neuroscience, 2010, 30, 3271-3275. | 1.7 | 68 |
| 1866 | White-matter markers for psychosis in a prospective ultra-high-risk cohort. Psychological Medicine, 2010, 40, 1297-1304. | 2.7 | 130 |

| | | 15 | Currenterio |
|------|--|-----|-------------|
| # | ARTICLE Blood-brain barrier permeability is increased in normal-appearing white matter in patients with | IF | CITATIONS |
| 1867 | lacunar stroke and leucoaraiosís. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 192-197. | 0.9 | 238 |
| 1868 | The application of biomarkers in clinical trials for motor neuron disease. Biomarkers in Medicine, 2010, 4, 281-297. | 0.6 | 26 |
| 1869 | Dynamic Properties of Human Brain Structure: Learning-Related Changes in Cortical Areas and Associated Fiber Connections. Journal of Neuroscience, 2010, 30, 11670-11677. | 1.7 | 442 |
| 1870 | A Multimodal Assessment of the Genetic Control over Working Memory. Journal of Neuroscience, 2010, 30, 8197-8202. | 1.7 | 70 |
| 1871 | Genetic Variation in FGF20 Modulates Hippocampal Biology. Journal of Neuroscience, 2010, 30, 5992-5997. | 1.7 | 21 |
| 1872 | Genetic control over the resting brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1223-1228. | 3.3 | 436 |
| 1873 | Resuscitating the heart but losing the brain. Neurology, 2010, 74, 306-312. | 1.5 | 74 |
| 1874 | Language networks in semantic dementia. Brain, 2010, 133, 286-299. | 3.7 | 220 |
| 1875 | Genetic and environmental influences on focal brain density in bipolar disorder. Brain, 2010, 133, 3080-3092. | 3.7 | 45 |
| 1876 | White-matter Volume Reduction and the Protective Effect of Immunosuppressive Therapy in Systemic Lupus Erythematosus Patients with Normal Appearance by Conventional Magnetic Resonance Imaging. Journal of Rheumatology, 2010, 37, 974-986. | 1.0 | 23 |
| 1877 | Abnormal Cortical Networks in Mild Cognitive Impairment and Alzheimer's Disease. PLoS Computational Biology, 2010, 6, e1001006. | 1.5 | 390 |
| 1878 | Microcephaly with simplified gyral pattern. Neurology, 2010, 74, 386-391. | 1.5 | 20 |
| 1879 | Gray and white matter water diffusion in the syndromic variants of frontotemporal dementia. Neurology, 2010, 74, 1279-1287. | 1.5 | 235 |
| 1880 | Absolute diffusivities define the landscape of white matter degeneration in Alzheimer's disease. Brain, 2010, 133, 529-539. | 3.7 | 359 |
| 1881 | Increased tissue damage and lesion volumes in African Americans with multiple sclerosis. Neurology, 2010, 74, 538-544. | 1.5 | 58 |
| 1882 | Frontotemporal dementias: Recent advances and current controversies. Annals of Indian Academy of Neurology, 2010, 13, 74. | 0.2 | 14 |
| 1883 | Gray Matter Alterations in Obsessive–Compulsive Disorder: An Anatomic Likelihood Estimation Meta-Analysis. Neuropsychopharmacology, 2010, 35, 686-691. | 2.8 | 196 |
| 1884 | Neuroanatomical correlates of psychopathology in antipsychotic-naive schizophrenia. Indian Journal of Psychiatry, 2010, 52, 28. | 0.4 | 22 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 1885 | Does TDP-43 type confer a distinct pattern of atrophy in frontotemporal lobar degeneration?. Neurology, 2010, 75, 2212-2220. | 1.5 | 72 |
| 1886 | Culture and neuroscience: additive or synergistic?: Table 1. Social Cognitive and Affective Neuroscience, 2010, 5, 148-158. | 1.5 | 35 |
| 1887 | A voxel-based morphometry study of disease severity correlates in relapsing— remitting multiple sclerosis. Multiple Sclerosis Journal, 2010, 16, 45-54. | 1.4 | 45 |
| 1888 | Cerebral Microhemorrhage and Iron Deposition in Mild Cognitive Impairment: Susceptibility-weighted MR Imaging Assessment. Radiology, 2010, 257, 764-773. | 3.6 | 73 |
| 1889 | Larger temporal volume in elderly with high versus low beta-amyloid deposition. Brain, 2010, 133, 3349-3358. | 3.7 | 130 |
| 1890 | Surface shape analysis with an application to brain surface asymmetry in schizophrenia. Biostatistics, 2010, 11, 609-630. | 0.9 | 11 |
| 1891 | Detection of small human cerebral cortical lesions with MRI under different levels of Gaussian smoothing: applications in epilepsy. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 1892 | Magnetic resonance imaging lesion pattern in Guadeloupean parkinsonism is distinct from progressive supranuclear palsy. Brain, 2010, 133, 2410-2425. | 3.7 | 34 |
| 1893 | Improving fluid registration through white matter segmentation in a twin study design. , 2010, , . | | 0 |
| 1894 | Atrophic Enlargement of CSF Volume after Subarachnoid Hemorrhage: Correlation with Neuropsychological Outcome. American Journal of Neuroradiology, 2010, 31, 370-376. | 1.2 | 62 |
| 1895 | Pitfalls in the Use of Voxel-Based Morphometry as a Biomarker: Examples from Huntington Disease. American Journal of Neuroradiology, 2010, 31, 711-719. | 1.2 | 94 |
| 1896 | When, where, and how the corpus callosum changes in MCI and AD. Neurology, 2010, 74, 1136-1142. | 1.5 | 144 |
| 1897 | Voxel-based morphometry and epilepsy. Expert Review of Neurotherapeutics, 2010, 10, 975-984. | 1.4 | 37 |
| 1898 | Sexual Dimorphism in the Parietal Substrate Associated with Visuospatial Cognition Independent of General Intelligence. Journal of Cognitive Neuroscience, 2010, 22, 139-155. | 1.1 | 75 |
| 1899 | Heritable Variations in Gray Matter Concentration as a Potential Endophenotype for Psychopathic Traits. Archives of General Psychiatry, 2010, 67, 406. | 13.8 | 40 |
| 1900 | Neurocognition and White Matter Imaging: Can the Relationship Be Reliably Quantified?. American Journal of Psychiatry, 2010, 167, 373-375. | 4.0 | 2 |
| 1901 | Physical activity predicts gray matter volume in late adulthood. Neurology, 2010, 75, 1415-1422. | 1.5 | 414 |
| 1902 | A mouse model for eukaryotic translation initiation factor 2B-leucodystrophy reveals abnormal development of brain white matter. Brain, 2010, 133, 2448-2461. | 3.7 | 66 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1903 | ICA-based feature extraction and automatic classification of AD-related MRI data. , 2010, , . | | 9 |
| 1904 | The Impact of Subcortical White Matter Disease on Mood in Euthymic Older Adults: A Diffusion Tensor Imaging Study. American Journal of Geriatric Psychiatry, 2010, 18, 634-642. | 0.6 | 36 |
| 1905 | MRI in Dementia. Magnetic Resonance Imaging Clinics of North America, 2010, 18, 121-132. | 0.6 | 2 |
| 1906 | Grey matter volume changes over the whole brain in amyotrophic lateral sclerosis: A voxel-wise meta-analysis of voxel based morphometry studies. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 549-554. | 2.3 | 70 |
| 1907 | Brain Magnetic Resonance Imaging Techniques in the Diagnosis of Parkinsonian Syndromes. Neuroimaging Clinics of North America, 2010, 20, 29-55. | 0.5 | 91 |
| 1908 | Development of Parkinson's disease biomarkers. Expert Review of Neurotherapeutics, 2010, 10, 1811-1825. | 1.4 | 9 |
| 1909 | Reduced Orbitofrontal and Parietal Gray Matter in Chronic Insomnia: A Voxel-Based Morphometric Study. Biological Psychiatry, 2010, 67, 182-185. | 0.7 | 286 |
| 1910 | Regional Gray Matter Volume in Monozygotic Twins Concordant and Discordant for Schizophrenia. Biological Psychiatry, 2010, 67, 956-964. | 0.7 | 78 |
| 1911 | Voxelwise Meta-Analysis of Gray Matter Abnormalities in Bipolar Disorder. Biological Psychiatry, 2010, 67, 1097-1105. | 0.7 | 348 |
| 1912 | No Effect of a Common Allelic Variant in the Reelin Gene on Intermediate Phenotype Measures of Brain Structure, Brain Function, and Gene Expression. Biological Psychiatry, 2010, 68, 105-107. | 0.7 | 20 |
| 1913 | Brain Connectivity Is Not Only Lower but Different in Schizophrenia: A Combined Anatomical and Functional Approach. Biological Psychiatry, 2010, 68, 61-69. | 0.7 | 424 |
| 1914 | The SNAP25 Gene Is Linked to Working Memory Capacity and Maturation of the Posterior Cingulate Cortex During Childhood. Biological Psychiatry, 2010, 68, 1120-1125. | 0.7 | 56 |
| 1915 | Gray and white matter volumetric and diffusion tensor imaging (DTI) analyses in the early stage of first-episode schizophrenia. Schizophrenia Research, 2010, 116, 196-203. | 1.1 | 62 |
| 1916 | Anatomy of bipolar disorder and schizophrenia: A meta-analysis. Schizophrenia Research, 2010, 117, 1-12. | 1.1 | 503 |
| 1917 | Neuroanatomic and cognitive abnormalities related to herpes simplex virus type 1 in schizophrenia. Schizophrenia Research, 2010, 118, 224-231. | 1.1 | 68 |
| 1918 | Gray-matter abnormalities in deficit schizophrenia. Schizophrenia Research, 2010, 120, 63-70. | 1.1 | 84 |
| 1919 | Neuroanatomical correlates of executive dysfunction in the at-risk mental state for psychosis. Schizophrenia Research, 2010, 123, 160-174. | 1.1 | 46 |
| 1920 | Neuroimaging study on brain asymmetries in situs inversus totalis. Journal of the Neurological Sciences, 2010, 288, 72-78. | 0.3 | 33 |

ARTICLE IF CITATIONS # Global and local morphometric differences in recently abstinent methamphetamine-dependent 1921 2.1 150 individuals. NeuroImage, 2010, 50, 1392-1401. COMT Val108/158Met polymorphism effects on emotional brain function and negativity bias. 2.1 98 Neurolmage, 2010, 53, 918-925. Smaller insula and inferior frontal volumes in young adults with pervasive developmental disorders. 1923 2.1 92 NeuroImage, 2010, 50, 1357-1363. Mapping Alzheimer's disease progression in 1309 MRI scans: Power estimates for different inter-scan 1924 79 intervals. NeuroImage, 2010, 51, 63-75. The effects of age and sex on cortical sulci in the elderly. NeuroImage, 2010, 51, 19-27. 1925 2.1 73 Normal variation in fronto-occipital circuitry and cerebellar structure with an autism-associated polymorphism of CNTNAP2. NeuroImage, 2010, 53, 1030-1042. 2.1 The dopamine system in idiopathic generalized epilepsies: Identification of syndrome-related changes. 1927 2.1 45 Neurolmage, 2010, 51, 606-615. Pathway-based approaches to imaging genetics association studies: Wnt signaling, GSK3beta substrates and major depression. NeuroImage, 2010, 53, 908-917. 1928 2.1 86 Regional gray matter volume of dopaminergic system associate with creativity: Evidence from 1929 2.1 219 voxel-based morphometry. NeuroImage, 2010, 51, 578-585. Accuracy and reproducibility study of automatic MRI brain tissue segmentation methods. NeuroImage, 2.1 2010, 51, 1047-1056. Age-related changes in neural volume and microstructure associated with interleukin-6 are 1931 2.1 54 ameliorated by a calorie-restricted diet in old rhesus monkeys. NeuroImage, 2010, 51, 987-994. Distinct patterns of functional and structural neuroplasticity associated with learning Morse code. 2.1 Neurolmage, 2010, 51, 1234-1241. Predicting clinical scores from magnetic resonance scans in Alzheimer's disease. NeuroImage, 2010, 51, 1933 2.1 235 1405-1413. Genetic influences on brain asymmetry: A DTI study of 374 twins and siblings. NeuroImage, 2010, 52, 1934 2.1 455-469. Automated brain tissue segmentation based on fractional signal mapping from inversion recovery 1935 2.1 17 Look–Locker acquisition. NeuroImage, 2010, 52, 1347-1354. Creating a population-averaged standard brain template for Japanese macaques (M. fuscata). 36 Neurolmage, 2010, 52, 1328-1333. Phospholipase A2 activity is associated with structural brain changes in schizophrenia. NeuroImage, 1937 2.1 39 2010, 52, 1314-1327. Gender consistency and difference in healthy adults revealed by cortical thickness. NeuroImage, 2010, 2.1 53, 373-382.

| # | Article | IF | CITATIONS |
|------|--|--------------|-----------|
| 1939 | Evaluation of automated techniques for the quantification of grey matter atrophy in patients with multiple sclerosis. NeuroImage, 2010, 52, 1261-1267. | 2.1 | 82 |
| 1940 | Atlas-guided tract reconstruction for automated and comprehensive examination of the white matter anatomy. NeuroImage, 2010, 52, 1289-1301. | 2.1 | 277 |
| 1941 | Multinomial inference on distributed responses in SPM. NeuroImage, 2010, 53, 161-170. | 2.1 | 4 |
| 1942 | Cortical structure predicts success in performing musical transformation judgments. Neurolmage, 2010, 53, 26-36. | 2.1 | 136 |
| 1943 | Cerebral cortical folding analysis with multivariate modeling and testing: Studies on gender differences and neonatal development. NeuroImage, 2010, 53, 450-459. | 2.1 | 62 |
| 1944 | Track-density imaging (TDI): Super-resolution white matter imaging using whole-brain track-density mapping. Neurolmage, 2010, 53, 1233-1243. | 2.1 | 361 |
| 1945 | Thalamic metabolism and neurological outcome after traumatic brain injury. A voxel-based morphometric FDG-PET study. NeurologÃa (English Edition), 2010, 25, 174-180. | 0.2 | 5 |
| 1946 | Brain MR image segmentation and bias field correction using adaptive fuzzy C means model. , 2010, , . | | 1 |
| 1947 | Voxel-based assessment of gray and white matter volumes in Alzheimer's disease. Neuroscience Letters, 2010, 468, 146-150. | 1.0 | 128 |
| 1948 | Gray matter deficits and resting-state abnormalities in abstinent heroin-dependent individuals. Neuroscience Letters, 2010, 482, 101-105. | 1.0 | 93 |
| 1949 | The neural correlates of endowment effect without economic transaction. Neuroscience Research, 2010, 68, 59-65. | 1.0 | 19 |
| 1950 | The influence of age of lead exposure on adult gray matter volume. NeuroToxicology, 2010, 31, 259-266. | 1.4 | 72 |
| 1951 | Effects of low-level exposure to sarin and cyclosarin during the 1991 Gulf War on brain function and brain structure in US veterans. NeuroToxicology, 2010, 31, 493-501. | 1.4 | 112 |
| 1952 | Developmental changes in cerebral grey and white matter volume from infancy to adulthood. International Journal of Developmental Neuroscience, 2010, 28, 481-489. | 0.7 | 113 |
| 1953 | On the relationship between fluid intelligence, gesture production, and brain structure. Intelligence, 2010, 38, 193-201. | 1.6 | 24 |
| 1954 | Fusion d'images en médecine nucléaireÂ: des concepts à l'application clinique. Medecine Nucleaire, 2 34, 431-438. | 2010, 0.2 | 0 |
| 1955 | Amygdalar enlargement associated with unique perception. Cortex, 2010, 46, 94-99. | 1.1 | 35 |
| 1956 | No direction home: Extinction is affected by implicit motion. Cortex, 2010, 46, 678-684. | 1.1 | 13 |

| | | CITATION REPORT | | |
|------|---|--------------------------------|-----|-----------|
| # | Article | | IF | CITATIONS |
| 1957 | White matter pathways associated with working memory in normal aging. Cortex, 201 | .0, 46, 474-489. | 1.1 | 142 |
| 1958 | Effect of cocaine on structural changes in brain: MRI volumetry using tensor-based mo Drug and Alcohol Dependence, 2010, 111, 191-199. | rphometry. | 1.6 | 40 |
| 1959 | Current themes in neuroimaging of epilepsy: Brain networks, dynamic phenomena, and relevance. Clinical Neurophysiology, 2010, 121, 1153-1175. | d clinical | 0.7 | 57 |
| 1960 | Total and regional brain volume reductions due to the Syndrome of Irreversible Lithium Neurotoxicity (SILENT): A voxel-based morphometric study. Progress in Neuro-Psychop and Biological Psychiatry, 2010, 34, 244-246. | | 2.5 | 12 |
| 1961 | Relationship of parental bonding styles with gray matter volume of dorsolateral prefro young adults. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, | ntal cortex in 34, 624-631. | 2.5 | 18 |
| 1962 | Delusional infestation: Neural correlates and antipsychotic therapy investigated by mu neuroimaging. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010 | ltimodal), 34, 1215-1222. | 2.5 | 47 |
| 1963 | A pilot study of brain activation in children with trichotillomania during a visual-tactile provocation task: A functional magnetic resonance imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 1250-1258. | symptom | 2.5 | 23 |
| 1964 | The val158met COMT polymorphism's effect on atrophy in healthy aging and Parkinso Neurobiology of Aging, 2010, 31, 1064-1068. | n's disease. | 1.5 | 37 |
| 1965 | The effect of midlife physical activity on structural brain changes in the elderly. Neurob Aging, 2010, 31, 1927-1936. | iology of | 1.5 | 178 |
| 1966 | Cerebral blood volume in Alzheimer's disease and correlation with tissue structural into Neurobiology of Aging, 2010, 31, 2038-2046. | egrity. | 1.5 | 19 |
| 1967 | Obesity is linked with lower brain volume in 700 AD and MCI patients. Neurobiology of 1326-1339. | f Aging, 2010, 31, | 1.5 | 170 |
| 1968 | Longitudinal MRI atrophy biomarkers: Relationship to conversion in the ADNI cohort. N Aging, 2010, 31, 1401-1418. | leurobiology of | 1.5 | 230 |
| 1969 | Medial temporal lobe dysfunction during encoding and retrieval of episodic memory in APOE ε4 carriers. Neuroscience, 2010, 168, 487-497. | non-demented | 1.1 | 36 |
| 1970 | Rhesus macaque brain morphometry: A methodological comparison of voxel-wise appr Methods, 2010, 50, 157-165. | oaches. | 1.9 | 68 |
| 1971 | Individual Prediction of Cognitive Decline in Mild Cognitive Impairment Using Support Machine-Based Analysis of Diffusion Tensor Imaging Data. Journal of Alzheimer's Disea 315-327. | Vector se, 2010, 22, | 1.2 | 111 |
| 1972 | A common allele in the oxytocin receptor gene (<i>OXTR</i>) impacts prosocial temp human hypothalamic-limbic structure and function. Proceedings of the National Acade of the United States of America, 2010, 107, 13936-13941. | berament and my of Sciences | 3.3 | 504 |
| 1973 | Characterization of brain lesions in a mouse model of progressive multiple sclerosis. Ex Neurology, 2010, 226, 148-158. | cperimental | 2.0 | 42 |
| 1974 | Temporal lobe functional activity and connectivity in young adult <i>APOE</i> ɛ4 card and Dementia, 2010, 6, 303-311. | 'iers. Alzheimer's | 0.4 | 177 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 1975 | Update on the Magnetic Resonance Imaging core of the Alzheimer's Disease Neuroimaging Initiative. Alzheimer's and Dementia, 2010, 6, 212-220. | 0.4 | 311 |
| 1976 | Callosal atrophy in mild cognitive impairment and Alzheimer's disease: Different effects in different stages. NeuroImage, 2010, 49, 141-149. | 2.1 | 100 |
| 1977 | Development of a new tool to correlate stroke outcome with infarct topography: A proof-of-concept study. NeuroImage, 2010, 49, 127-133. | 2.1 | 48 |
| 1978 | Reduced prefrontal and orbitofrontal gray matter in female adolescents with borderline personality disorder: Is it disorder specific?. NeuroImage, 2010, 49, 114-120. | 2.1 | 134 |
| 1979 | Dynamic changes in white and gray matter volume are associated with outcome of surgical treatment in temporal lobe epilepsy. NeuroImage, 2010, 49, 71-79. | 2.1 | 59 |
| 1980 | Abdominal visceral fat accumulation is associated with hippocampus volume in non-dementia patients with type 2 diabetes mellitus. NeuroImage, 2010, 49, 57-62. | 2.1 | 31 |
| 1981 | Investigating the predictive value of whole-brain structural MR scans in autism: A pattern classification approach. NeuroImage, 2010, 49, 44-56. | 2.1 | 361 |
| 1982 | Microstructural white matter changes in normal aging: A diffusion tensor imaging study with higher-order polynomial regression models. NeuroImage, 2010, 49, 32-43. | 2.1 | 93 |
| 1983 | Skull stripping using graph cuts. NeuroImage, 2010, 49, 225-239. | 2.1 | 149 |
| 1984 | Does function follow form?: Methods to fuse structural and functional brain images show decreased linkage in schizophrenia. NeuroImage, 2010, 49, 2626-2637. | 2.1 | 44 |
| 1985 | Reduced variance in monozygous twins for multiple MR parameters: Implications for disease studies and the genetic basis of brain structure. NeuroImage, 2010, 49, 1536-1544. | 2.1 | 7 |
| 1986 | Regional sex differences in grey matter volume are associated with sex hormones in the young adult human brain. NeuroImage, 2010, 49, 1205-1212. | 2.1 | 139 |
| 1987 | Age-related networks of regional covariance in MRI gray matter: Reproducible multivariate patterns in healthy aging. NeuroImage, 2010, 49, 1750-1759. | 2.1 | 113 |
| 1988 | MP2RAGE, a self bias-field corrected sequence for improved segmentation and T1-mapping at high field. NeuroImage, 2010, 49, 1271-1281. | 2.1 | 1,075 |
| 1989 | Distinct pattern of brain structural deficits in subsyndromes of schizophrenia delineated by psychopathology. NeuroImage, 2010, 49, 1153-1160. | 2.1 | 83 |
| 1990 | Longitudinal characterization of brain atrophy of a Huntington's disease mouse model by automated morphological analyses of magnetic resonance images. NeuroImage, 2010, 49, 2340-2351. | 2.1 | 84 |
| 1991 | Feature-based morphometry: Discovering group-related anatomical patterns. NeuroImage, 2010, 49, 2318-2327. | 2.1 | 88 |
| 1992 | Registration accuracy for VBM studies varies according to region and degenerative disease grouping. NeuroImage, 2010, 49, 2205-2215. | 2.1 | 66 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 1993 | Impact of scanner hardware and imaging protocol on image quality and compartment volume precision in the ADNI cohort. NeuroImage, 2010, 49, 2123-2133. | 2.1 | 137 |
| 1994 | A multiple-plane approach to measure the structural properties of functionally active regions in the human cortex. NeuroImage, 2010, 49, 3075-3085. | 2.1 | 8 |
| 1995 | Structural and cognitive deficits in remitting and non-remitting recurrent depression: A voxel-based morphometric study. NeuroImage, 2010, 50, 347-356. | 2.1 | 200 |
| 1996 | Automated detection of brain atrophy patterns based on MRI for the prediction of Alzheimer's disease. NeuroImage, 2010, 50, 162-174. | 2.1 | 287 |
| 1997 | Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. Neurolmage, 2010, 53, 1135-1146. | 2.1 | 993 |
| 1998 | Structural correlates of memory performance with diffusion tensor imaging. Neurolmage, 2010, 50, 1231-1242. | 2.1 | 45 |
| 1999 | High-dimensional pattern regression using machine learning: From medical images to continuous clinical variables. NeuroImage, 2010, 50, 1519-1535. | 2.1 | 154 |
| 2000 | Confirming white matter fMRI activation in the corpus callosum: Co-localization with DTI tractography. NeuroImage, 2010, 50, 616-621. | 2.1 | 81 |
| 2001 | Effects of ApoE-É>4 allele load and age on the rates of grey matter and hippocampal volumes loss in a longitudinal cohort of 1186 healthy elderly persons. NeuroImage, 2010, 53, 1064-1069. | 2.1 | 75 |
| 2002 | Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. NeuroImage, 2010, 50, 1690-1701. | 2.1 | 331 |
| 2003 | Whole genome association study of brain-wide imaging phenotypes for identifying quantitative trait loci in MCI and AD: A study of the ADNI cohort. NeuroImage, 2010, 53, 1051-1063. | 2.1 | 340 |
| 2004 | Surface Area Accounts for the Relation of Gray Matter Volume to Reading-Related Skills and History of Dyslexia. Cerebral Cortex, 2010, 20, 2625-2635. | 1.6 | 78 |
| 2005 | Imaging correlates of pathology in corticobasal syndrome. Neurology, 2010, 75, 1879-1887. | 1.5 | 203 |
| 2006 | White matter microstructure underlying default mode network connectivity in the human brain. NeuroImage, 2010, 49, 2021-2032. | 2.1 | 185 |
| 2007 | Whole Brain Imaging. , 2010, , 1-37. | | 1 |
| 2008 | Medical Image Registration. Biological and Medical Physics Series, 2010, , 131-154. | 0.3 | 22 |
| 2009 | Hybrid Artificial Intelligence Systems. Lecture Notes in Computer Science, 2010, , . | 1.0 | 2 |
| 2010 | Role of structural MRI in Alzheimer's disease. Alzheimer's Research and Therapy, 2010, 2, 23. | 3.0 | 122 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 2011 | The Brain MR Image Segmentation Techniques and use of Diagnostic Packages. Academic Radiology, 2010, 17, 658-671. | 1.3 | 22 |
| 2014 | Progressive structural brain changes in schizophrenia. Expert Review of Neurotherapeutics, 2010, 10, 33-42. | 1.4 | 37 |
| 2015 | VBM-fuzzy computing of MR brain volume for proper intensity diagnosis of Alzheimer's. , 2010, , . | | 2 |
| 2016 | Differential progression of brain atrophy in Parkinson's disease with and without visual hallucinations. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 650-657. | 0.9 | 126 |
| 2017 | Distinguishing schizophrenic patients from healthy controls based on MRI data: A tensor linear discriminant approach. , 2010, , . | | 1 |
| 2018 | Atlas Generation for Subcortical and Ventricular Structures With Its Applications in Shape Analysis. IEEE Transactions on Image Processing, 2010, 19, 1539-1547. | 6.0 | 43 |
| 2019 | Voxel-based statistical analysis of thalamic glucose metabolism in traumatic brain injury: Relationship with consciousness and cognition. Brain Injury, 2010, 24, 1098-1107. | 0.6 | 44 |
| 2020 | Compact review of structural and microstructural brain image analysis methods. , 2010, , . | | 0 |
| 2021 | Brain extraction method for T1-weighted magnetic resonance scans. , 2010, , . | | 6 |
| 2022 | An EM algorithm for brain tumor image registration: A tumor growth modeling based approach. , 2010, , . | | 4 |
| 2023 | Clues to the Foundations of Numerical Cognitive Impairments: Evidence From Genetic Disorders. Developmental Neuropsychology, 2011, 36, 788-805. | 1.0 | 15 |
| 2024 | Denoise MRI images using sparse 3D transformation domain collaborative filtering. , 2011, , . | | 6 |
| 2025 | Review for Intensity Inhomogeneity Estimate Method. , 2011, , . | | 1 |
| 2026 | Structured Multivariate Pattern Classification to Detect MRI Markers for an Early Diagnosis of Alzheimer's Disease. , 2011, , . | | 0 |
| 2027 | The brain in myotonic dystrophy 1 and 2: evidence for a predominant white matter disease. Brain, 2011, 134, 3530-3546. | 3.7 | 199 |
| 2028 | Functional Reorganization of the Brain in Humans Following Spinal Cord Injury: Evidence for Underlying Changes in Cortical Anatomy. Journal of Neuroscience, 2011, 31, 2630-2637. | 1.7 | 165 |
| 2029 | Evaluation of a 3D local multiresolution algorithm for the correction of partial volume effects in positron emission tomography. Medical Physics, 2011, 38, 4920-4933. | 1.6 | 39 |
| 2030 | Multivariate pattern analysis of brain structure: A diagnostic tool for Neurofibromatosis type 1. , 2011, , . | | 0 |

| C | | I | 2 | ~ ~ ~ |
|-----|-----|------|-----|-------|
| CH. | AHC | JN I | КЕР | ORT |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2032 | Olfactory Deficits and Amyloid-Î ² Burden in Alzheimer's Disease, Mild Cognitive Impairment, and Healthy Aging: A PiB PET Study. Journal of Alzheimer's Disease, 2011, 22, 1081-1087. | 1.2 | 70 |
| 2033 | Neuroanatomical Correlates of Cognitive Reserve in Alzheimer Disease. Rejuvenation Research, 2011, 14, 143-151. | 0.9 | 62 |
| 2034 | AnatomÃa del trastorno bipolar y la esquizofrenia: metaanálisis. Psiquiatria Biologica, 2011, 18, 6-17. | 0.0 | 0 |
| 2035 | Simultaneous Arterial Spin Labeling Cerebral Blood Flow and Morphological Assessments for Detection of Alzheimer's Disease. Academic Radiology, 2011, 18, 1492-1499. | 1.3 | 21 |
| 2036 | The potential use of brain imaging as a tool to predict chronic pain after surgery. Techniques in Regional Anesthesia and Pain Management, 2011, 15, 100-103. | 0.2 | 0 |
| 2037 | Gray Matter Alterations in Adults with Attention-Deficit/Hyperactivity Disorder Identified by Voxel Based Morphometry. Biological Psychiatry, 2011, 69, 857-866. | 0.7 | 137 |
| 2038 | White Matter Differences in Monozygotic Twins Discordant or Concordant for Obsessive-Compulsive Symptoms: A Combined Diffusion Tensor Imaging/Voxel-Based Morphometry Study. Biological Psychiatry, 2011, 70, 969-977. | 0.7 | 26 |
| 2039 | Changes in Gray Matter Volume with Rapid Body Weight Changes in Anorexia Nervosa: A Voxel-Based Morphometric Study. Biological Psychiatry, 2011, 70, e35-e36. | 0.7 | 7 |
| 2040 | Mapping Corticocortical Structural Integrity in Schizophrenia and Effects of Genetic Liability. Biological Psychiatry, 2011, 70, 680-689. | 0.7 | 50 |
| 2041 | Brain Type 1 Cannabinoid Receptor Availability in Patients with Anorexia and Bulimia Nervosa. Biological Psychiatry, 2011, 70, 777-784. | 0.7 | 78 |
| 2042 | Changes in Gray Matter Volume and White Matter Microstructure in Adolescents with Obsessive-Compulsive Disorder. Biological Psychiatry, 2011, 70, 1083-1090. | 0.7 | 146 |
| 2043 | Theory of Mind Skills Are Related to Gray Matter Volume in the Ventromedial Prefrontal Cortex in Schizophrenia. Biological Psychiatry, 2011, 70, 1169-1178. | 0.7 | 91 |
| 2044 | Putative structural neuroimaging endophenotypes in schizophrenia: a comprehensive review of the current evidence. Future Neurology, 2011, 6, 679-715. | 0.9 | 4 |
| 2045 | Diffusion MR Imaging: Basic Principles. Neuroimaging Clinics of North America, 2011, 21, 1-25. | 0.5 | 30 |
| 2046 | Morphological Classification: Application to Cardiac MRI of Tetralogy of Fallot. Lecture Notes in Computer Science, 2011, 6666, 180-187. | 1.0 | 6 |
| 2047 | Regional Volume Analysis of the Parkinson Disease Brain in Early Disease Stage: Gray Matter, White Matter, Striatum, and Thalamus. American Journal of Neuroradiology, 2011, 32, 682-687. | 1.2 | 67 |
| 2048 | BDNF gene effects on brain circuitry replicated in 455 twins. NeuroImage, 2011, 55, 448-454. | 2.1 | 110 |
| 2049 | Neuroanatomical spatial patterns in Turner syndrome. NeuroImage, 2011, 55, 439-447. | 2.1 | 60 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2050 | Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. NeuroImage, 2011, 55, 868-879. | 2.1 | 55 |
| 2051 | Detection of amyloid plaques targeted by USPIO-Aβ1–42 in Alzheimer's disease transgenic mice using magnetic resonance microimaging. NeuroImage, 2011, 55, 1600-1609. | 2.1 | 126 |
| 2052 | A nonparametric Riemannian framework for processing high angular resolution diffusion images and its applications to ODF-based morphometry. NeuroImage, 2011, 56, 1181-1201. | 2.1 | 44 |
| 2053 | Extracting information from functional connectivity maps via function-on-scalar regression. Neurolmage, 2011, 56, 140-148. | 2.1 | 5 |
| 2054 | FADTTS: Functional analysis of diffusion tensor tract statistics. Neurolmage, 2011, 56, 1412-1425. | 2.1 | 66 |
| 2055 | Convergent evidence of the contribution of TP53 genetic variation (Pro72Arg) to metabolic activity and white matter volume in the frontal lobe in schizophrenia patients. NeuroImage, 2011, 56, 45-51. | 2.1 | 19 |
| 2056 | Structural MRI detects progressive regional brain atrophy and neuroprotective effects in N171-82Q Huntington's disease mouse model. NeuroImage, 2011, 56, 1027-1034. | 2.1 | 48 |
| 2057 | Multi-site voxel-based morphometry — Not quite there yet. NeuroImage, 2011, 56, 1164-1170. | 2.1 | 94 |
| 2058 | Reduced striatal volume in cocaine-dependent patients. NeuroImage, 2011, 56, 1021-1026. | 2.1 | 128 |
| 2059 | Gray matter alterations in visual cortex of patients with loss of central vision due to hereditary retinal dystrophies. Neurolmage, 2011, 56, 1556-1565. | 2.1 | 50 |
| 2060 | Contrast-to-noise ratios for indices of anisotropy obtained from diffusion MRI: A study with standard clinical b-values at 3T. NeuroImage, 2011, 57, 1103-1115. | 2.1 | 7 |
| 2061 | The relationship between cortical sulcal variability and cognitive performance in the elderly. NeuroImage, 2011, 56, 865-873. | 2.1 | 45 |
| 2062 | Unsupervised multiparametric classification of dynamic susceptibility contrast imaging: Study of the healthy brain. NeuroImage, 2011, 56, 858-864. | 2.1 | 8 |
| 2063 | Multi-template tensor-based morphometry: Application to analysis of Alzheimer's disease. NeuroImage, 2011, 56, 1134-1144. | 2.1 | 88 |
| 2064 | Simple paradigm for extra-cerebral tissue removal: Algorithm and analysis. NeuroImage, 2011, 56, 1982-1992. | 2.1 | 108 |
| 2065 | MRI detection of tissue pathology beyond atrophy in Alzheimer's disease: Introducing T2-VBM. NeuroImage, 2011, 56, 1946-1953. | 2.1 | 28 |
| 2066 | Manual, semi-automated, and automated delineation of chronic brain lesions: A comparison of methods. NeuroImage, 2011, 56, 2038-2046. | 2.1 | 98 |
| 2067 | Penalized functional regression analysis of white-matter tract profiles in multiple sclerosis. NeuroImage, 2011, 57, 431-439. | 2.1 | 47 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2068 | Diffusion based abnormality markers of pathology: Toward learned diagnostic prediction of ASD. Neurolmage, 2011, 57, 918-927. | 2.1 | 116 |
| 2069 | The correlation between white-matter microstructure and the complexity of spontaneous brain activity: A difussion tensor imaging-MEG study. NeuroImage, 2011, 57, 1300-1307. | 2.1 | 26 |
| 2070 | Functional principal component model for high-dimensional brain imaging. NeuroImage, 2011, 58, 772-784. | 2.1 | 66 |
| 2071 | Effects of hardware heterogeneity on the performance of SVM Alzheimer's disease classifier. NeuroImage, 2011, 58, 785-792. | 2.1 | 84 |
| 2072 | Effect of Met66 allele of the BDNF rs6265 SNP on regional gray matter volumes in patients with multiple sclerosis: A voxel-based morphometry study. Pathophysiology, 2011, 18, 53-60. | 1.0 | 24 |
| 2073 | Duration of untreated psychosis is associated with orbital–frontal grey matter volume reductions in first episode psychosis. Schizophrenia Research, 2011, 125, 13-20. | 1.1 | 84 |
| 2074 | Age-related cortical thinning in schizophrenia. Schizophrenia Research, 2011, 125, 21-29. | 1.1 | 53 |
| 2075 | Neuroanatomical abnormalities in schizophrenia: A multimodal voxelwise meta-analysis and meta-regression analysis. Schizophrenia Research, 2011, 127, 46-57. | 1.1 | 394 |
| 2076 | Regional contraction of brain surface area involves three large-scale networks in schizophrenia. Schizophrenia Research, 2011, 129, 163-168. | 1.1 | 73 |
| 2077 | Imputation techniques for the detection of microstructural changes in schizophrenia, with an application to magnetization transfer imaging. Schizophrenia Research, 2011, 132, 91-96. | 1.1 | 5 |
| 2078 | The insula–claustrum region and delusions in schizophrenia. Schizophrenia Research, 2011, 133, 77-81. | 1.1 | 65 |
| 2079 | Gray matters! — Mapping the transition to psychosis. Schizophrenia Research, 2011, 133, 63-67. | 1.1 | 43 |
| 2080 | Comparison of diffusion tensor imaging and voxel-based morphometry to detect white matter damage in Alzheimer's disease. Journal of the Neurological Sciences, 2011, 302, 89-95. | 0.3 | 24 |
| 2081 | Behavioral changes in early ALS correlate with voxel-based morphometry and diffusion tensor imaging. Journal of the Neurological Sciences, 2011, 307, 34-40. | 0.3 | 82 |
| 2082 | Evaluating imaging biomarkers for neurodegeneration in pre-symptomatic Huntington's disease using machine learning techniques. NeuroImage, 2011, 56, 788-796. | 2.1 | 83 |
| 2083 | Exposure to parental verbal abuse is associated with increased gray matter volume in superior temporal gyrus. NeuroImage, 2011, 54, S280-S286. | 2.1 | 157 |
| 2084 | Magnetic resonance virtual histology for embryos: 3D atlases for automated high-throughput phenotyping. Neurolmage, 2011, 54, 769-778. | 2.1 | 57 |
| 2085 | Atlasing location, asymmetry and inter-subject variability of white matter tracts in the human brain with MR diffusion tractography. NeuroImage, 2011, 54, 49-59. | 2.1 | 576 |

| | | | 0 |
|------|---|-----|-----------|
| # | ARTICLE | IF | CITATIONS |
| 2086 | Anatomical differences and network characteristics underlying smoking cue reactivity. NeuroImage, 2011, 54, 131-141. | 2.1 | 84 |
| 2087 | Factors underlying prefrontal and insula structural alterations in smokers. NeuroImage, 2011, 54, 42-48. | 2.1 | 168 |
| 2088 | Manual activity shapes structure and function in contralateral human motor hand area. NeuroImage, 2011, 54, 32-41. | 2.1 | 95 |
| 2089 | In vivo brain anatomy of adult males with Fragile X syndrome: An MRI study. NeuroImage, 2011, 54, 16-24. | 2.1 | 63 |
| 2090 | False positives in neuroimaging genetics using voxel-based morphometry data. NeuroImage, 2011, 54, 992-1000. | 2.1 | 135 |
| 2091 | Medial prefrontal gray matter volume reductions in users of amphetamine-type stimulants revealed by combined tract-based spatial statistics and voxel-based morphometry. NeuroImage, 2011, 54, 794-801. | 2.1 | 64 |
| 2092 | Time-to-event voxel-based techniques to assess regional atrophy associated with MCI risk of progression to AD. NeuroImage, 2011, 54, 985-991. | 2.1 | 25 |
| 2093 | A reproducible evaluation of ANTs similarity metric performance in brain image registration. NeuroImage, 2011, 54, 2033-2044. | 2.1 | 3,535 |
| 2094 | A comparison of MR based segmentation methods for measuring brain atrophy progression. NeuroImage, 2011, 54, 760-768. | 2.1 | 50 |
| 2095 | Cognitive profile and brain morphological changes in obstructive sleep apnea. NeuroImage, 2011, 54, 787-793. | 2.1 | 241 |
| 2096 | Correlation between baseline regional gray matter volume and global gray matter volume decline rate. Neurolmage, 2011, 54, 743-749. | 2.1 | 12 |
| 2097 | Linked independent component analysis for multimodal data fusion. NeuroImage, 2011, 54, 2198-2217. | 2.1 | 302 |
| 2098 | ZNF804A risk allele is associated with relatively intact gray matter volume in patients with schizophrenia. NeuroImage, 2011, 54, 2132-2137. | 2.1 | 78 |
| 2099 | Voxel-based morphometry studies of personality: Issue of statistical model specification—effect of nuisance covariates. NeuroImage, 2011, 54, 1994-2005. | 2.1 | 122 |
| 2100 | β-Amyloid affects frontal and posterior brain networks in normal aging. NeuroImage, 2011, 54, 1887-1895. | 2.1 | 98 |
| 2101 | Effects of large-scale nonstationarity on parametric maps. A study of rest perfusion CASL data. NeuroImage, 2011, 54, 2066-2078. | 2.1 | 2 |
| 2102 | Population-averaged standard template brain atlas for the common marmoset (Callithrix jacchus). Neurolmage, 2011, 54, 2741-2749. | 2.1 | 84 |
| 2103 | Gray matter volume changes following reading intervention in dyslexic children. NeuroImage, 2011, 57, 733-741. | 2.1 | 112 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2104 | Predictive markers for AD in a multi-modality framework: An analysis of MCI progression in the ADNI population. NeuroImage, 2011, 55, 574-589. | 2.1 | 367 |
| 2105 | Prefrontal cortical abnormalities in currently depressed versus currently remitted patients with major depressive disorder. NeuroImage, 2011, 54, 2643-2651. | 2.1 | 170 |
| 2106 | Gray matter alterations related to P300 abnormalities in subjects at high risk for psychosis: Longitudinal MRI-EEG study. NeuroImage, 2011, 55, 320-328. | 2.1 | 52 |
| 2107 | The effect of template selection on diffusion tensor voxel-based analysis results. NeuroImage, 2011, 55, 566-573. | 2.1 | 57 |
| 2108 | The average pathlength map: A diffusion MRI tractography-derived index for studying brain pathology. NeuroImage, 2011, 55, 133-141. | 2.1 | 59 |
| 2109 | Contribution of chronic pain and neuroticism to abnormal forebrain gray matter in patients with temporomandibular disorder. NeuroImage, 2011, 55, 277-286. | 2.1 | 150 |
| 2111 | Independent contribution of temporal β-amyloid deposition to memory decline in the pre-dementia phase of Alzheimer's disease. Brain, 2011, 134, 798-807. | 3.7 | 132 |
| 2112 | Gray and white matter alterations in spinocerebellar ataxia type 7: An in vivo DTI and VBM study. NeuroImage, 2011, 55, 1-7. | 2.1 | 73 |
| 2113 | Structural Neuroimaging of Geriatric Depression. Psychiatric Clinics of North America, 2011, 34, 423-435. | 0.7 | 29 |
| 2114 | Structural brain changes following peripheral vestibulo-cochlear lesion may indicate multisensory compensation. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 309-316. | 0.9 | 41 |
| 2115 | Advances in MRI for 'cryptogenic' epilepsies. Nature Reviews Neurology, 2011, 7, 99-108. | 4.9 | 197 |
| 2116 | Brain Imaging in Behavioral Medicine and Clinical Neuroscience. , 2011, , . | | 7 |
| 2119 | Mapping Fetal Brain Development In Utero Using Magnetic Resonance Imaging: The Big Bang of Brain Mapping. Annual Review of Biomedical Engineering, 2011, 13, 345-368. | 5.7 | 84 |
| 2120 | Effect of <i>APOE</i> ε4 Status on Intrinsic Network Connectivity in Cognitively Normal Elderly Subjects. Archives of Neurology, 2011, 68, 1131. | 4.9 | 197 |
| 2121 | White matter changes in patients with hypoxic amnesia. Neurocase, 2011, 17, 46-56. | 0.2 | 7 |
| 2122 | Reduced cortical gray matter volume in male adolescents with substance and conduct problems. Drug and Alcohol Dependence, 2011, 118, 295-305. | 1.6 | 60 |
| 2123 | Gray matter abnormalities in Internet addiction: A voxel-based morphometry study. European Journal of Radiology, 2011, 79, 92-95. | 1.2 | 240 |
| 2124 | Correlation between gray/white matter volume and cognition in healthy elderly people. Brain and Cognition, 2011, 75, 170-176. | 0.8 | 46 |

ARTICLE IF CITATIONS Regional differences in brain volume predict the acquisition of skill in a complex real-time strategy 2125 0.8 76 videogame. Brain and Cognition, 2011, 76, 407-414. Gait-related cerebral alterations in patients with Parkinson's disease with freezing of gait. Brain, 2011, 3.7 134, 59-72. The cognitive neuroscience toolkit for the neuroeconomist: A functional overview.. Journal of 2127 0.4 73 Neuroscience, Psychology, and Economics, 2011, 4, 63-84. Mind the Gap: A Psychometric Approach to the Reduction Problem. Psychological Inquiry, 2011, 22, 0.4 54 67-87. Neural synchrony and white matter variations in the human brain â€" Relation between evoked gamma frequency and corpus callosum morphology. International Journal of Psychophysiology, 2011, 79, 2129 0.5 22 49-54. An image fusion algorithm based on multi-resolution decomposition for functional magnetic 1.0 resonance images. Neuroscience Letters, 2011, 487, 73-77. Genetic and environmental influences on structural variability of the brain in pediatric twin: 2131 1.0 37 Deformation based morphometry. Neuroscience Letters, 2011, 493, 8-13. Neuroimaging biomarkers of epileptogenesis. Neuroscience Letters, 2011, 497, 194-204. 1.0 Alexithymia and regional gray matter alterations in schizophrenia. Neuroscience Research, 2011, 70, 2133 1.0 38 206-213. Evaluation of voxel-based group-level analysis of diffusion tensor images using simulated brain 2134 1.0 lesions. Neuroscience Research, 2011, 71, 377-386. Voxel-based morphometric study of brain volume changes in patients with Alzheimer's disease assessed according to the Clinical Dementia Rating score. Journal of Clinical Neuroscience, 2011, 18, 2135 0.8 22 916-921. Focal brain atrophy in gastric bypass patients with cognitive complaints. Journal of Clinical Neuroscience, 2011, 18, 1671-1676. 2136 0.8 Cerebral magnetic resonance imaging reveals marked abnormalities of brain tissue density in patients 2137 1.8 96 with cirrhosis without overt hepatic encephalopathy. Journal of Hepatology, 2011, 55, 564-573. New frontiers in neuroimaging applications to inborn errors of metabolism. Molecular Genetics and Metabolism, 2011, 104, 195-205 2139 Visualizing hormone actions in the brain. Trends in Endocrinology and Metabolism, 2011, 22, 153-163. 3.112 Gray matter volume deficits in spinocerebellar ataxia: An optimized voxel based morphometric study. 2140 1.1 Parkinsonism and Related Disorders, 2011, 17, 521-527. Disrupted thalamocortical connectivity in PSP: A resting-state fMRI, DTI, and VBM study. Parkinsonism 2141 1.1 146 and Related Disorders, 2011, 17, 599-605. Volume reduction of ventromedial prefrontal cortex in bipolar II patients with rapid cycling: A 2142 voxel-based morphometric study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 439-445.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2143 | Anti-inflammatory drugs reduce age-related decreases in brain volume in cognitively normal older adults. Neurobiology of Aging, 2011, 32, 497-505. | 1.5 | 21 |
| 2144 | Brain atrophy associated with baseline and longitudinal measures of cognition. Neurobiology of Aging, 2011, 32, 572-580. | 1.5 | 124 |
| 2145 | A CYP46 T/C SNP modulates parahippocampal and hippocampal morphology in young subjects. Neurobiology of Aging, 2011, 32, 1023-1032. | 1.5 | 6 |
| 2146 | Physical activity and memory functions: An interventional study. Neurobiology of Aging, 2011, 32, 1304-1319. | 1.5 | 387 |
| 2147 | Diffusion tensor imaging and Tract-Based Spatial Statistics in Alzheimer's disease and mild cognitive impairment. Neurobiology of Aging, 2011, 32, 1558-1571. | 1.5 | 207 |
| 2148 | Temporoparietal atrophy: A marker of AD pathology independent of clinical diagnosis. Neurobiology of Aging, 2011, 32, 1531-1541. | 1.5 | 105 |
| 2149 | Effect of temporal lobe structure volume on memory in elderly depressed patients. Neurobiology of Aging, 2011, 32, 1857-1867. | 1.5 | 21 |
| 2150 | Neurostructural predictors of Alzheimer's disease: A meta-analysis of VBM studies. Neurobiology of Aging, 2011, 32, 1733-1741. | 1.5 | 201 |
| 2151 | Age-related reorganization of functional networks for successful conflict resolution: A combined functional and structural MRI study. Neurobiology of Aging, 2011, 32, 2075-2090. | 1.5 | 31 |
| 2152 | Phosphorylated tau 231, memory decline and medial temporal atrophy in normal elders. Neurobiology of Aging, 2011, 32, 2131-2141. | 1.5 | 43 |
| 2153 | Structural brain changes in normal individuals with a maternal history of Alzheimer's. Neurobiology of Aging, 2011, 32, 2325.e17-2325.e26. | 1.5 | 47 |
| 2154 | Alliance for Aging Research AD Biomarkers Work Group: structural MRI. Neurobiology of Aging, 2011, 32, S48-S57. | 1.5 | 50 |
| 2155 | Dysregulation of Limbic and Auditory Networks in Tinnitus. Neuron, 2011, 69, 33-43. | 3.8 | 380 |
| 2156 | Neuroplasticity Subserving Motor Skill Learning. Neuron, 2011, 72, 443-454. | 3.8 | 1,024 |
| 2157 | Grey matter volume correlates with virtual water maze task performance in boys with androgen excess. Neuroscience, 2011, 197, 225-232. | 1.1 | 13 |
| 2158 | Postmortem and imaging based analyses reveal CNS decreased myelination in restless legs syndrome. Sleep Medicine, 2011, 12, 614-619. | 0.8 | 72 |
| 2159 | Neurogenetic Effects of OXTR rs2254298 in the Extended Limbic System of Healthy Caucasian Adults. Biological Psychiatry, 2011, 70, e37-e39. | 0.7 | 67 |
| 2160 | Nerve Injury Triggers Changes in the Brain. Neuroscientist, 2011, 17, 407-422. | 2.6 | 71 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2161 | SVM-based diagnosis of the Alzheimer's disease using 18F-FDG PET with Fisher discriminant rate. , 2011, , | | 1 |
| 2162 | A genome-wide survey of human short-term memory. Molecular Psychiatry, 2011, 16, 184-192. | 4.1 | 34 |
| 2163 | Spatial Nonparametric Mixed-Effects Model with Spatial-Varying Coefficients for Analysis of Populations. Lecture Notes in Computer Science, 2011, , 142-150. | 1.0 | 4 |
| 2164 | Mathematical Modelling and Feature Extraction for Probing Crucial Changes Associated with Alzheimers Disease. Current Medical Imaging, 2011, 7, 43-50. | 0.4 | 1 |
| 2165 | Maxillofacial Pathology Detection Using an Extended a Contrario Approach Combined with Fuzzy Logic. Signal and Image Processing: an International Journal, 2011, 2, 81-87. | 0.2 | 0 |
| 2166 | An Efficient Wavelet Based Feature Reduction and Classification Technique for the Diagnosis of Dementia. International Journal of Computer Science Engineering and Information Technology, 2011, 1, 63-76. | 0.3 | 2 |
| 2167 | Smaller Regional Gray Matter Volume in Homeless African American Cocaine-Dependent Men: A Preliminary Report. Open Neuroimaging Journal, 2011, 5, 57-64. | 0.2 | 15 |
| 2169 | Measurement of CNS atrophy. , 0, , 128-149. | | 2 |
| 2170 | Recent Advances in MRI Based Volumetry and Morphometry for AD Diagnosis in Human. Current Medical Imaging, 2011, 7, 34-42. | 0.4 | 1 |
| 2172 | Cerebrospinal Fluid Tau in Frontotemporal Lobar Degeneration: Clinical, Neuroimaging, and Prognostic Correlates. Journal of Alzheimer's Disease, 2011, 23, 505-512. | 1.2 | 9 |
| 2173 | Automated Morphometry of the Visual Pathway in Primary Open-Angle Glaucoma. , 2011, 52, 2758. | | 91 |
| 2174 | Joint Assessment of Structural, Perfusion, and Diffusion MRI in Alzheimer's Disease and Frontotemporal Dementia. International Journal of Alzheimer's Disease, 2011, 2011, 1-11. | 1.1 | 58 |
| 2175 | Memory development and learning. , 0, , 164-174. | | 2 |
| 2176 | Association between Income and the Hippocampus. PLoS ONE, 2011, 6, e18712. | 1.1 | 279 |
| 2177 | Cortical Changes in Incipient Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1339-1349. | 1.2 | 18 |
| 2178 | Brain Development during Childhood and Adolescence. , 2011, , . | | 8 |
| 2179 | Children's Brain Development Benefits from Longer Gestation. Frontiers in Psychology, 2011, 2, 1. | 1.1 | 937 |
| 2180 | Multilocus Genetic Analysis of Brain Images. Frontiers in Genetics, 2011, 2, 73. | 1.1 | 53 |

| | CITATION REF | PORT | |
|------|--|----------------|-----------|
| # | Article | IF | CITATIONS |
| 2181 | Biomarkers in Alzheimer's Disease. Frontiers in Neurology, 2011, 2, 46. | 1.1 | 19 |
| 2182 | Multi-Modal MRI Analysis with Disease-Specific Spatial Filtering: Initial Testing to Predict Mild Cognitive Impairment Patients Who Convert to Alzheimer?s Disease. Frontiers in Neurology, 2011, 2, 54. 001 058 002 059 003 060 004 061 005 062 006 063 007 064 008 065 009 066 010 067 011 068 012 069 013 | 1.1 070 | 40 |
| 2183 | 014 071 015 072 016 073 017 074 018 075 019 076 020 077 021 078 022 079 023 080 024 081 025 082 026 084 028 085 029 086 030 087 031 088 032 089 033 090 034 091 035 092 036 093 037 094 038 095 039 096 097 041 098 042 099 043 100 044 101 045 102 046 103 047 104 048 105 049 106 050 107 051 108 052 109 054 111 055 112 056 113 057 114 NEUROINFORMATICS METHODS ARTICLE published: xx November. Frontiers | 083 027 040 | 231 |
| 2184 | in Neuroinformatics, 2011, 5, 26. Anatomy of Human Sensory Cortices Reflects Inter-Individual Variability in Time Estimation. Frontiers in Integrative Neuroscience, 2011, 5, 76. | 1.0 | 25 |
| 2185 | Brain Morphological Signatures for Chronic Pain. PLoS ONE, 2011, 6, e26010. | 1.1 | 306 |
| 2186 | Detection of Epileptogenic Cortical Malformations with Surface-Based MRI Morphometry. PLoS ONE, 2011, 6, e16430. | 1.1 | 65 |
| 2187 | Automated Analysis of Craniofacial Morphology Using Magnetic Resonance Images. PLoS ONE, 2011, 6, e20241. | 1.1 | 24 |
| 2188 | The Shift from Local to Global Visual Processing in 6-Year-Old Children Is Associated with Grey Matter Loss. PLoS ONE, 2011, 6, e20879. | 1.1 | 54 |
| 2189 | Specifically Progressive Deficits of Brain Functional Marker in Amnestic Type Mild Cognitive Impairment. PLoS ONE, 2011, 6, e24271. | 1.1 | 76 |
| 2190 | White Matter and Cognition in Adults Who Were Born Preterm. PLoS ONE, 2011, 6, e24525. | 1.1 | 125 |
| 2191 | Aberrant Hippocampal Subregion Networks Associated with the Classifications of aMCI Subjects: A Longitudinal Resting-State Study. PLoS ONE, 2011, 6, e29288. | 1.1 | 53 |
| 2192 | Automated Detection of Amyloid-β-Related Cortical and Subcortical Signal Changes in a Transgenic Model of Alzheimer's Disease using High-Field MRI. Journal of Alzheimer's Disease, 2011, 23, 221-237. | 1.2 | 28 |
| 2193 | Principles of Classification Analyses in Mild Cognitive Impairment (MCI) and Alzheimer Disease. Journal of Alzheimer's Disease, 2011, 26, 389-394. | 1.2 | 33 |
| 2194 | GeneÂ×ÂDisease Interaction on Orbitofrontal Gray Matter in Cocaine Addiction. Archives of General Psychiatry, 2011, 68, 283. | 13.8 | 103 |
| 2195 | Longitudinal Whole-Brain <i>N</i> -Acetylaspartate Concentration in Healthy Adults. American Journal of Neuroradiology, 2011, 32, 1011-1015. | 1.2 | 19 |
| 2197 | Novel frontiers in ultra-structural and molecular MRI of the brain. Current Opinion in Neurology, 2011, 24, 386-393. | 1.8 | 15 |
| 2198 | Lessons About Neurodevelopment From Anatomical Magnetic Resonance Imaging. Journal of Developmental and Behavioral Pediatrics, 2011, 32, 158-168. | 0.6 | 56 |
| 2199 | Increased medial temporal lobe and striatal grey-matter volume in a rare disorder of androgen excess: a voxel-based morphometry (VBM) study. International Journal of Neuropsychopharmacology, 2011, 14, 445-457. | 1.0 | 25 |

| CITATI | Report |
|--------|---------|
| | KFF()KI |
| 011/11 | |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2200 | Association between executive dysfunction and hippocampal volume in Alzheimer's disease. International Psychogeriatrics, 2011, 23, 764-771. | 0.6 | 33 |
| 2201 | Effects of early low-level lead exposure on human brain structure, organization and functions. Journal of Developmental Origins of Health and Disease, 2011, 2, 17-24. | 0.7 | 11 |
| 2202 | ICA-based classification of MCI vs HC. , 2011, , . | | 4 |
| 2203 | Putative diffusion tensor neuroimaging endophenotypes in schizophrenia: a review of the early evidence. Future Neurology, 2011, 6, 415-433. | 0.9 | 3 |
| 2204 | Two-stage empirical likelihood for longitudinal neuroimaging data. Annals of Applied Statistics, 2011, 5, 1132-1158. | 0.5 | 7 |
| 2205 | A novel noise removal using homomorphic normalization for multi-echo knee MRI. IEICE Electronics Express, 2011, 8, 604-611. | 0.3 | 0 |
| 2206 | Neural correlates of cognitive impairment in schizophrenia. British Journal of Psychiatry, 2011, 199, 202-210. | 1.7 | 40 |
| 2207 | Morphological Cerebral Correlates of CERAD Test Performance in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 23, 411-420. | 1.2 | 63 |
| 2208 | Efficacy of Voxel-Based Morphometry with DARTEL and Standard Registration as Imaging Biomarkers in Alzheimer's Disease Patients and Cognitively Normal Older Adults at 3.0 Tesla MR Imaging. Journal of Alzheimer's Disease, 2011, 23, 655-664. | 1.2 | 42 |
| 2209 | Independent Component Analysis-Based Classification of Alzheimer's Disease MRI Data. Journal of Alzheimer's Disease, 2011, 24, 775-783. | 1.2 | 67 |
| 2211 | Analysis of Cortical Thickness in Narcolepsy Patients with Cataplexy. Sleep, 2011, 34, 1357-1364. | 0.6 | 45 |
| 2212 | Grey matter and social functioning correlates of glutamatergic metabolite loss in schizophrenia. British Journal of Psychiatry, 2011, 198, 448-456. | 1.7 | 103 |
| 2213 | Progressive neurostructural changes in adolescent and adult patients with bipolar disorder. Bipolar Disorders, 2011, 13, 396-405. | 1.1 | 88 |
| 2214 | Striatal dopamine transporter availability in unmedicated bipolar disorder. Bipolar Disorders, 2011, 13, 406-413. | 1.1 | 116 |
| 2215 | Structural brain abnormalities in firstâ€episode psychosis: differences between affective psychoses and schizophrenia and relationship to clinical outcome. Bipolar Disorders, 2011, 13, 545-555. | 1.1 | 36 |
| 2216 | <i>In vivo</i> imaging of adult neurogenesis. European Journal of Neuroscience, 2011, 33, 1037-1044. | 1.2 | 21 |
| 2217 | Multiscale Adaptive Regression Models for Neuroimaging Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2011, 73, 559-578. | 1.1 | 59 |
| 2218 | Homocysteine levels are associated with hippocampus volume in type 2 diabetic patients. European Journal of Clinical Investigation, 2011, 41, 751-758. | 1.7 | 16 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2219 | Anatomical markers of sleep slow wave activity derived from structural magnetic resonance images. Journal of Sleep Research, 2011, 20, 506-513. | 1.7 | 46 |
| 2220 | Severity of dystonia is correlated with putaminal gray matter changes in Myoclonus-Dystonia. European Journal of Neurology, 2011, 18, 906-912. | 1.7 | 15 |
| 2221 | Correlation between the flow pattern of the circle of Willis and segmental perfusion asymmetry after carotid artery revascularization. European Journal of Neurology, 2011, 18, 1132-1138. | 1.7 | 10 |
| 2222 | Neocortical thinning in "benign―mesial temporal lobe epilepsy. Epilepsia, 2011, 52, 712-717. | 2.6 | 51 |
| 2223 | Alcohol and the Human Brain: A Systematic Review of Different Neuroimaging Methods. Alcoholism: Clinical and Experimental Research, 2011, 35, 1771-1793. | 1.4 | 258 |
| 2224 | Value of Neuropsychological Tests, Neuroimaging, and Biomarkers for Diagnosing Alzheimer's Disease in Younger and Older Age Cohorts. Journal of the American Geriatrics Society, 2011, 59, 1705-1710. | 1.3 | 51 |
| 2225 | Increased putamen and callosal motor subregion in treatment-naÃ ⁻ ve boys with Tourette syndrome indicates changes in the bihemispheric motor network. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 306-314. | 3.1 | 59 |
| 2226 | Gray matter volume deficits and correlation with insight and negative symptoms in first-psychotic-episode subjects. Acta Psychiatrica Scandinavica, 2011, 123, 431-439. | 2.2 | 81 |
| 2227 | Longitudinal MRI study of cortical thickness, perfusion, and metabolite levels in major depressive disorder. Acta Psychiatrica Scandinavica, 2011, 124, 435-446. | 2.2 | 121 |
| 2228 | Regionally Distinct White Matter Lesions Do Not Contribute to Regional Gray Matter Atrophy in Patients with Multiple Sclerosis. , 2011, 21, 210-218. | | 11 |
| 2229 | Gray Matter Alterations in First-Admission Adolescents with Schizophrenia. , 2011, 21, 241-246. | | 21 |
| 2230 | Structural Brain Changes in Patients with Recurrent Major Depressive Disorder Presenting with Anxiety Symptoms. , 2011, 21, 375-382. | | 44 |
| 2231 | Which SPM Method Should Be Used to Extract Hippocampal Measures in Early Alzheimer's Disease?. , 2011, 21, 310-316. | | 7 |
| 2232 | The structural basis of inter-individual differences in human behaviour and cognition. Nature Reviews Neuroscience, 2011, 12, 231-242. | 4.9 | 894 |
| 2233 | Framingham Cardiovascular Risk Profile Correlates with Impaired Hippocampal and Cortical Vasoreactivity to Hypercapnia. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 671-679. | 2.4 | 59 |
| 2234 | Magnetic resonance perfusion imaging of resting-state cerebral blood flow in preclinical Huntington's disease. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1908-1918. | 2.4 | 54 |
| 2235 | Recombinant human erythropoietin delays loss of gray matter in chronic schizophrenia. Molecular Psychiatry, 2011, 16, 26-36. | 4.1 | 78 |
| 2236 | Spatial regularization of SVM for the detection of diffusion alterations associated with stroke outcome. Medical Image Analysis, 2011, 15, 729-737. | 7.0 | 66 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2237 | Morphological appearance manifolds for group-wise morphometric analysis. Medical Image Analysis, 2011, 15, 814-829. | 7.0 | 6 |
| 2238 | High-sensitivity C-reactive protein is associated with hippocampus volume in nondementia patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2011, 60, 460-466. | 1.5 | 22 |
| 2239 | Principal component analysis of behavioural individual differences suggests that particular aspects of visual working memory may relate to specific aspects of attention. Neuropsychologia, 2011, 49, 1518-1526. | 0.7 | 36 |
| 2240 | Hippocampal dysfunction in patients with mild cognitive impairment: A functional neuroimaging study of a visuospatial paired associates learning task. Neuropsychologia, 2011, 49, 2060-2070. | 0.7 | 142 |
| 2241 | Very preterm adolescents show gender-dependent alteration of the structural brain correlates of spelling abilities. Neuropsychologia, 2011, 49, 2685-2693. | 0.7 | 9 |
| 2242 | Verbal working memory performance correlates with regional white matter structures in the frontoparietal regions. Neuropsychologia, 2011, 49, 3466-3473. | 0.7 | 78 |
| 2243 | Spatial and orientational heterogeneity in the statistical sensitivity of skeleton-based analyses of diffusion tensor MR imaging data. Journal of Neuroscience Methods, 2011, 201, 213-219. | 1.3 | 63 |
| 2244 | Cortical thickness is associated with poor insight in first-episode psychosis. Journal of Psychiatric Research, 2011, 45, 781-787. | 1.5 | 51 |
| 2245 | Sex steroids and connectivity in the human brain: A review of neuroimaging studies. Psychoneuroendocrinology, 2011, 36, 1101-1113. | 1.3 | 167 |
| 2246 | Pain is associated with regional grey matter reduction in the general population. Pain, 2011, 152, 904-911. | 2.0 | 72 |
| 2247 | Gray matter decrease distribution in the early stages of Anorexia Nervosa restrictive type in adolescents. Psychiatry Research - Neuroimaging, 2011, 191, 24-30. | 0.9 | 76 |
| 2248 | Mindfulness practice leads to increases in regional brain gray matter density. Psychiatry Research - Neuroimaging, 2011, 191, 36-43. | 0.9 | 1,222 |
| 2249 | Reply to Fan and Hart. Psychiatry Research - Neuroimaging, 2011, 191, 85. | 0.9 | 0 |
| 2250 | Decreased gray matter volume in the left hippocampus and bilateral calcarine cortex in coal mine flood disaster survivors with recent onset PTSD. Psychiatry Research - Neuroimaging, 2011, 192, 84-90. | 0.9 | 84 |
| 2251 | Longitudinal changes in brain structure following the first episode of psychosis. Psychiatry Research - Neuroimaging, 2011, 191, 166-173. | 0.9 | 20 |
| 2252 | Genetic variants in the ErbB4 gene are associated with white matter integrity. Psychiatry Research - Neuroimaging, 2011, 191, 133-137. | 0.9 | 37 |
| 2253 | Neurological signs and morphological cerebral changes in schizophrenia: An analysis of NSS subscales in patients with first episode psychosis. Psychiatry Research - Neuroimaging, 2011, 192, 69-76. | 0.9 | 54 |
| 2254 | In vivo evidence of global and focal brain alterations in anorexia nervosa. Psychiatry Research - Neuroimaging, 2011, 192, 154-159. | 0.9 | 106 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 2255 | Semantic fluency deficits and reduced grey matter before transition to psychosis: A voxelwise correlational analysis. Psychiatry Research - Neuroimaging, 2011, 194, 1-6. | 0.9 | 27 |
| 2256 | A new sulcus-corrected approach for assessing cerebellar volume in spinocerebellar ataxia. Psychiatry Research - Neuroimaging, 2011, 193, 123-130. | 0.9 | 10 |
| 2257 | Assessing the reproducibility of the SienaX and Siena brain atrophy measures using the ADNI back-to-back MP-RAGE MRI scans. Psychiatry Research - Neuroimaging, 2011, 193, 182-190. | 0.9 | 43 |
| 2258 | Assessment of white matter abnormalities in paranoid schizophrenia and bipolar mania patients. Psychiatry Research - Neuroimaging, 2011, 194, 347-353. | 0.9 | 52 |
| 2259 | Voxel-based morphometry of patients with schizophrenia or bipolar I disorder: A matched control study. Psychiatry Research - Neuroimaging, 2011, 194, 149-156. | 0.9 | 43 |
| 2260 | Extensive abnormality of brain white matter integrity in pathological gambling. Psychiatry Research - Neuroimaging, 2011, 194, 340-346. | 0.9 | 111 |
| 2261 | Deformable Registration of Glioma Images Using EM Algorithm and Diffusion Reaction Modeling. IEEE Transactions on Medical Imaging, 2011, 30, 375-390. | 5.4 | 84 |
| 2262 | Component Analysis Approach to Estimation of Tissue Intensity Distributions of 3D Images. IEEE Transactions on Medical Imaging, 2011, 30, 838-848. | 5.4 | 6 |
| 2263 | ODVBA: Optimally-Discriminative Voxel-Based Analysis. IEEE Transactions on Medical Imaging, 2011, 30, 1441-1454. | 5.4 | 30 |
| 2264 | Topology-Based Kernels With Application to Inference Problems in Alzheimer's Disease. IEEE Transactions on Medical Imaging, 2011, 30, 1760-1770. | 5.4 | 69 |
| 2265 | A Combined Manifold Learning Analysis of Shape and Appearance to Characterize Neonatal Brain Development. IEEE Transactions on Medical Imaging, 2011, 30, 2072-2086. | 5.4 | 43 |
| 2266 | Neuroimaging-based markers of bipolar disorder: Evidence from two meta-analyses. Journal of Affective Disorders, 2011, 132, 344-355. | 2.0 | 205 |
| 2267 | Demonstration of decreased gray matter concentration in the midbrain encompassing the dorsal raphe nucleus and the limbic subcortical regions in major depressive disorder: An optimized voxel-based morphometry study. Journal of Affective Disorders, 2011, 133, 128-136. | 2.0 | 92 |
| 2268 | Political Orientations Are Correlated with Brain Structure in Young Adults. Current Biology, 2011, 21, 677-680. | 1.8 | 378 |
| 2269 | Acquiring "the Knowledge―of London's Layout Drives Structural Brain Changes. Current Biology, 2011, 21, 2109-2114. | 1.8 | 447 |
| 2270 | Morphometry and diffusion MR imaging years after childhood traumatic brain injury. European Journal of Paediatric Neurology, 2011, 15, 493-501. | 0.7 | 15 |
| 2271 | Longitudinal functional magnetic resonance imaging of cognition in preclinical Huntington's disease. Experimental Neurology, 2011, 231, 214-222. | 2.0 | 45 |
| 2272 | Neuroanatomical changes due to hearing loss and chronic tinnitus: A combined VBM and DTI study. Brain Research, 2011, 1369, 74-88. | 1.1 | 250 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2273 | Individual differences in local gray and white matter volumes reflect differences in temperament and character: A voxel-based morphometry study in healthy young females. Brain Research, 2011, 1371, 32-42. | 1.1 | 81 |
| 2274 | Sex-dependent modulation of activity in the neural networks engaged during emotional speech comprehension. Brain Research, 2011, 1390, 108-117. | 1.1 | 16 |
| 2275 | Deterioration of abstract reasoning ability in mild cognitive impairment and Alzheimer's disease: correlation with regional grey matter volume loss revealed by diffeomorphic anatomical registration through exponentiated lie algebra analysis. European Radiology, 2011, 21, 419-425. | 2.3 | 10 |
| 2276 | Linking coordinative and executive dysfunctions to atrophy in spinocerebellar ataxia 2 patients. Brain Structure and Function, 2011, 216, 275-288. | 1.2 | 42 |
| 2277 | Different gray matter patterns in chronic schizophrenia and chronic bipolar disorder patients identified using voxel-based morphometry. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 313-322. | 1.8 | 42 |
| 2278 | Prefrontal cortex gyrification index in twins: an MRI study. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 459-465. | 1.8 | 18 |
| 2279 | Magnetic resonance imaging in progressive supranuclear palsy. Journal of Neurology, 2011, 258, 549-558. | 1.8 | 44 |
| 2280 | Structural gray and white matter changes in patients with HIV. Journal of Neurology, 2011, 258, 1066-1075. | 1.8 | 119 |
| 2281 | Quantitative brain MR imaging in amyotrophic lateral sclerosis. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 67-76. | 1.1 | 10 |
| 2282 | ESMRMB 2011, 28th Annual Scientific Meeting, Leipzig, Germany, 6-8 October: EPOSTM Posters / Paper Posters / Clinical Review Posters / Software Exhibits. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 271-543. | 1.1 | 1 |
| 2283 | Relationship Between Brain and Cognitive Processes in Down Syndrome. Behavior Genetics, 2011, 41, 381-393. | 1.4 | 79 |
| 2285 | DTI-MR tractography of white matter damage in stroke patients with neglect. Experimental Brain Research, 2011, 208, 491-505. | 0.7 | 128 |
| 2286 | Gray matter concentration and effective connectivity changes in Alzheimer's disease: a longitudinal structural MRI study. Neuroradiology, 2011, 53, 733-748. | 1.1 | 53 |
| 2287 | DTI studies in patients with Alzheimer's disease, mild cognitive impairment, or normal cognition with evaluation of the intrinsic background gradients. Neuroradiology, 2011, 53, 749-762. | 1.1 | 17 |
| 2288 | Entorhinal cortex volume measured with 3T MRI is positively correlated with the Wechsler Memory Scale-Revised logical/verbal memory score for healthy subjects. Neuroradiology, 2011, 53, 617-622. | 1.1 | 18 |
| 2289 | Atrophy: When too much atrophy is too little brain. Neuroradiology, 2011, 53, 133-139. | 1.1 | 11 |
| 2290 | Nonlinear registration of longitudinal images and measurement of change in regions of interest. Medical Image Analysis, 2011, 15, 489-497. | 7.0 | 105 |
| 2291 | Saccadic latency in Parkinson's disease correlates with executive function and brain atrophy, but not motor severity. Neurobiology of Disease, 2011, 43, 79-85. | 2.1 | 52 |

| | | CITATION REI | PORT | |
|------|---|-------------------------------|------|-----------|
| # | Article | | IF | Citations |
| 2292 | Segmentation ciblée d'images IRM et maladie d'Alzheimer. Irbm, 2011, 32, 3 | .9-26. | 3.7 | 3 |
| 2293 | Imaging Signatures of Molecular Pathology in Behavioral Variant Frontotemporal Demo of Molecular Neuroscience, 2011, 45, 372-8. | entia. Journal | 1.1 | 61 |
| 2294 | Automated segmentation method of white matter and gray matter regions with multiplesions in MR images. Radiological Physics and Technology, 2011, 4, 61-72. | ple sclerosis | 1.0 | 4 |
| 2295 | Accelerated hippocampal volume reduction in post-menopausal women: an additional Atlas-based method. Radiological Physics and Technology, 2011, 4, 185-188. | study with | 1.0 | 12 |
| 2296 | Plasticity of the Superior and Middle Cerebellar Peduncles in Musicians Revealed by Qu Analysis of Volume and Number of Streamlines Based on Diffusion Tensor Tractograph 2011, 10, 611-623. | iantitative y. Cerebellum, | 1.4 | 35 |
| 2297 | On the emerging role of neuroimaging in determining functional and structural brain in induced by physical exercise: impact for predictive, preventive, and personalized medic Journal, 2011, 2, 277-285. | itegrity ine. EPMA | 3.3 | 9 |
| 2298 | Neuroimaging in Amyotrophic Lateral Sclerosis. Neurotherapeutics, 2011, 8, 63-71. | | 2.1 | 44 |
| 2299 | Classification of schizophrenic patients and healthy controls using multiple spatially in components of structural MRI data. Frontiers of Electrical and Electronic Engineering in Selected Publications From Chinese Universities, 2011, 6, 353-362. | dependent າ China: | 0.6 | 3 |
| 2300 | Use of normative distribution of gray to white matter ratio in orthogonal planes in hun studies and computer-assisted neuroradiology. International Journal of Computer Assis and Surgery, 2011, 6, 489-505. | 1an brain sted Radiology | 1.7 | 4 |
| 2301 | Smaller brain size likely in young adults (<40 years old) with depressive symptoms c healthy controls: a retrospective study. Japanese Journal of Radiology, 2011, 29, 19-24 | ompared to · | 1.0 | 0 |
| 2302 | Toward dysfunctional connectivity: a review of neuroimaging findings in pediatric majo disorder. Brain Imaging and Behavior, 2011, 5, 307-328. | or depressive | 1.1 | 151 |
| 2303 | Artifact quantification and tractography from 3T MRI after placement of aneurysm clip subarachnoid hemorrhage patients. BMC Medical Imaging, 2011, 11, 19. | s in | 1.4 | 14 |
| 2304 | Hypothyroidism and mood disorders: integrating novel insights from brain imaging tec Thyroid Research, 2011, 4, S3. | hniques. | 0.7 | 35 |
| 2305 | 3 Tesla MRI detects accelerated hippocampal volume reduction in postmenopausal wo Magnetic Resonance Imaging, 2011, 33, 48-53. | men. Journal of | 1.9 | 38 |
| 2306 | Effect of scanner in longitudinal studies of brain volume changes. Journal of Magnetic Imaging, 2011, 34, 438-444. | Resonance | 1.9 | 94 |
| 2307 | Statistical analysis of bone mineral density using voxelâ€based morphometry—an ap proximal sesamoid bones in racehorses. Journal of Orthopaedic Research, 2011, 29, 12 | plication on 30-1236. | 1.2 | 12 |
| 2308 | Gray matter correlates of behavioral severity in progressive supranuclear palsy. Movem 2011, 26, 493-498. | ent Disorders, | 2.2 | 43 |
| 2309 | Cortical gray matter changes in primary blepharospasm: A voxelâ€based morphometry Disorders, 2011, 26, 1907-1912. | study. Movement | 2.2 | 55 |

ARTICLE IF CITATIONS Hippocampal blood flow in normal aging measured with arterial spin labeling at 3T. Magnetic 2310 1.9 26 Resonance in Medicine, 2011, 65, 128-137. Validation of VASO cerebral blood volume measurement with positron emission tomography. 1.9 19 Magnetic Resonance in Medicine, 2011, 65, 744-749. Effect of dopamine transporter genotype on caudate volume in childhood ADHD and controls. 2312 1.1 28 American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2011, 156, 28-35. Hypothalamic gray matter volume loss in hypnic headache. Annals of Neurology, 2011, 69, 533-539. 2313 Neuroanatomy of childhood disruptive behavior disorders. Aggressive Behavior, 2011, 37, 326-337. 2314 1.579 Structural and functional bases for individual differences in motor learning. Human Brain Mapping, 2011, 32, 494-508. Gender and age differences in normal adult human brain: Voxel-based morphometric study. Human 2316 1.9 68 Brain Mapping, 2011, 32, 1050-1058. Small gray matter volume in orbitofrontal cortex in Prader-Willi syndrome: A voxel-based MRI study. 1.9 Human Brain Mapping, 2011, 32, 1059-1066. Diffusion tensor imaging and white matter lesions at the subacute stage in mild traumatic brain injury 2318 1.9 189 with persistent neurobehavioral impairment. Human Brain Mapping, 2011, 32, 999-1011. The cholinergic system in mild cognitive impairment and Alzheimer's disease: An in vivo MRI and DTI 1.9 study. Human Brain Mapping, 2011, 32, 1349-1362. Structural covariance in the cortex of very preterm adolescents: A voxelâ€based morphometry study. 2320 1.9 43 Human Brain Mapping, 2011, 32, 1615-1625. Trainingâ€induced neuroanatomical plasticity in ADHD: A tensorâ€based morphometric study. Human Brain Mapping, 2011, 32, 1741-1749. Gray and white matter asymmetries in healthy individuals aged 21–29 years: A voxelâ€based morphometry 2322 1.9 103 and diffusion tensor imaging study. Human Brain Mapping, 2011, 32, 1762-1773. Loss of white matter integrity in major depressive disorder: Evidence using tractâ€based spatial 1.9 180 statistical analysis of diffusion tensor imaging. Human Brain Mapping, 2011, 32, 2161-2171. Brain tissue volume changes following weight gain in adults with anorexia nervosa. International 2324 2.1 69 Journal of Eating Disorders, 2011, 44, 406-411. Dissimilarityâ€based detection of schizophrenia. International Journal of Imaging Systems and Technology, 2011, 21, 179-192. White matter density is increased in patients with hypothalamic hamartoma and multiple seizure types. 2326 0.8 6 Epilepsy Research, 2011, 93, 212-215. Diffusion tensor imaging analysis with tract-based spatial statistics of the white matter abnormalities after epilepsy surgery. Epilepsy Research, 2011, 94, 189-197.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2328 | Neurocognitive disorder detection based on feature vectors extracted from VBM analysis of structural MRI. Computers in Biology and Medicine, 2011, 41, 600-610. | 3.9 | 48 |
| 2329 | Automatic brain extraction methods for T1 magnetic resonance images using region labeling and morphological operations. Computers in Biology and Medicine, 2011, 41, 716-725. | 3.9 | 91 |
| 2330 | Understanding juvenile myoclonic epilepsy: Contributions from neuroimaging. Epilepsy Research, 2011, 94, 127-137. | 0.8 | 47 |
| 2331 | Moderating registration misalignment in voxelwise comparisons of DTI data: a performance evaluation of skeleton projection. Magnetic Resonance Imaging, 2011, 29, 111-125. | 1.0 | 83 |
| 2332 | Application of multidimensional scaling to quantify shape in Alzheimer's disease and its correlation with Mini Mental State Examination: A feasibility study. Journal of Neuroscience Methods, 2011, 194, 380-385. | 1.3 | 12 |
| 2333 | A spatiotemporal statistical atlas of motion for the quantification of abnormal myocardial tissue velocities. Medical Image Analysis, 2011, 15, 316-328. | 7.0 | 68 |
| 2334 | The social brain in adolescence: Evidence from functional magnetic resonance imaging and behavioural studies. Neuroscience and Biobehavioral Reviews, 2011, 35, 1654-1664. | 2.9 | 311 |
| 2335 | Short-Term Plasticity of Gray Matter Associated with Leptin Deficiency and Replacement. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1212-E1220. | 1.8 | 39 |
| 2336 | Apolipoprotein E and Gray Matter Volume Loss in Patients with Mild Cognitive Impairment and Alzheimer Disease. Radiology, 2011, 258, 843-852. | 3.6 | 51 |
| 2337 | Multivoxel Proton MR Spectroscopy Used to Distinguish Anterior Cingulate Metabolic Abnormalities in Patients with Schizophrenia. Radiology, 2011, 261, 542-550. | 3.6 | 7 |
| 2338 | Neurological imaging: statistics behind the pictures. Imaging in Medicine, 2011, 3, 423-432. | 0.0 | 4 |
| 2339 | A Transverse and Longitudinal MR Imaging Voxel-Based Morphometry Study in Patients with Primary Cervical Dystonia. American Journal of Neuroradiology, 2011, 32, 81-84. | 1.2 | 54 |
| 2340 | Impact of Methodologic Choice for Automatic Detection of Different Aspects of Brain Atrophy by Using Temporal Lobe Epilepsy as a Model. American Journal of Neuroradiology, 2011, 32, 1669-1676. | 1.2 | 24 |
| 2341 | Extratemporal Damage in Temporal Lobe Epilepsy: Magnetization Transfer Adds Information to Volumetric MR Imaging: Fig 1 American Journal of Neuroradiology, 2011, 32, 1857-1861. | 1.2 | 13 |
| 2342 | Decreased Gray Matter Concentration and Local Synchronization of Spontaneous Activity in the Motor Cortex in Duchenne Muscular Dystrophy. American Journal of Neuroradiology, 2011, 32, 2196-2200. | 1.2 | 24 |
| 2343 | Developmental disorders of speech and language. Progress in Brain Research, 2011, 189, 225-238. | 0.9 | 41 |
| 2344 | Brain Structure in Young and Old East Asians and Westerners: Comparisons of Structural Volume and Cortical Thickness. Journal of Cognitive Neuroscience, 2011, 23, 1065-1079. | 1.1 | 136 |
| 2345 | Association of Frontal and Posterior Cortical Gray Matter Volume With Time to Alcohol Relapse: A Prospective Study. American Journal of Psychiatry, 2011, 168, 183-192. | 4.0 | 168 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2346 | Gray Matter Volume Decrements in Preterm Children With Periventricular Leukomalacia. Pediatric Research, 2011, 69, 554-560. | 1.1 | 25 |
| 2347 | EEG and MEG Data Analysis in SPM8. Computational Intelligence and Neuroscience, 2011, 2011, 1-32. | 1.1 | 500 |
| 2348 | Association of the Alzheimer's Gene <i>SORL1</i> With Hippocampal Volume in Young, Healthy Adults. American Journal of Psychiatry, 2011, 168, 1083-1089. | 4.0 | 58 |
| 2349 | Pre-SMA Gray-matter Density Predicts Individual Differences in Action Selection in the Face of Conscious and Unconscious Response Conflict. Journal of Cognitive Neuroscience, 2011, 23, 382-390. | 1.1 | 84 |
| 2350 | Disability, atrophy and cortical reorganization following spinal cord injury. Brain, 2011, 134, 1610-1622. | 3.7 | 238 |
| 2351 | Diffusion-Tensor Imaging Assessment of White Matter Maturation in Childhood and Adolescence. American Journal of Roentgenology, 2011, 197, 704-712. | 1.0 | 36 |
| 2352 | Modeling anatomical heterogeneity in populations. , 2011, , . | | 0 |
| 2353 | Source-Based Morphometry Analysis of Group Differences in Fractional Anisotropy in Schizophrenia. Brain Connectivity, 2011, 1, 133-145. | 0.8 | 53 |
| 2354 | Social impairment in schizophrenia revealed by Autism-Spectrum Quotient correlated with gray matter reduction. Social Neuroscience, 2011, 6, 548-558. | 0.7 | 21 |
| 2355 | Alzheimer's disease detection using a Self-adaptive Resource Allocation Network classifier. , 2011, , . | | 17 |
| 2356 | Visualizing myeloarchitecture with magnetic resonance imaging in primates. Annals of the New York Academy of Sciences, 2011, 1225, E171-81. | 1.8 | 35 |
| 2357 | Atlas Learning in Fetal Brain Development. Topics in Magnetic Resonance Imaging, 2011, 22, 107-111. | 0.7 | 5 |
| 2358 | Differential Impact of ApoE ε4 on Cortical Activation During Famous Face Recognition in Cognitively Intact Individuals and Patients With Amnestic Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2011, 25, 250-261. | 0.6 | 9 |
| 2359 | Magnetization Transfer Imaging Demonstrates a Distributed Pattern of Microstructural Changes of the Cerebral Cortex in Amyotrophic Lateral Sclerosis. American Journal of Neuroradiology, 2011, 32, 704-708. | 1.2 | 19 |
| 2360 | Convergent grey and white matter evidence of orbitofrontal cortex changes related to disinhibition in behavioural variant frontotemporal dementia. Brain, 2011, 134, 2502-2512. | 3.7 | 191 |
| 2361 | Human <i>CRB1</i> -Associated Retinal Degeneration: Comparison with the <i>rd8 Crb1</i> -Mutant Mouse Model. , 2011, 52, 6898. | | 98 |
| 2362 | Voxelwise Analysis of Diffusion Tensor Imaging and Structural MR Imaging in Patients with the m.3243A>G Mutation in Mitochondrial DNA. American Journal of Neuroradiology, 2011, 32, 522-526. | 1.2 | 15 |
| 2363 | Grey matter abnormality in autism spectrum disorder: an activation likelihood estimation meta-analysis study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1304-1313. | 0.9 | 158 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 2364 | Neuroanatomical Abnormalities That Predate the Onset of Psychosis. Archives of General Psychiatry, 2011, 68, 489. | 13.8 | 227 |
| 2365 | Sensorimotor skills and focal dystonia are linked to putaminal grey-matter volume in pianists. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1225-1231. | 0.9 | 82 |
| 2366 | Meta-analysis of Gray Matter Abnormalities in Autism Spectrum Disorder. Archives of General Psychiatry, 2011, 68, 409. | 13.8 | 170 |
| 2367 | Diffusion Tensor Imaging Assessment of the Epileptogenic Zone in Children with Localization-Related Epilepsy. American Journal of Neuroradiology, 2011, 32, 1789-1794. | 1.2 | 19 |
| 2368 | The effects of early diet on cognition and the brain. , 2011, , 3-31. | | 0 |
| 2369 | Analysis of Gray Matter in AD Patients and MCI Subjects Based Voxel-Based Morphometry. Lecture Notes in Computer Science, 2011, , 209-217. | 1.0 | 2 |
| 2370 | Basal Forebrain Involvement in Low-Functioning Autistic Children: A Voxel-Based Morphometry Study. American Journal of Neuroradiology, 2011, 32, 1430-1435. | 1.2 | 41 |
| 2371 | Microstructure Abnormalities in Adolescents with Internet Addiction Disorder. PLoS ONE, 2011, 6, e20708. | 1.1 | 290 |
| 2372 | Cerebellar Gray Matter Density in Females With ADHD Combined Type: A Cross-Sectional Voxel-Based Morphometry Study. Journal of Attention Disorders, 2011, 15, 368-381. | 1.5 | 26 |
| 2373 | Effects of Training of Processing Speed on Neural Systems. Journal of Neuroscience, 2011, 31, 12139-12148. | 1.7 | 117 |
| 2374 | Predicting survival in frontotemporal dementia with motor neuron disease. Neurology, 2011, 76, 1886-1892. | 1.5 | 42 |
| 2375 | Neuroanatomical Correlates of Cognitive Performance in Late Life. Dementia and Geriatric Cognitive Disorders, 2011, 32, 216-226. | 0.7 | 12 |
| 2376 | The Right Posterior Paravermis and the Control of Language Interference. Journal of Neuroscience, 2011, 31, 10732-10740. | 1.7 | 50 |
| 2377 | Voxel-based meta-analysis of regional white-matter volume differences in autism spectrum disorder <i>versus</i> healthy controls. Psychological Medicine, 2011, 41, 1539-1550. | 2.7 | 152 |
| 2378 | Biomarkers in Alzheimer's disease. Clinical Chemistry and Laboratory Medicine, 2011, 49, 773-8. | 1.4 | 9 |
| 2379 | Prospectively Determined Impact of Type 1 Diabetes on Brain Volume During Development. Diabetes, 2011, 60, 3006-3014. | 0.3 | 84 |
| 2380 | Changes in Brain Size during the Menstrual Cycle. PLoS ONE, 2011, 6, e14655. | 1.1 | 82 |
| 2381 | A voxel-based morphometry study of grey matter loss in fragile X-associated tremor/ataxia syndrome. Brain, 2011, 134, 863-878. | 3.7 | 87 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2382 | Immediate Regression of Leukoaraiosis after Carotid Artery Revascularization. Cerebrovascular Diseases, 2011, 32, 439-446. | 0.8 | 13 |
| 2383 | Volumes of Lateral Temporal and Parietal Structures Distinguish Between Healthy Aging, Mild Cognitive Impairment, and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 26, 719-734. | 1.2 | 44 |
| 2384 | Absence of changes in cortical thickness in patients with migraine. Cephalalgia, 2011, 31, 1452-1458. | 1.8 | 56 |
| 2385 | β-Amyloid (1–42) Levels in Cerebrospinal Fluid and Cerebral Atrophy in Mild Cognitive Impairment and Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders Extra, 2011, 1, 393-401. | 0.6 | 0 |
| 2386 | A retrospective study of white matter integrity in mild cognitive impairment. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 2387 | Altered cortical anatomical networks in temporal lobe epilepsy. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 2388 | Default mode network connectivity in stable vs progressive mild cognitive impairment. Neurology, 2011, 76, 511-517. | 1.5 | 267 |
| 2389 | Reciprocal Anatomical Relationship between Primary Sensory and Prefrontal Cortices in the Human Brain. Journal of Neuroscience, 2011, 31, 9472-9480. | 1.7 | 34 |
| 2390 | Left Anterior Temporal Lobe Sustains Naming in Alzheimers Dementia and Mild Cognitive Impairment. Current Alzheimer Research, 2011, 8, 893-901. | 0.7 | 27 |
| 2391 | Atrophy, hypometabolism and white matter abnormalities in semantic dementia tell a coherent story. Brain, 2011, 134, 2025-2035. | 3.7 | 185 |
| 2392 | Voice processing in dementia: a neuropsychological and neuroanatomical analysis. Brain, 2011, 134, 2535-2547. | 3.7 | 66 |
| 2393 | Comparison of gray matter volume and thickness for analysis of cortical changes in Alzheimer's disease. Proceedings of SPIE, 2011, , . | 0.8 | 2 |
| 2394 | Learning new color names produces rapid increase in gray matter in the intact adult human cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6686-6688. | 3.3 | 83 |
| 2395 | Born with an Ear for Dialects? Structural Plasticity in the Expert Phonetician Brain. Journal of Neuroscience, 2011, 31, 4213-4220. | 1.7 | 105 |
| 2396 | Default Mode Network Connectivity Predicts Sustained Attention Deficits after Traumatic Brain Injury. Journal of Neuroscience, 2011, 31, 13442-13451. | 1.7 | 401 |
| 2397 | Fully Automated Atlas-Based MR Imaging Volumetry in Huntington Disease, Compared with Manual Volumetry. American Journal of Neuroradiology, 2011, 32, 1328-1332. | 1.2 | 20 |
| 2398 | A Voxel-Based Analysis of FDG-PET in Traumatic Brain Injury: Regional Metabolism and Relationship between the Thalamus and Cortical Areas. Journal of Neurotrauma, 2011, 28, 1707-1717. | 1.7 | 58 |
| 2399 | Automatic subcortical tissue segmentation of MR images using optimum-path forest clustering. , 2011, , . | | 2 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 2400 | Disease classification and prediction via semi-supervised dimensionality reduction. , 2011, 2011, 1086-1090. | | 21 |
| 2401 | Visual cortex abnormalities in adults with ADHD: A structural MRI study. World Journal of Biological Psychiatry, 2011, 12, 260-270. | 1.3 | 63 |
| 2402 | Semi-supervised Pattern Classification: Application to Structural MRI of Alzheimer's Disease. , 2011, 2011, 1-4. | | 29 |
| 2403 | Mapping the Altered Patterns of Cerebellar Resting-State Function in Longitudinal Amnestic Mild Cognitive Impairment Patients. Journal of Alzheimer's Disease, 2011, 23, 87-99. | 1.2 | 51 |
| 2404 | Internet addiction: Neuroimaging findings. Communicative and Integrative Biology, 2011, 4, 637-639. | 0.6 | 55 |
| 2405 | Characterization of Cerebral White Matter Properties Using Quantitative Magnetic Resonance Imaging Stains. Brain Connectivity, 2011, 1, 423-446. | 0.8 | 387 |
| 2406 | Multilevel Functional Principal Component Analysis for High-Dimensional Data. Journal of Computational and Graphical Statistics, 2011, 20, 852-873. | 0.9 | 54 |
| 2407 | Structural MRI correlates for vulnerability and resilience to major depressive disorder. Journal of Psychiatry and Neuroscience, 2011, 36, 15-22. | 1.4 | 224 |
| 2408 | Progressive and widespread brain damage in ALS: MRI voxel-based morphometry and diffusion tensor imaging study. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 59-69. | 2.3 | 79 |
| 2409 | Regional gray matter correlates of perceived emotional intelligence. Social Cognitive and Affective Neuroscience, 2011, 6, 582-590. | 1.5 | 46 |
| 2410 | White matter alterations related to P300 abnormalities in individuals at high risk for psychosis: an MRI–EEG study. Journal of Psychiatry and Neuroscience, 2011, 36, 239-248. | 1.4 | 46 |
| 2411 | Pervasive microstructural abnormalities in autism: a DTI study. Journal of Psychiatry and Neuroscience, 2011, 36, 32-40. | 1.4 | 107 |
| 2412 | A Comprehensive Study of Whole-Brain Functional Connectivity in Children and Young Adults. Cerebral Cortex, 2011, 21, 385-391. | 1.6 | 143 |
| 2413 | Apathy is related to cortex morphology in CADASIL. Neurology, 2011, 76, 1472-1477. | 1.5 | 37 |
| 2414 | Neural Correlates of Affect Processing and Aggression in Methamphetamine Dependence. Archives of General Psychiatry, 2011, 68, 271. | 13.8 | 91 |
| 2415 | Neural basis of music knowledge: evidence from the dementias. Brain, 2011, 134, 2523-2534. | 3.7 | 96 |
| 2416 | Alterations in Cerebral Metabolic Rate and Blood Supply across the Adult Lifespan. Cerebral Cortex, 2011, 21, 1426-1434. | 1.6 | 311 |
| 2417 | The predictive value of gray matter atrophy in clinically isolated syndromes. Neurology, 2011, 77, 257-263. | 1.5 | 141 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2418 | Functional neuroimaging in sleep, sleep deprivation, and sleep disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 98, 71-94. | 1.0 | 10 |
| 2419 | Emotion recognition and experience in Huntington disease: a voxel-based morphometry study. Journal of Psychiatry and Neuroscience, 2011, 36, 383-390. | 1.4 | 51 |
| 2420 | The Cognitive Consequences of Structural Changes to the Aging Brain. , 2011, , 73-91. | | 17 |
| 2421 | The Impact of Lesion In-Painting and Registration Methods on Voxel-Based Morphometry in Detecting Regional Cerebral Gray Matter Atrophy in Multiple Sclerosis. American Journal of Neuroradiology, 2012, 33, 1579-1585. | 1.2 | 64 |

| 2423 | Deriving Statistical Significance Maps for SVM Based Image Classification and Group Comparisons. Lecture Notes in Computer Science, 2012, 15, 723-730. | 1.0 | 19 |
|------|---|-----|-----|
| 2424 | Aberrant paralimbic gray matter in criminal psychopathy Journal of Abnormal Psychology, 2012, 121, 649-658. | 2.0 | 180 |
| 2425 | Reliability of Longitudinal Brain Volume Loss Measurements between 2 Sites in Patients with Multiple Sclerosis: Comparison of 7 Quantification Techniques. American Journal of Neuroradiology, 2012, 33, 1918-1924. | 1.2 | 77 |
| 2426 | Comparison of brain volume abnormalities between ADHD and conduct disorder in adolescence. Journal of Psychiatry and Neuroscience, 2012, 37, 389-398. | 1.4 | 54 |
| 2427 | Neuroimaging signatures of frontotemporal dementia genetics: C9ORF72, tau, progranulin and sporadics. Brain, 2012, 135, 794-806. | 3.7 | 355 |
| 2428 | Brain magnetic resonance image segmentation based on an adapted non-local fuzzy c-means method. IET Computer Vision, 2012, 6, 610-625. | 1.3 | 18 |
| 2429 | Grey matter atrophy in cognitively impaired Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 188-194. | 0.9 | 211 |
| 2430 | The Effect of the Neurogranin Schizophrenia Risk Variant rs12807809 on Brain Structure and Function. Twin Research and Human Genetics, 2012, 15, 296-303. | 0.3 | 26 |
| 2431 | Relating Brain Damage to Brain Plasticity in Patients With Multiple Sclerosis. Neurorehabilitation and Neural Repair, 2012, 26, 581-593. | 1.4 | 61 |
| 2432 | Spatial Transformation of DWI Data Using Non-Negative Sparse Representation. IEEE Transactions on Medical Imaging, 2012, 31, 2035-2049. | 5.4 | 27 |
| 2433 | Advanced magnetic resonance imaging of neuromyelitis optica: a multiparametric approach. Multiple Sclerosis Journal, 2012, 18, 817-824. | 1.4 | 58 |
| 2434 | Grey matter volume in early human visual cortex predicts proneness to the sound-induced flash illusion. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4955-4961. | 1.2 | 40 |
| 2435 | A specific cognitive deficit within semantic cognition across a multi-generational family. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3652-3661. | 1.2 | 9 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2436 | Aging Effects on Regional Brain Structural Changes in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 838-844. | 2.3 | 23 |
| 2437 | Calorie Restriction Reduces the Influence of Glucoregulatory Dysfunction on Regional Brain Volume in Aged Rhesus Monkeys. Diabetes, 2012, 61, 1036-1042. | 0.3 | 44 |
| 2438 | Lost and Forgotten? Orientation Versus Memory in Alzheimer's Disease and Frontotemporal Dementia. Journal of Alzheimer's Disease, 2012, 33, 473-481. | 1.2 | 57 |
| 2439 | Pediatric Epilepsy Surgery. Advances and Technical Standards in Neurosurgery, 2012, , . | 0.2 | 0 |
| 2440 | Multimodal MRI Analysis of the Corpus Callosum Reveals White Matter Differences in Presymptomatic and Early Huntington's Disease. Cerebral Cortex, 2012, 22, 2858-2866. | 1.6 | 64 |
| 2441 | Gray Matter Atrophy in Behavioral Variant Frontotemporal Dementia: A Meta-Analysis of Voxel-Based Morphometry Studies. Dementia and Geriatric Cognitive Disorders, 2012, 33, 141-148. | 0.7 | 69 |
| 2442 | Automatic Voxel-Based Morphometry of Structural MRI by SPM8 plus Diffeomorphic Anatomic Registration Through Exponentiated Lie Algebra Improves the Diagnosis of Probable Alzheimer Disease. American Journal of Neuroradiology, 2012, 33, 1109-1114. | 1.2 | 202 |
| 2443 | Gray Matter Volume Decreases in Elderly Patients with Schizophrenia: A Voxel-based Morphometry Study. Schizophrenia Bulletin, 2012, 38, 796-802. | 2.3 | 15 |
| 2444 | Volumetric Abnormalities Predating the Onset of Schizophrenia and Affective Psychoses: An MRI Study in Subjects at Ultrahigh Risk of Psychosis. Schizophrenia Bulletin, 2012, 38, 1083-1091. | 2.3 | 88 |
| 2445 | Identifying disease sensitive and quantitative trait-relevant biomarkers from multidimensional heterogeneous imaging genetics data via sparse multimodal multitask learning. Bioinformatics, 2012, 28, i127-i136. | 1.8 | 114 |
| 2446 | Retrieval Orientation and the Control of Recollection: An fMRI Study. Journal of Cognitive Neuroscience, 2012, 24, 2372-2384. | 1.1 | 37 |
| 2447 | Whither the Hippocampus? FDG-PET Hippocampal Hypometabolism in Alzheimer Disease Revisited. American Journal of Neuroradiology, 2012, 33, 1975-1982. | 1.2 | 18 |
| 2448 | Family history of Alzheimer disease predicts hippocampal atrophy in healthy middle-aged adults. Neurology, 2012, 78, 1769-1776. | 1.5 | 46 |
| 2449 | Atrophy of Spared Gray Matter Tissue Predicts Poorer Motor Recovery and Rehabilitation Response in Chronic Stroke. Stroke, 2012, 43, 453-457. | 1.0 | 100 |
| 2450 | Distribution of Cortical Benzodiazepine Receptor Binding in Right-Handed Healthy Humans: A Voxel-Based Statistical Analysis of lodine 123 Iomazenil SPECT with Partial Volume Correction. American Journal of Neuroradiology, 2012, 33, 1458-1463. | 1.2 | 5 |
| 2452 | The Neural Underpinings of Simultanagnosia: Disconnecting the Visuospatial Attention Network. Journal of Cognitive Neuroscience, 2012, 24, 718-735. | 1.1 | 53 |
| 2453 | Structural Integrity of the Prefrontal Cortex Modulates Electrocortical Sensitivity to Reward. Journal of Cognitive Neuroscience, 2012, 24, 1560-1570. | 1.1 | 24 |
| 2454 | VBM–DTI Correlates of Verbal Intelligence: A Potential Link to Broca's Area. Journal of Cognitive Neuroscience, 2012, 24, 888-895. | 1.1 | 18 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2455 | MR Imaging–Based Correction for Partial Volume Effect Improves Detectability of Intractable Epileptogenic Foci on Iodine 123 Iomazenil Brain SPECT Images: An Extended Study with a Larger Sample Size. American Journal of Neuroradiology, 2012, 33, 2088-2094. | 1.2 | 4 |
| 2456 | Performance Comparison of Voxel based Morphometry and K means algorithm on longitudinal MR images. , 2012, , . | | 0 |
| 2457 | Progressive loss of cortical gray matter in schizophrenia: a meta-analysis and meta-regression of longitudinal MRI studies. Translational Psychiatry, 2012, 2, e190-e190. | 2.4 | 357 |
| 2458 | Conserved Functional Connectivity but Impaired Effective Connectivity of Thalamocortical Circuitry in Schizophrenia. Brain Connectivity, 2012, 2, 311-319. | 0.8 | 13 |
| 2459 | Increased Protein-Conjugated Acrolein and Amyloid-β40/42 Ratio in Plasma of Patients with Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 32, 33-41. | 1.2 | 53 |
| 2461 | Theory of Mind in Amnestic Mild Cognitive Impairment: An fMRI Study. Journal of Alzheimer's Disease, 2012, 29, 25-37. | 1.2 | 78 |
| 2462 | Tensor factorization-based classification of Alzheimer's disease vs healthy controls. , 2012, , . | | 1 |
| 2463 | The association of white matter volume in psychotic disorders with genotypic variation in NRG1, MOG and CNP: a voxel-based analysis in affected individuals and their unaffected relatives. Translational Psychiatry, 2012, 2, e167-e167. | 2.4 | 53 |
| 2464 | Brain Structural and Functional Connectivity and the Progression of Neuropathology in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S163-S172. | 1.2 | 31 |
| 2465 | Maternal interpersonal affiliation is associated with adolescents' brain structure and reward processing. Translational Psychiatry, 2012, 2, e182-e182. | 2.4 | 24 |
| 2466 | Identifying the Neural Correlates of Executive Functions in Early Cerebral Microangiopathy: A Combined VBM and DTI Study. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1869-1878. | 2.4 | 32 |
| 2467 | Changes in Auditory Feedback Connections Determine the Severity of Speech Processing Deficits after Stroke. Journal of Neuroscience, 2012, 32, 4260-4270. | 1.7 | 35 |
| 2468 | A Calorie-Restricted Diet Decreases Brain Iron Accumulation and Preserves Motor Performance in Old Rhesus Monkeys. Journal of Neuroscience, 2012, 32, 11897-11904. | 1.7 | 31 |
| 2469 | Gender Modulates the APOE Â4 Effect in Healthy Older Adults: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels. Journal of Neuroscience, 2012, 32, 8254-8262. | 1.7 | 222 |
| 2470 | Impaired Insulin Sensitivity as Indexed by the HOMA Score Is Associated With Deficits in Verbal Fluency and Temporal Lobe Gray Matter Volume in the Elderly. Diabetes Care, 2012, 35, 488-494. | 4.3 | 118 |
| 2471 | Association between brain structure and psychometric schizotypy in healthy individuals. World Journal of Biological Psychiatry, 2012, 13, 544-549. | 1.3 | 54 |
| 2472 | Altered Resting Brain Function and Structure in Professional Badminton Players. Brain Connectivity, 2012, 2, 225-233. | 0.8 | 93 |
| 2473 | Advances in longitudinal MRI diagnostic tests. Expert Opinion on Medical Diagnostics, 2012, 6, 309-321. | 1.6 | 5 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 2474 | Age-Related Loss of Brain Volume and T2 Relaxation Time in Youth With Type 1 Diabetes. Diabetes Care, 2012, 35, 513-519. | 4.3 | 26 |
| 2475 | Multimodal Neuroimaging Predictors for Cognitive Performance Using Structured Sparse Learning. Lecture Notes in Computer Science, 2012, , 1-17. | 1.0 | 4 |
| 2476 | Magnetic Resonance Imaging in Late-Life Depression. Archives of General Psychiatry, 2012, 69, 680-9. | 13.8 | 88 |
| 2477 | Hallucinations. , 2012, , . | | 16 |
| 2478 | Individual Detection of Patients with Parkinson Disease using Support Vector Machine Analysis of Diffusion Tensor Imaging Data: Initial Results. American Journal of Neuroradiology, 2012, 33, 2123-2128. | 1.2 | 99 |
| 2479 | Quantitative Assessment of Cerebral Hemodynamic Parameters by QUASAR Arterial Spin Labeling in Alzheimer's Disease and Cognitively Normal Elderly Adults at 3-Tesla. Journal of Alzheimer's Disease, 2012, 31, 33-44. | 1.2 | 76 |
| 2480 | Association of Activity Changes in the Primary Sensory Cortex With Successful Motor Rehabilitation of the Hand Following Stroke. Neurorehabilitation and Neural Repair, 2012, 26, 881-888. | 1.4 | 43 |
| 2481 | Relationship between Atrophy of the Medial Temporal Areas and Cognitive Functions in Elderly Adults with Mild Cognitive Impairment. European Neurology, 2012, 67, 168-177. | 0.6 | 7 |
| 2482 | Application of the VSRAD, a Specific and Sensitive Voxel-Based Morphometry, to Comparison of Entorhinal Cortex Atrophy between Dementia with Lewy Bodies and Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2012, 34, 328-331. | 0.7 | 16 |
| 2483 | Deficient Use of Visual Information in Estimating Hand Position in Cerebellar Patients. Journal of Neuroscience, 2012, 32, 16274-16284. | 1.7 | 19 |
| 2484 | Heritability of Multivariate Gray Matter Measures in Schizophrenia. Twin Research and Human Genetics, 2012, 15, 324-335. | 0.3 | 53 |
| 2485 | Environmental effects on recreational squid jigging fishery catches. ICES Journal of Marine Science, 2012, 69, 1823-1830. | 1.2 | 15 |
| 2486 | Internet and Gaming Addiction: A Systematic Literature Review of Neuroimaging Studies. Brain Sciences, 2012, 2, 347-374. | 1.1 | 311 |
| 2487 | Orbitofrontal Gray Matter Relates to Early Morning Awakening: A Neural Correlate of Insomnia Complaints?. Frontiers in Neurology, 2012, 3, 105. | 1.1 | 113 |
| 2488 | Clinical Features of Pittsburgh Compound-B-Negative Dementia. Dementia and Geriatric Cognitive Disorders, 2012, 34, 112-120. | 0.7 | 13 |
| 2489 | Amygdala to hippocampal volume ratio is associated with negative memory bias in healthy subjects. Psychological Medicine, 2012, 42, 335-343. | 2.7 | 36 |
| 2490 | Longitudinal follow-up of cavum septum pellucidum and adhesio interthalamica alterations in first-episode psychosis: a population-based MRI study. Psychological Medicine, 2012, 42, 2523-2534. | 2.7 | 31 |
| 2491 | The effects of gender on grey matter abnormalities in major psychoses: a comparative voxelwise meta-analysis of schizophrenia and bipolar disorder. Psychological Medicine, 2012, 42, 295-307. | 2.7 | 116 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2492 | Regional Manifold Learning for Deformable Registration of Brain MR Images. Lecture Notes in Computer Science, 2012, 15, 131-138. | 1.0 | 15 |
| 2493 | Altered brain mechanisms of emotion processing in pre-manifest Huntington's disease. Brain, 2012, 135, 1165-1179. | 3.7 | 85 |
| 2494 | Monitoring Brain Repair in Stroke Using Advanced Magnetic Resonance Imaging. Stroke, 2012, 43, 3124-3131. | 1.0 | 18 |
| 2495 | Multi-centre diagnostic classification of individual structural neuroimaging scans from patients with major depressive disorder. Brain, 2012, 135, 1508-1521. | 3.7 | 158 |
| 2496 | In vivo and post-mortem memory circuit integrity in frontotemporal dementia and Alzheimer's disease. Brain, 2012, 135, 3015-3025. | 3.7 | 157 |
| 2497 | Evolution of Global and Local Grey Matter Atrophy on Serial MRI Scans During the Progression from MCI to AD. Current Alzheimer Research, 2012, 9, 516-524. | 0.7 | 47 |
| 2498 | Imaging studies as biomarkers of Parkinson's disease. Imaging in Medicine, 2012, 4, 263-266. | 0.0 | 0 |
| 2499 | On the construction of topology-preserving deformations. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 2500 | Effects of Psychoactive Substances in Schizophrenia – Findings of Structural and Functional Neuroimaging. Current Topics in Medicinal Chemistry, 2012, 12, 2426-2433. | 1.0 | 11 |
| 2501 | Optimizing the Diagnosis of Early Alzheimer's Disease in Mild Cognitive Impairment Subjects. Journal of Alzheimer's Disease, 2012, 32, 969-979. | 1.2 | 32 |
| 2502 | Structural Brain Abnormalities in Adolescent Anorexia Nervosa Before and After Weight Recovery and Associated Hormonal Changes. Psychosomatic Medicine, 2012, 74, 574-582. | 1.3 | 102 |
| 2503 | Magnetic resonance imaging in late-life depression: vascular and glucocorticoid cascade hypotheses. British Journal of Psychiatry, 2012, 201, 46-51. | 1.7 | 44 |
| 2504 | MRI- and PET-Based Imaging Markers for the Diagnosis of Alzheimer's Disease. Advances in Biological Psychiatry, 2012, , 80-114. | 0.2 | 0 |
| 2505 | Experience-dependent plasticity in white matter microstructure: reasoning training alters structural connectivity. Frontiers in Neuroanatomy, 2012, 6, 32. | 0.9 | 113 |
| 2506 | Resting-State Functional Connectivity Bias of Middle Temporal Gyrus and Caudate with Altered Gray Matter Volume in Major Depression. PLoS ONE, 2012, 7, e45263. | 1.1 | 120 |
| 2507 | Mapping of distributions of a local <i>b</i> â€matrix crossâ€ŧerm strength using diffusion tensor MRI in patients with AlzheimerË^s disease. Medical Physics, 2012, 39, 6324-6331. | 1.6 | 1 |
| 2508 | Utility of Fractional Anisotropy Imaging Analyzed by Statistical Parametric Mapping for Detecting Minute Brain Lesions in Chronic-Stage Patients Who Had Mild or Moderate Traumatic Brain Injury. Neurologia Medico-Chirurgica, 2012, 52, 31-40. | 1.0 | 13 |
| 2509 | Effects of Image Distortion Correction on Voxel-based Morphometry. Magnetic Resonance in Medical Sciences, 2012, 11, 27-34. | 1.1 | 20 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 2511 | Patterns of gray matter atrophy in dementia with Lewy bodies: a voxel-based morphometry study. International Psychogeriatrics, 2012, 24, 532-540. | 0.6 | 54 |
| 2512 | Should we be â€~nervous' about coeliac disease? Brain abnormalities in patients with coeliac disease referred for neurological opinion. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 1216-1221. | 0.9 | 44 |
| 2513 | Diffusion Tensor Imaging of Vascular Parkinsonism. Archives of Neurology, 2012, 69, 1340. | 4.9 | 41 |
| 2514 | Microstructural and functional MRI studies of cognitive impairment in epilepsy. Epilepsia, 2012, 53, 1690-1699. | 2.6 | 24 |
| 2515 | Structural imaging techniques in schizophrenia. Acta Psychiatrica Scandinavica, 2012, 126, 235-242. | 2.2 | 22 |
| 2516 | Importance of Riboflavin Kinase in the Pathogenesis of Stroke. CNS Neuroscience and Therapeutics, 2012, 18, 834-840. | 1.9 | 12 |
| 2517 | Measurement and clinical effect of grey matter pathology in multiple sclerosis. Lancet Neurology, The, 2012, 11, 1082-1092. | 4.9 | 252 |
| 2518 | Volumetric reductions in the subgenual anterior cingulate cortex in adolescents with bipolar I disorder. Bipolar Disorders, 2012, 14, 585-596. | 1.1 | 37 |
| 2519 | Brain tissue volumes in familial longevity: the Leiden Longevity Study. Aging Cell, 2012, 11, 933-939. | 3.0 | 11 |
| 2520 | From phenotype to genotype: an association study of longitudinal phenotypic markers to Alzheimer's disease relevant SNPs. Bioinformatics, 2012, 28, i619-i625. | 1.8 | 62 |
| 2521 | Association of poor insight in schizophrenia with structure and function of cortical midline structures and frontopolar cortex. Schizophrenia Research, 2012, 139, 27-32. | 1.1 | 38 |
| 2522 | Imaging brain atrophy in progressive supranuclear palsy and corticobasal syndromes: potential for diagnosis and monitoring of disease progression. Neurodegenerative Disease Management, 2012, 2, 589-598. | 1.2 | 0 |
| 2523 | Identifying quantitative trait loci via group-sparse multitask regression and feature selection: an imaging genetics study of the ADNI cohort. Bioinformatics, 2012, 28, 229-237. | 1.8 | 149 |
| 2524 | In vivo voxel based morphometry: Detection of increased hippocampal volume and decreased glutamate levels in exercising mice. NeuroImage, 2012, 61, 1206-1212. | 2.1 | 101 |
| 2525 | Interpreting Magnetic Resonance Imaging Findings in Bipolar Disorder. CNS Neuroscience and Therapeutics, 2012, 18, 201-207. | 1.9 | 15 |
| 2526 | The Antisocial Brain: Psychopathy Matters. Archives of General Psychiatry, 2012, 69, 962. | 13.8 | 171 |
| 2527 | White matter abnormalities in geneâ€positive myoclonusâ€dystonia. Movement Disorders, 2012, 27, 1666-1672. | 2.2 | 34 |
| 2528 | Progression of cortical thinning in early Parkinson's disease. Movement Disorders, 2012, 27, 1746-1753. | 2.2 | 104 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 2530 | A diffusion tensor imaging and neuropsychological study of prospective memory impairment in South African HIV positive individuals. Metabolic Brain Disease, 2012, 27, 289-297. | 1.4 | 31 |
| 2531 | Alcohol consumption and premotor corpus callosum in older adults. European Neuropsychopharmacology, 2012, 22, 704-710. | 0.3 | 19 |
| 2532 | Anterior cingulate morphology in people at genetic high-risk of schizophrenia. European Psychiatry, 2012, 27, 377-385. | 0.1 | 16 |
| 2534 | Glutamate receptor delta 1 (CRID1) genetic variation and brain structure in schizophrenia. Journal of Psychiatric Research, 2012, 46, 1531-1539. | 1.5 | 27 |
| 2535 | DTI voxelwise analysis did not differentiate older depressed patients from older subjects without depression. Journal of Psychiatric Research, 2012, 46, 1643-1649. | 1.5 | 19 |
| 2536 | Dimensionality reduced cortical features and their use in the classification of Alzheimer's disease and mild cognitive impairment. Neuroscience Letters, 2012, 529, 123-127. | 1.0 | 23 |
| 2537 | Mapping joint grey and white matter reductions in Alzheimer's disease using joint independent component analysis. Neuroscience Letters, 2012, 531, 136-141. | 1.0 | 26 |
| 2538 | Voxelwise meta-analysis of gray matter reduction in major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 36, 11-16. | 2.5 | 206 |
| 2539 | Regional cortical thinning in patients with major depressive disorder: A surface-based morphometry study. Psychiatry Research - Neuroimaging, 2012, 202, 206-213. | 0.9 | 84 |
| 2540 | Do Alzheimer-specific microstructural changes in mild cognitive impairment predict conversion?. Psychiatry Research - Neuroimaging, 2012, 203, 184-193. | 0.9 | 35 |
| 2541 | Brain gray matter phenotypes across the psychosis dimension. Psychiatry Research - Neuroimaging, 2012, 204, 13-24. | 0.9 | 52 |
| 2542 | Examining the effect of psychopathic traits on gray matter volume in a community substance abuse sample. Psychiatry Research - Neuroimaging, 2012, 204, 91-100. | 0.9 | 51 |
| 2543 | Fronto-temporal disconnectivity and symptom severity in children with autism spectrum disorder. World Journal of Biological Psychiatry, 2012, 13, 269-280. | 1.3 | 77 |
| 2544 | Neuroimaging in amyotrophic lateral sclerosis. Biomarkers in Medicine, 2012, 6, 319-337. | 0.6 | 133 |
| 2546 | A comparison of VLSM and VBM in a cohort of patients with post-stroke aphasia. NeuroImage: Clinical, 2012, 1, 37-47. | 1.4 | 50 |
| 2547 | A Semi-Automatic Algorithm for Determining the Demyelination Load in Metachromatic Leukodystrophy. Academic Radiology, 2012, 19, 26-34. | 1.3 | 61 |
| 2548 | Stress Reactivity and Corticolimbic Response to Emotional Faces in Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2012, 51, 304-312. | 0.3 | 28 |
| 2549 | Diffusion tensor imaging in Alzheimer disease and mild cognitive impairment. Neurologia I Neurochirurgia Polska, 2012, 46, 462-471. | 0.6 | 8 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 2550 | Scoring by nonlocal image patch estimator for early detection of Alzheimer's disease. NeuroImage: Clinical, 2012, 1, 141-152. | 1.4 | 104 |
| 2551 | Mouse neuroimaging phenotyping in the cloud. , 2012, , . | | 2 |
| 2552 | Structural correlation in the default mode network in Alzheimer's disease. , 2012, , . | | 0 |
| 2553 | Multiclass classification of initial stages of Alzheimer's disease using structural MRI phase images. , 2012, , . | | 2 |
| 2554 | Differences between chimpanzees and bonobos in neural systems supporting social cognition. Social Cognitive and Affective Neuroscience, 2012, 7, 369-379. | 1.5 | 119 |
| 2555 | The Relevance Voxel Machine (RVoxM): A Self-Tuning Bayesian Model for Informative Image-Based Prediction. IEEE Transactions on Medical Imaging, 2012, 31, 2290-2306. | 5.4 | 41 |
| 2556 | Denoising 3D biomedical images with fractional-order integral calculus. , 2012, , . | | 1 |
| 2557 | Accelerated cortical atrophy in cognitively normal elderly with high β-amyloid deposition. Neurology, 2012, 78, 477-484. | 1.5 | 151 |
| 2558 | Sporadic adult-onset ataxia of unknown etiology. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 103, 253-262. | 1.0 | 23 |
| 2559 | Statistical Kernel-based Modeling of Connectomes. , 2012, , . | | 1 |
| 2560 | Global trend in articles related to stereotactic published in science citation index-expanded. British Journal of Neurosurgery, 2012, 26, 258-264. | 0.4 | 2 |
| 2561 | VBM analysis of white matter volume in children with ametropic amblyopia. , 2012, , . | | 0 |
| 2562 | Verbal learning and memory and their associations with brain morphology and illness course in schizophrenia spectrum psychoses. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 698-713. | 0.8 | 11 |
| 2563 | White and grey matter abnormalities in patients with <i>SPG11</i> mutations. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 828-833. | 0.9 | 41 |
| 2564 | Brain Imaging for Diagnosis of Schizophrenia: Challenges, Successes and a Research Road Map. , 2012, , . | | 0 |
| 2565 | Anatomically guided voxel-based partial volume effect correction in brain PET: Impact of MRI segmentation. Computerized Medical Imaging and Graphics, 2012, 36, 610-619. | 3.5 | 34 |
| 2566 | Next frontiers in the genetic epidemiology of Alzheimer's disease. European Journal of Epidemiology, 2012, 27, 831-836. | 2.5 | 4 |
| 2567 | Bilingualism Tunes the Anterior Cingulate Cortex for Conflict Monitoring. Cerebral Cortex, 2012, 22, 2076-2086. | 1.6 | 448 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2568 | Alzheimer's disease detection using a Projection Based Learning Meta-cognitive RBF Network. , 2012, , . | | 8 |
| 2569 | Homocysteine, neural atrophy, and the effect of caloric restriction in rhesus monkeys. Neurobiology of Aging, 2012, 33, 670-680. | 1.5 | 26 |
| 2570 | Interaction between aging and neurodegeneration in amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 886-898. | 1.5 | 88 |
| 2571 | Nonlinear time course of brain volume loss in cognitively normal and impaired elders. Neurobiology of Aging, 2012, 33, 845-855. | 1.5 | 68 |
| 2572 | Education, occupation, leisure activities, and brain reserve: a population-based study. Neurobiology of Aging, 2012, 33, 423.e15-423.e25. | 1.5 | 190 |
| 2573 | Demyelination of superficial white matter in early Alzheimer's disease: a magnetization transfer imaging study. Neurobiology of Aging, 2012, 33, 428.e7-428.e19. | 1.5 | 55 |
| 2574 | Alzheimer's disease markers, hypertension, and gray matter damage in normal elderly. Neurobiology of Aging, 2012, 33, 1215-1227. | 1.5 | 61 |
| 2575 | Structural MRI changes detectable up to ten years before clinical Alzheimer's disease. Neurobiology of Aging, 2012, 33, 825.e25-825.e36. | 1.5 | 185 |
| 2576 | Distinctive disruption patterns of white matter tracts in Alzheimer's disease with full diffusion tensor characterization. Neurobiology of Aging, 2012, 33, 2029-2045. | 1.5 | 104 |
| 2577 | White matter lesions and brain gray matter volume in cognitively normal elders. Neurobiology of Aging, 2012, 33, 834.e7-834.e16. | 1.5 | 107 |
| 2578 | Structural brain changes and cognition in relation to markers of vascular dysfunction. Neurobiology of Aging, 2012, 33, 1003.e9-1003.e17. | 1.5 | 47 |
| 2579 | Longitudinal imaging pattern analysis (SPARE-CD index) detects early structural and functional changes before cognitive decline in healthy older adults. Neurobiology of Aging, 2012, 33, 2733-2745. | 1.5 | 31 |
| 2580 | Gray matter network associated with risk for Alzheimer's disease in young to middle-aged adults. Neurobiology of Aging, 2012, 33, 2723-2732. | 1.5 | 81 |
| 2581 | Structural and functional neural correlates of visuospatial information processing in normal aging and amnestic mild cognitive impairment. Neurobiology of Aging, 2012, 33, 2782-2797. | 1.5 | 35 |
| 2582 | Auditory skills and brain morphology predict individual differences in adaptation to degraded speech. Neuropsychologia, 2012, 50, 2154-2164. | 0.7 | 49 |
| 2583 | Accent processing in dementia. Neuropsychologia, 2012, 50, 2233-2244. | 0.7 | 31 |
| 2584 | Structural hemispheric asymmetries in the human precentral gyrus hand representation. Neuroscience, 2012, 210, 211-221. | 1.1 | 28 |
| 2585 | Behavioral and neuroanatomical investigation of Highly Superior Autobiographical Memory (HSAM). Neurobiology of Learning and Memory, 2012, 98, 78-92. | 1.0 | 168 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2586 | Altered white matter integrity of forebrain in treatment-resistant depression: A diffusion tensor imaging study with tract-based spatial statistics. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 38, 201-206. | 2.5 | 71 |
| 2587 | Structural insights into the rodent CNS via diffusion tensor imaging. Trends in Neurosciences, 2012, 35, 412-421. | 4.2 | 62 |
| 2588 | Navigating the Auditory Scene: An Expert Role for the Hippocampus. Journal of Neuroscience, 2012, 32, 12251-12257. | 1.7 | 42 |
| 2589 | Crossâ€sectional and longitudinal abnormalities in brain structure in children with severe mood dysregulation or bipolar disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 1149-1156. | 3.1 | 71 |
| 2590 | Functional Covariance Networks: Obtaining Resting-State Networks from Intersubject Variability. Brain Connectivity, 2012, 2, 203-217. | 0.8 | 40 |
| 2591 | Variational level set combined with Markov random field modeling for simultaneous intensity non-uniformity correction and segmentation of MR images. Journal of Neuroscience Methods, 2012, 209, 280-289. | 1.3 | 22 |
| 2592 | Effect of nonrigid registration algorithms on deformation-based morphometry: a comparative study with control and Williams syndrome subjects. Magnetic Resonance Imaging, 2012, 30, 774-788. | 1.0 | 6 |
| 2593 | ISOMAP induced manifold embedding and its application to Alzheimer's disease and mild cognitive impairment. Neuroscience Letters, 2012, 513, 141-145. | 1.0 | 27 |
| 2594 | Curious monkeys have increased gray matter density in the precuneus. Neuroscience Letters, 2012, 518, 172-175. | 1.0 | 5 |
| 2595 | Identification of brain regions responsible for Alzheimer's disease using a Self-adaptive Resource Allocation Network. Neural Networks, 2012, 32, 313-322. | 3.3 | 47 |
| 2596 | Sex differences in brain volume are related to specific skills, not to general intelligence. Intelligence, 2012, 40, 60-68. | 1.6 | 41 |
| 2597 | Right temporal variant frontotemporal dementia with motor neuron disease. Journal of Clinical Neuroscience, 2012, 19, 85-91. | 0.8 | 20 |
| 2598 | Possible dysregulation of cortical plasticity in auditory verbal hallucinations–A cortical thickness study in schizophrenia. Journal of Psychiatric Research, 2012, 46, 1015-1023. | 1.5 | 40 |
| 2599 | The association between aerobic fitness and executive function is mediated by prefrontal cortex volume. Brain, Behavior, and Immunity, 2012, 26, 811-819. | 2.0 | 276 |
| 2600 | Impact of tryptophan hydroxylase 2 G-703T polymorphism on anger-related personality traits and orbitofrontal cortex. Behavioural Brain Research, 2012, 231, 105-110. | 1.2 | 20 |
| 2601 | Pseudohypacusis in childhood and adolescence is associated with increased gray matter volume in the medial frontal gyrus and superior temporal gyrus. Cortex, 2012, 48, 492-503. | 1.1 | 11 |
| 2602 | Structural plasticity in the language system related to increased second language proficiency. Cortex, 2012, 48, 458-465. | 1.1 | 191 |
| 2603 | The anatomy of cognitive impairment in amyotrophic lateral sclerosis: More than frontal lobe | 1.1 | 97 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2604 | Altered self-referential network in resting-state amnestic type mild cognitive impairment. Cortex, 2012, 48, 604-613. | 1.1 | 44 |
| 2605 | Diffusion tensor tractography indices in patients with frontal lobe injury and its correlation with neuropsychological tests. Clinical Neurology and Neurosurgery, 2012, 114, 564-571. | 0.6 | 28 |
| 2606 | A voxel-based morphometry study comparing problem gamblers, alcohol abusers, and healthy controls. Drug and Alcohol Dependence, 2012, 124, 142-148. | 1.6 | 150 |
| 2607 | Voxel based morphometry of FLAIR MRI in children with intractable focal epilepsy: Implications for surgical intervention. European Journal of Radiology, 2012, 81, 1299-1305. | 1.2 | 22 |
| 2608 | Comparison of grey matter atrophy between patients with neuromyelitis optica and multiple sclerosis: A voxel-based morphometry study. European Journal of Radiology, 2012, 81, e110-e114. | 1.2 | 73 |
| 2609 | Mapping the brain in type II diabetes: Voxel-based morphometry using DARTEL. European Journal of Radiology, 2012, 81, 1870-1876. | 1.2 | 87 |
| 2610 | Correlation between volume and morphological changes in the hippocampal formation in Alzheimer's disease: rounding of the outline of the hippocampal body on coronal MR images. Neuroradiology, 2012, 54, 1079-1087. | 1.1 | 7 |
| 2611 | Neurodegenerative dementias: From MR Physics lab to assessment room. European Physical Journal Plus, 2012, 127, 1. | 1.2 | 4 |
| 2612 | Clinical significance of serological biomarkers and neuropsychological performances in patients with temporal lobe epilepsy. BMC Neurology, 2012, 12, 15. | 0.8 | 36 |
| 2613 | Physiological and neurophysiological determinants of postcancer fatigue: design of a randomized controlled trial. BMC Cancer, 2012, 12, 256. | 1.1 | 8 |
| 2614 | Association of the interleukin 1 beta gene and brain spontaneous activity in amnestic mild cognitive impairment. Journal of Neuroinflammation, 2012, 9, 263. | 3.1 | 23 |
| 2615 | Predictors of remission in depression to individual and combined treatments (PReDICT): study protocol for a randomized controlled trial. Trials, 2012, 13, 106. | 0.7 | 108 |
| 2616 | Regional gray matter correlates of vocational interests. BMC Research Notes, 2012, 5, 242. | 0.6 | 4 |
| 2617 | Anatomical correlates of blepharospasm. Translational Neurodegeneration, 2012, 1, 12. | 3.6 | 36 |
| 2618 | Learning-Related Gray and White Matter Changes in Humans. Neuroscientist, 2012, 18, 320-325. | 2.6 | 88 |
| 2619 | Voxel-based Morphometry of the Visual-related Cortex in Primary Open Angle Glaucoma. Current Eye Research, 2012, 37, 794-802. | 0.7 | 76 |
| 2620 | Correlations between atrophy of the entorhinal cortex and cognitive function in patients with Alzheimer's disease and mild cognitive impairment. Psychiatry and Clinical Neurosciences, 2012, 66, 587-593. | 1.0 | 20 |
| 2621 | Comparison of distance measures for manifold learning: Application to Alzheimer's brain scans. Journal of the Korean Physical Society, 2012, 61, 1148-1155. | 0.3 | 4 |

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| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2622 | A Systematic Review of Diffusion Tensor Imaging Findings in Sports-Related Concussion. Journal of Neurotrauma, 2012, 29, 2521-2538. | 1.7 | 131 |
| 2623 | Characterizing a neurodegenerative syndrome: primary progressive apraxia of speech. Brain, 2012, 135, 1522-1536. | 3.7 | 325 |
| 2624 | Learning about Time: Plastic Changes and Interindividual Brain Differences. Neuron, 2012, 75, 725-737. | 3.8 | 69 |
| 2625 | Macrostructural Alterations of Subcortical Grey Matter in Psychogenic Erectile Dysfunction. PLoS ONE, 2012, 7, e39118. | 1.1 | 38 |
| 2626 | Nonhuman Primate Models of the Motor System. , 2012, , 783-794. | | 0 |
| 2627 | Neuroimaging correlates of pathologically defined subtypes of Alzheimer's disease: a case-control study. Lancet Neurology, The, 2012, 11, 868-877. | 4.9 | 355 |
| 2628 | Cortical Thickness and Folding Deficits in Conduct-Disordered Adolescents. Biological Psychiatry, 2012, 72, 207-214. | 0.7 | 109 |
| 2629 | Cumulative Adversity and Smaller Gray Matter Volume in Medial Prefrontal, Anterior Cingulate, and Insula Regions. Biological Psychiatry, 2012, 72, 57-64. | 0.7 | 292 |
| 2630 | The relationship between TMS measures of functional properties and DTI measures of microstructure of the corticospinal tract. Brain Stimulation, 2012, 5, 297-304. | 0.7 | 31 |
| 2631 | Brain Structure Links Loneliness to Social Perception. Current Biology, 2012, 22, 1975-1979. | 1.8 | 127 |
| 2632 | White matter development in adolescence: The influence of puberty and implications for affective disorders. Developmental Cognitive Neuroscience, 2012, 2, 36-54. | 1.9 | 122 |
| 2633 | Gray-matter volume in methamphetamine dependence: Cigarette smoking and changes with abstinence from methamphetamine. Drug and Alcohol Dependence, 2012, 125, 230-238. | 1.6 | 113 |
| 2634 | Changes in brain gray matter in abstinent heroin addicts. Drug and Alcohol Dependence, 2012, 126, 304-308. | 1.6 | 77 |
| 2635 | Effect of visual experience on structural organization of the human brain: A voxel based morphometric study using DARTEL. European Journal of Radiology, 2012, 81, 2811-2819. | 1.2 | 17 |
| 2636 | Selecting appropriate voxel-based methods for neuroimaging studies. NeuroImage, 2012, 59, 885-886. | 2.1 | 11 |
| 2637 | Automated MR image classification in temporal lobe epilepsy. NeuroImage, 2012, 59, 356-362. | 2.1 | 80 |
| 2638 | How and how not to correct for CSF-contamination in diffusion MRI. NeuroImage, 2012, 59, 1394-1403. | 2.1 | 257 |
| 2639 | Longitudinal loss of gray matter volume in patients with first-episode schizophrenia: DARTEL automated analysis and ROI validation. NeuroImage, 2012, 59, 986-996. | 2.1 | 129 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2640 | Female children with autism spectrum disorder: An insight from mass-univariate and pattern classification analyses. NeuroImage, 2012, 59, 1013-1022. | 2.1 | 95 |
| 2641 | Correlation among body height, intelligence, and brain gray matter volume in healthy children. NeuroImage, 2012, 59, 1023-1027. | 2.1 | 68 |
| 2642 | A generalised framework for super-resolution track-weighted imaging. NeuroImage, 2012, 59, 2494-2503. | 2.1 | 77 |
| 2643 | N-acetylaspartate concentration in corpus callosum is positively correlated with intelligence in adolescents. NeuroImage, 2012, 59, 1058-1064. | 2.1 | 18 |
| 2644 | BEaST: Brain extraction based on nonlocal segmentation technique. Neurolmage, 2012, 59, 2362-2373. | 2.1 | 507 |
| 2645 | FSL. NeuroImage, 2012, 62, 782-790. | 2.1 | 8,804 |
| 2646 | Activation likelihood estimation meta-analysis revisited. NeuroImage, 2012, 59, 2349-2361. | 2.1 | 1,190 |
| 2647 | Nonconscious attention bias to threat is correlated with anterior cingulate cortex gray matter volume: A voxel-based morphometry result and replication. NeuroImage, 2012, 59, 1713-1718. | 2.1 | 46 |
| 2648 | Microstructural white matter abnormalities in type 2 diabetes mellitus: A diffusion tensor imaging study. NeuroImage, 2012, 59, 1098-1105. | 2.1 | 170 |
| 2649 | Regional gray and white matter volume associated with Stroop interference: Evidence from voxel-based morphometry. NeuroImage, 2012, 59, 2899-2907. | 2.1 | 91 |
| 2650 | Apparent Fibre Density: A novel measure for the analysis of diffusion-weighted magnetic resonance images. NeuroImage, 2012, 59, 3976-3994. | 2.1 | 491 |
| 2651 | Simultaneous segmentation and grading of anatomical structures for patient's classification: Application to Alzheimer's disease. NeuroImage, 2012, 59, 3736-3747. | 2.1 | 129 |
| 2652 | Dynamic gray matter changes within cortex and striatum after short motor skill training are associated with their increased functional interaction. NeuroImage, 2012, 59, 3364-3372. | 2.1 | 45 |
| 2653 | Brain connectivity in psychiatric imaging genetics. NeuroImage, 2012, 62, 2250-2260. | 2.1 | 62 |
| 2654 | Automated measurement of local white matter lesion volume. NeuroImage, 2012, 59, 3901-3908. | 2.1 | 14 |
| 2655 | An automated tool for detection of FLAIR-hyperintense white-matter lesions in Multiple Sclerosis. NeuroImage, 2012, 59, 3774-3783. | 2.1 | 972 |
| 2656 | Sleep duration during weekdays affects hippocampal gray matter volume in healthy children. NeuroImage, 2012, 60, 471-475. | 2.1 | 96 |
| 2657 | Neuroimaging of the periaqueductal gray: State of the field. NeuroImage, 2012, 60, 505-522. | 2.1 | 322 |

ARTICLE IF CITATIONS # Postprandial plasma PYY concentrations are associated with increased regional gray matter volume and rCBF declines in caudate nuclei — A combined MRI and H215O PET study. NeuroImage, 2012, 60, 2658 2.1 13 592-600. The NOS1 variant rs6490121 is associated with variation in prefrontal function and grey matter density 2659 2.1 in healthy individuals. NeuroImage, 2012, 60, 614-622. Differential effects of surface area, gyrification and cortical thickness on voxel based morphometric 2660 2.1 112 deficits in schizophrenia. NeuroImage, 2012, 60, 693-699. Brain templates and atlases. NeuroImage, 2012, 62, 911-922. 461 Reduced caudate volume and enhanced striatal-DMN integration in chess experts. NeuroImage, 2012, 60, 2662 2.1 69 1280-1286. Anatomical correlates of dynamic auditory processing: Relationship to literacy during early adolescence. NeuroImage, 2012, 60, 1287-1295. 2663 2.1 16 The role of the left anterior temporal lobe in exception word reading: Reconciling patient and 2664 2.1 38 neuroimaging findings. NeuroImage, 2012, 60, 2000-2007. The correlation between brain gray matter volume and empathizing and systemizing quotients in healthy children. NeuroImage, 2012, 60, 2035-2041. 2.1 2665 69 Morphometric gray matter differences of the medial frontal cortex influence the social Simon effect. NeuroImage, 2012, 61, 1249-1254. 2666 2.1 17 Classification of schizophrenia patients and healthy controls from structural MRI scans in two large 2.1 169 independent samples. NeuroImage, 2012, 61, 606-612. Structural and functional neuroimaging phenotypes in dysbindin mutant mice. NeuroImage, 2012, 62, 2668 2.1 19 120-129. Neuroanatomical correlates of visual car expertise. NeuroImage, 2012, 62, 147-153. 2669 2.1 Multi-scale classification of disease using structural MRI and wavelet transform. NeuroImage, 2012, 2670 2.1 61 62, 48-58. Semiparametric Bayesian local functional models for diffusion tensor tract statistics. NeuroImage, 2671 2.1 2012, 63, 460-474 Benefits of multi-modal fusion analysis on a large-scale dataset: Life-span patterns of inter-subject 2672 2.1 137 variability in cortical morphometry and white matter microstructure. NeuroImage, 2012, 63, 365-380. The impact of aging on gray matter structural covariance networks. NeuroImage, 2012, 63, 754-759. 123 Quantitative mouse brain phenotyping based on single and multispectral MR protocols. NeuroImage, 2674 2.1 31 2012, 63, 1633-1645. Brain maturation: Predicting individual BrainAGE in children and adolescents using structural MRI. 2.1 234 Neurolmage, 2012, 63, 1305-1312.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2676 | A voxel-based morphometry study of gray and white matter correlates of a need for uniqueness. NeuroImage, 2012, 63, 1119-1126. | 2.1 | 37 |
| 2677 | Grey matter volume correlates of cerebrospinal markers of Alzheimer-pathology in Parkinson's disease and related dementia. Parkinsonism and Related Disorders, 2012, 18, 941-947. | 1.1 | 53 |
| 2678 | Neurological soft signs and gray matter changes: A longitudinal analysis in first-episode schizophrenia. Schizophrenia Research, 2012, 134, 27-32. | 1.1 | 69 |
| 2679 | Structural abnormalities in the cuneus associated with Herpes Simplex Virus (type 1) infection in people at ultra high risk of developing psychosis. Schizophrenia Research, 2012, 135, 175-180. | 1.1 | 22 |
| 2680 | MTR abnormalities in subjects at ultra-high risk for schizophrenia and first-episode schizophrenic patients compared to healthy controls. Schizophrenia Research, 2012, 137, 85-90. | 1.1 | 14 |
| 2681 | Cortical–basal ganglia imbalance in schizophrenia patients and unaffected first-degree relatives. Schizophrenia Research, 2012, 138, 120-127. | 1.1 | 40 |
| 2682 | Gray matter atrophy patterns of mild cognitive impairment subtypes. Journal of the Neurological Sciences, 2012, 315, 26-32. | 0.3 | 58 |
| 2683 | Voxelwise meta-analysis of gray matter anomalies in Alzheimer's disease and mild cognitive impairment using anatomic likelihood estimation. Journal of the Neurological Sciences, 2012, 316, 21-29. | 0.3 | 129 |
| 2684 | MRI mean diffusivity detects widespread brain degeneration in multiple sclerosis. Journal of the Neurological Sciences, 2012, 319, 105-110. | 0.3 | 25 |
| 2685 | An investigation of a genomewide supported psychosis variant in ZNF804A and white matter integrity in the human brain. Magnetic Resonance Imaging, 2012, 30, 1373-1380. | 1.0 | 27 |
| 2686 | Characterizing Brain Oxygen Metabolism in Patients with Multiple Sclerosis with <i>T2</i> -Relaxation-Under-Spin-Tagging MRI. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 403-412. | 2.4 | 92 |
| 2687 | Hippocampal atrophy in Alzheimer's disease. Neurodegenerative Disease Management, 2012, 2, 197-209. | 1.2 | 2 |
| 2689 | MRI Evidence: Acute Mountain Sickness Is Not Associated with Cerebral Edema Formation during Simulated High Altitude. PLoS ONE, 2012, 7, e50334. | 1.1 | 27 |
| 2690 | Neuroimaging in frontotemporal lobar degeneration—predicting molecular pathology. Nature Reviews Neurology, 2012, 8, 131-142. | 4.9 | 65 |
| 2691 | PET/MRI for Neurologic Applications. Journal of Nuclear Medicine, 2012, 53, 1916-1925. | 2.8 | 237 |
| 2692 | Grey matter changes associated with medication-overuse headache: Correlations with disease related disability and anxiety. World Journal of Biological Psychiatry, 2012, 13, 517-525. | 1.3 | 96 |
| 2693 | Executive resting-state network connectivity in migraine without aura. Cephalalgia, 2012, 32, 1041-1048. | 1.8 | 122 |
| 2694 | Diffusion MRI of the neonate brain: acquisition, processing and analysis techniques. Pediatric Radiology, 2012, 42, 1169-1182. | 1.1 | 48 |

| # | Article | IF | CITATIONS |
|--------------------------------------|--|-----|--------------------------|
| 2695 | Structural Neuroimaging in Aging and Alzheimer's Disease. Neuroimaging Clinics of North America, 2012, 22, 33-55. | 0.5 | 29 |
| 2697 | Local susceptibility causes diffusion alterations in patients with Alzheimer's disease and mild cognitive impairment. Brain Imaging and Behavior, 2012, 6, 426-436. | 1.1 | 3 |
| 2698 | Voxel and surface-based topography of memory and executive deficits in mild cognitive impairment and Alzheimer's disease. Brain Imaging and Behavior, 2012, 6, 551-567. | 1.1 | 66 |
| 2699 | A Statistical Framework for Inter-Group Image Registration. Neuroinformatics, 2012, 10, 367-378. | 1.5 | 3 |
| 2700 | Association between hippocampal volume and serum adiponectin in patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2012, 61, 1197-1200. | 1.5 | 28 |
| 2701 | Online social network size is reflected in human brain structure. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1327-1334. | 1.2 | 278 |
| 2702 | Multiple Diffusivities Define White Matter Degeneration in Amnestic Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 30, 423-437. | 1.2 | 23 |
| 2703 | Multimodal functional and structural imaging investigations in psychosis research. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 97-106. | 1.8 | 42 |
| 2704 | Identification of faulty DTI-based sub-networks in autism using network regularized SVM. , 2012, , . | | 6 |
| | | | |
| 2705 | Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , . | | 17 |
| 2705 2707 | Functional Neuroimaging in Exercise and Sport Sciences. , 2012, , . Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. | 1.4 | 17 38 |
| | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a | 1.4 | |
| 2707 | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. Brain structural changes and neuropsychological impairments in male polydipsic schizophrenia. BMC | | 38 |
| 2707 2708 | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. Brain structural changes and neuropsychological impairments in male polydipsic schizophrenia. BMC Psychiatry, 2012, 12, 210. Evaluation of different stages of Alzheimer's disease using unsupervised clustering techniques and | | 38 11 |
| 2707 2708 2709 | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. Brain structural changes and neuropsychological impairments in male polydipsic schizophrenia. BMC Psychiatry, 2012, 12, 210. Evaluation of different stages of Alzheimer's disease using unsupervised clustering techniques and voxel based morphometry., 2012, ,. Correlating brain blood oxygenation level dependent (BOLD) fractal dimension mapping with magnetic resonance spectroscopy (MRS) in Alzheimer〙s disease. Magnetic Resonance Materials in Physics, | 1.1 | 38 11 3 |
| 2707 2708 2709 2710 | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. Brain structural changes and neuropsychological impairments in male polydipsic schizophrenia. BMC Psychiatry, 2012, 12, 210. Evaluation of different stages of Alzheimer's disease using unsupervised clustering techniques and voxel based morphometry., 2012, ,. Correlating brain blood oxygenation level dependent (BOLD) fractal dimension mapping with magnetic resonance spectroscopy (MRS) in Alzheimer's disease. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 335-344. | 1.1 | 38 11 3 17 |
| 2707 2708 2709 2710 2711 | Quantitative and qualitative assessment of structural magnetic resonance imaging data in a two-center study. BMC Medical Imaging, 2012, 12, 27. Brain structural changes and neuropsychological impairments in male polydipsic schizophrenia. BMC Psychiatry, 2012, 12, 210. Evaluation of different stages of Alzheimer's disease using unsupervised clustering techniques and voxel based morphometry., 2012, ,. Correlating brain blood oxygenation level dependent (BOLD) fractal dimension mapping with magnetic resonance spectroscopy (MRS) in Alzheimerãe™s disease. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 335-344. Neuropsychiatric Dysfunction in Multiple Sclerosis., 2012,,. | 1.1 | 38 11 3 17 8 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 2715 | Imaging techniques for presurgical evaluation of temporal lobe epilepsy. Imaging in Medicine, 2012, 4, 443-459. | 0.0 | 2 |
| 2716 | Impact of the Genome Wide Supported NRGN Gene on Anterior Cingulate Morphology in Schizophrenia. PLoS ONE, 2012, 7, e29780. | 1.1 | 31 |
| 2717 | Preservation of Auditory P300-Like Potentials in Cortical Deafness. PLoS ONE, 2012, 7, e29909. | 1.1 | 18 |
| 2718 | Changes in the Brain Microstructure of Children with Primary Monosymptomatic Nocturnal Enuresis: A Diffusion Tensor Imaging Study. PLoS ONE, 2012, 7, e31023. | 1.1 | 41 |
| 2719 | Cortical Gyrification and Sulcal Spans in Early Stage Alzheimer's Disease. PLoS ONE, 2012, 7, e31083. | 1.1 | 58 |
| 2720 | Current Self-Reported Symptoms of Attention Deficit/Hyperactivity Disorder Are Associated with Total Brain Volume in Healthy Adults. PLoS ONE, 2012, 7, e31273. | 1.1 | 34 |
| 2721 | The Parametric, Psychological, Neuropsychological, and Neuroanatomical Properties of Self and World Evaluation. PLoS ONE, 2012, 7, e31509. | 1.1 | 3 |
| 2722 | Tensor-Based Morphometry and Stereology Reveal Brain Pathology in the Complexin1 Knockout Mouse. PLoS ONE, 2012, 7, e32636. | 1.1 | 21 |
| 2723 | Morphometry Based on Effective and Accurate Correspondences of Localized Patterns (MEACOLP). PLoS ONE, 2012, 7, e35745. | 1.1 | 3 |
| 2724 | CSF T-Tau/Aβ42 Predicts White Matter Microstructure in Healthy Adults at Risk for Alzheimer's Disease. PLoS ONE, 2012, 7, e37720. | 1.1 | 84 |
| 2725 | Cerebrospinal Fluid Space Alterations in Melancholic Depression. PLoS ONE, 2012, 7, e38299. | 1.1 | 15 |
| 2726 | Characterization of Functional and Structural Integrity in Experimental Focal Epilepsy: Reduced Network Efficiency Coincides with White Matter Changes. PLoS ONE, 2012, 7, e39078. | 1.1 | 59 |
| 2727 | Early Brain Vulnerability in Wolfram Syndrome. PLoS ONE, 2012, 7, e40604. | 1.1 | 77 |
| 2728 | The Influence of Socioeconomic Status on Children's Brain Structure. PLoS ONE, 2012, 7, e42486. | 1.1 | 235 |
| 2729 | Retrosplenial Cortex Codes for Permanent Landmarks. PLoS ONE, 2012, 7, e43620. | 1.1 | 190 |
| 2730 | Investigating Structural Brain Changes of Dehydration Using Voxel-Based Morphometry. PLoS ONE, 2012, 7, e44195. | 1.1 | 134 |
| 2731 | The Prognosis of Allocentric and Egocentric Neglect: Evidence from Clinical Scans. PLoS ONE, 2012, 7, e47821. | 1.1 | 47 |
| 2732 | Different Regional Gray Matter Loss in Recent Onset PTSD and Non PTSD after a Single Prolonged Trauma Exposure. PLoS ONE, 2012, 7, e48298. | 1.1 | 49 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2733 | Anatomical Brain Images Alone Can Accurately Diagnose Chronic Neuropsychiatric Illnesses. PLoS ONE, 2012, 7, e50698. | 1.1 | 70 |
| 2734 | Differential Grey Matter Changes in Sensorimotor Cortex Related to Exceptional Fine Motor Skills. PLoS ONE, 2012, 7, e51900. | 1.1 | 3 |
| 2735 | Structural MRI in Frontotemporal Dementia: Comparisons between Hippocampal Volumetry, Tensor-Based Morphometry and Voxel-Based Morphometry. PLoS ONE, 2012, 7, e52531. | 1.1 | 49 |
| 2736 | The Structural Neural Substrates of Persistent Negative Symptoms in First-Episode of Non-Affective Psychosis: A Voxel-Based Morphometry Study. Frontiers in Psychiatry, 2012, 3, 42. | 1.3 | 38 |
| 2737 | Neuroscientific Applications of High-Field MRI in Humans. Medical Radiology, 2012, , 137-149. | 0.0 | 5 |
| 2738 | Neuroanatomy of Obsessive Compulsive and Related Disorders. , 2012, , . | | 2 |
| 2739 | Widespread Structural and Functional Connectivity Changes in Amyotrophic Lateral Sclerosis: Insights from Advanced Neuroimaging Research. Neural Plasticity, 2012, 2012, 1-13. | 1.0 | 21 |
| 2740 | GOOD or BAD Responder? Behavioural and Neuroanatomical Markers of Clinical Response to Donepezil in Dementia. Behavioural Neurology, 2012, 25, 61-72. | 1.1 | 17 |
| 2741 | Structural Brain Atlases: Design, Rationale, and Applications in Normal and Pathological Cohorts. Journal of Alzheimer's Disease, 2012, 31, S169-S188. | 1.2 | 65 |
| 2742 | Edge Detection from MRI and DTI Images with an Anisotropic Vector Field Flow Using a Divergence Map. Algorithms, 2012, 5, 636-653. | 1.2 | 3 |
| 2743 | The relationship of topographical memory performance to regional neurodegeneration in Alzheimer's disease. Frontiers in Aging Neuroscience, 2012, 4, 17. | 1.7 | 47 |
| 2744 | Neuroanatomical Dissections of Unilateral Visual Neglect Symptoms: ALE Meta-Analysis of Lesion-Symptom Mapping. Frontiers in Human Neuroscience, 2012, 6, 230. | 1.0 | 110 |
| 2745 | Altered negative priming in older subjects: first evidence from behavioral and neural level. Frontiers in Human Neuroscience, 2012, 6, 270. | 1.0 | 5 |
| 2746 | Models of the aging brain structure and individual decline. Frontiers in Neuroinformatics, 2012, 6, 3. | 1.3 | 40 |
| 2747 | Automated measurement of the human corpus callosum using MRI. Frontiers in Neuroinformatics, 2012, 6, 25. | 1.3 | 43 |
| 2748 | The INIA19 Template and NeuroMaps Atlas for Primate Brain Image Parcellation and Spatial Normalization. Frontiers in Neuroinformatics, 2012, 6, 27. | 1.3 | 223 |
| 2749 | Measuring Abnormal Brains: Building Normative Rules in Neuroimaging Using One-Class Support Vector Machines. Frontiers in Neuroscience, 2012, 6, 178. | 1.4 | 17 |
| 2750 | Cortico-limbic morphology separates tinnitus from tinnitus distress. Frontiers in Systems Neuroscience, 2012, 6, 21. | 1.2 | 131 |

ARTICLE IF CITATIONS # ADHD diagnosis from multiple data sources with batch effects. Frontiers in Systems Neuroscience, 2751 1.2 17 2012, 6, 70. Brain Development in Childhood. Open Neuroimaging Journal, 2012, 6, 103-110. 0.2 Grey Matter and Cognitive Patterns in Cognitive Impaired Subjects Using CSF Biomarker Cut-Offs. 2753 1.2 1 Journal of Alzheimer's Disease, 2012, 29, 741-749. Cerebellar regions involved in adaptation to force field and visuomotor perturbation. Journal of 2754 0.9 164 Neurophysiology, 2012, 107, 134-147. Sex Differences in White Matter Alterations Accompanying Obstructive Sleep Apnea. Sleep, 2012, 35, 2755 0.6 70 1603-1613. Neuroimaging in Fragile X-Associated., 2012,,. 2757 MRI Techniques and New Animal Models for Imaging the Brain., 2012,,. 2 Quantitative fiber bundle-based analysis of diffusion-weighted MRI data. Biomedizinische Technik, 2012, 2758 Striatal Volume Increases in Active Methamphetamine-Dependent Individuals and Correlation with 2759 1.1 45 Cognitive Performance. Brain Sciences, 2012, 2, 553-572. Influence of Signal Intensity Non-Uniformity on Brain Volumetry Using an Atlas-Based Method. Korean 2760 1.5 Journal of Radiology, 2012, 13, 391. Anatomical Correlates of Interlocking Pentagon Drawing. Dementia and Neurocognitive Disorders, 2761 2 0.4 2012, 11, 141. Brain correlates of musical and facial emotion recognition: Evidence from the dementias. Neuropsychologia, 2012, 50, 1814-1822. Increased gray matter density in patients with schizophrenia and cannabis use: A voxel-based 2764 1.1 23 morphometric study using DARTEL. Schizophrenia Research, 2012, 138, 183-187. Applications of arterial spin labeled MRI in the brain. Journal of Magnetic Resonance Imaging, 2012, 35, 2765 1.9 272 1026-1037. Magnetic resonance imaging of the substantia nigra in Parkinson's disease. Movement Disorders, 2012, 2766 2.2 80 27, 822-830. The role of gray and white matter segmentation in quantitative proton MR spectroscopic imaging. 2767 NMR in Biomedicine, 2012, 25, 1392-1400. Gender differences in brain functional connectivity density. Human Brain Mapping, 2012, 33, 849-860. 2768 1.9 251Longitudinal gray matter changes in multiple sclerosisâ€"Differential scanner and overall 2769 diseaseâ€related effects. Human Brain Mapping, 2012, 33, 1225-1245.

ARTICLE IF CITATIONS Damage to the cingulum contributes to alzheimer's disease pathophysiology by deafferentation 1.9 91 2770 mechanism. Human Brain Mapping, 2012, 33, 1295-1308. Brain structure anomalies in autism spectrum disorder—a metaâ€analysis of VBM studies using anatomic 2771 1.9 251 likelihood estimation. Human Brain Mapping, 2012, 33, 1470-1489. Quantifying change in individual subjects affected by frontotemporal lobar degeneration using 2772 1.9 28 automated longitudinal MRI volumetry. Human Brain Mapping, 2012, 33, 1526-1535. Abnormal asymmetry of white matter integrity in schizophrenia revealed by voxelwise diffusion 2773 1.9 tensor imaging. Human Brain Mapping, 2012, 33, 1741-1749. Associations among parenting experiences during childhood and adolescence, hypothalamusâ€pituitaryâ€adrenal axis hypoactivity, and hippocampal gray matter volume reduction in 2774 1.9 17 young adults. Human Brain Mapping, 2012, 33, 2211-2223. 2775 Brain structural trajectories over the adult lifespan. Human Brain Mapping, 2012, 33, 2377-2389. 199 Assessment of cortical degeneration in patients with Parkinson's disease by voxelâ€based morphometry, 2776 1.9 184 cortical folding, and cortical thickness. Human Brain Mapping, 2012, 33, 2521-2534. Unbiased comparison of sample size estimates from longitudinal structural measures in ADNI. Human 1.9 Brain Mapping, 2012, 33, 2586-2602. Dynamically changing effects of corticosteroids on human hippocampal and prefrontal processing. 2778 1.9 66 Human Brain Mapping, 2012, 33, 2885-2897. Considering the role of semantic memory in episodic future thinking: evidence from semantic 2779 dementia. Brain, 2012, 135, 2178-2191. Structural correlates of cognitive domains in normal aging with diffusion tensor imaging. Brain 2780 1.2 84 Structure and Function, 2012, 217, 503-515. Grey matter volume alterations in CADASIL: a voxel-based morphometry study. Journal of Headache and 2781 Pain, 2012, 13, 231-238. Annual Research Review: Progress in using brain morphometry as a clinical tool for diagnosing psychiatric disorders. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 2782 3.1 18 519-535. Clinical and imaging features of Othello's syndrome. European Journal of Neurology, 2012, 19, 38-46. 2783 1.7 Voxelâ€wise metaâ€analysis of gray matter abnormalities in idiopathic Parkinson's disease. European 2784 104 1.7 Journal of Neurology, 2012, 19, 199-206. Subtypes of medial temporal lobe epilepsy: Influence on temporal lobectomy outcomes?. Epilepsia, 2012, 53, 1-6. 2785 79 Neuroanatomic correlates of psychogenic nonepileptic seizures: A cortical thickness and VBM study. 2786 2.6 140 Epilepsia, 2012, 53, 377-385. It was the best of times, it was the worst of times: A psychophysiologist's view of cognitive aging. 2787 1.2 Psychophysiology, 2012, 49, 283-304.

| | | | 2 |
|------|---|-----|-----------|
| # | | IF | CITATIONS |
| 2788 | BDNF Val66Met genotype modulates the effect of childhood adversity on subgenual anterior cingulate cortex volume in healthy subjects. Molecular Psychiatry, 2012, 17, 597-603. | 4.1 | 106 |
| 2789 | Hippocampal atrophy in temporal lobe epilepsy: the â€~generator' and â€~receiver'. Acta Neurologica Scandinavica, 2012, 125, 105-110. | 1.0 | 9 |
| 2790 | Structural and functional evaluation of cortical motor areas in Amyotrophic Lateral Sclerosis. Experimental Neurology, 2012, 234, 169-180. | 2.0 | 70 |
| 2791 | Evaluation of the screening power of Cognitive Abilities Screening Instrument for probable Alzheimer's disease using voxel-based morphometry. Clinical Imaging, 2012, 36, 46-53. | 0.8 | 3 |
| 2792 | Dividing the self: Distinct neural substrates of task-based and automatic self-prioritization after brain damage. Cognition, 2012, 122, 150-162. | 1.1 | 32 |
| 2793 | Segmentation of multiple sclerosis lesions in brain MRI: A review of automated approaches. Information Sciences, 2012, 186, 164-185. | 4.0 | 182 |
| 2794 | Gray matter abnormalities in Major Depressive Disorder: A meta-analysis of voxel based morphometry studies. Journal of Affective Disorders, 2012, 138, 9-18. | 2.0 | 638 |
| 2795 | Gray matter abnormalities in patients with premenstrual dysphoric disorder: An optimized voxel-based morphometry. Journal of Affective Disorders, 2012, 140, 260-267. | 2.0 | 33 |
| 2796 | Connectivity disruptions in resting-state functional brain networks in children with temporal lobe epilepsy. Epilepsy Research, 2012, 100, 168-178. | 0.8 | 47 |
| 2797 | Cortical thickness analysis and optimized voxel-based morphometry in children and adolescents with prelingually profound sensorineural hearing loss. Brain Research, 2012, 1430, 35-42. | 1.1 | 54 |
| 2798 | Abnormal gray matter aging in chronic pain patients. Brain Research, 2012, 1456, 82-93. | 1.1 | 74 |
| 2799 | Cognitive and clinical characteristics of patients with amyotrophic lateral sclerosis carrying a C9orf72 repeat expansion: a population-based cohort study. Lancet Neurology, The, 2012, 11, 232-240. | 4.9 | 493 |
| 2800 | A Comparison of Gray Matter Density in Restless Legs Syndrome Patients and Matched Controls Using Voxelâ€Based Morphometry. Journal of Neuroimaging, 2012, 22, 28-32. | 1.0 | 35 |
| 2801 | Decrease in Cerebral and Cerebellar Gray Matter in Essential Tremor: A Voxelâ€Based Morphometric Analysis under 3T MRI. Journal of Neuroimaging, 2012, 22, 275-278. | 1.0 | 90 |
| 2802 | Neocortical Atrophy in Machadoâ€Joseph Disease: A Longitudinal Neuroimaging Study. Journal of Neuroimaging, 2012, 22, 285-291. | 1.0 | 73 |
| 2803 | Calorie restriction reduces psychological stress reactivity and its association with brain volume and microstructure in aged rhesus monkeys. Psychoneuroendocrinology, 2012, 37, 903-916. | 1.3 | 36 |
| 2804 | Cortical surface mapping using topology correction, partial flattening and 3D shape context-based non-rigid registration for use in quantifying atrophy in Alzheimer's disease. Journal of Neuroscience Methods, 2012, 205, 96-109. | 1.3 | 17 |
| 2805 | Correlating 3T MRI and histopathology in patients undergoing epilepsy surgery. Journal of Neuroscience Methods, 2012, 205, 182-189. | 1.3 | 28 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2806 | An accurate skull stripping method based on simplex meshes and histogram analysis for magnetic resonance images. Journal of Neuroscience Methods, 2012, 206, 103-119. | 1.3 | 61 |
| 2807 | New methods for MRI denoising based on sparseness and self-similarity. Medical Image Analysis, 2012, 16, 18-27. | 7.0 | 224 |
| 2808 | Consistent segmentation using a Rician classifier. Medical Image Analysis, 2012, 16, 524-535. | 7.0 | 26 |
| 2809 | Subject-specific changes in brain white matter on diffusion tensor imaging after sports-related concussion. Magnetic Resonance Imaging, 2012, 30, 171-180. | 1.0 | 248 |
| 2810 | Voxel- and atlas-based analysis of diffusion tensor imaging may reveal focal axonal injuries in mild traumatic brain injury — comparison with diffuse axonal injury. Magnetic Resonance Imaging, 2012, 30, 496-505. | 1.0 | 61 |
| 2811 | Neural bases of childhood speech disorders: Lateralization and plasticity for speech functions during development. Neuroscience and Biobehavioral Reviews, 2012, 36, 439-458. | 2.9 | 64 |
| 2812 | A meta-analysis of voxel-based morphometry studies of white matter volume alterations in Alzheimer's disease. Neuroscience and Biobehavioral Reviews, 2012, 36, 757-763. | 2.9 | 85 |
| 2813 | Distinct critical cerebellar subregions for components of verbal working memory. Neuropsychologia, 2012, 50, 189-197. | 0.7 | 55 |
| 2814 | A new paradigm to compare a subject to a statistical model. Application to the detection of skull abnormalities. Pattern Recognition Letters, 2012, 33, 1309-1315. | 2.6 | 2 |
| 2815 | Structural studies of the hypothalamus and its nuclei in mood disorders. Psychiatry Research - Neuroimaging, 2012, 201, 1-9. | 0.9 | 38 |
| 2816 | Neural correlates of autobiographical memory in amnestic Mild Cognitive Impairment. Psychiatry Research - Neuroimaging, 2012, 201, 159-167. | 0.9 | 8 |
| 2817 | Voxel-based analysis of regional gray and white matter concentration in high myopia. Vision Research, 2012, 58, 45-50. | 0.7 | 19 |
| 2818 | On the Construction of Topology-Preserving Deformation Fields. IEEE Transactions on Image Processing, 2012, 21, 1587-1599. | 6.0 | 8 |
| 2819 | Generative-Discriminative Basis Learning for Medical Imaging. IEEE Transactions on Medical Imaging, 2012, 31, 51-69. | 5.4 | 63 |
| 2820 | Registration of Images With Varying Topology Using Embedded Maps. IEEE Transactions on Medical Imaging, 2012, 31, 749-765. | 5.4 | 14 |
| 2821 | TwinMARM: Two-Stage Multiscale Adaptive Regression Methods for Twin Neuroimaging Data. IEEE Transactions on Medical Imaging, 2012, 31, 1100-1112. | 5.4 | 15 |
| 2822 | Voxelâ€based morphometry in patients with obsessiveâ€compulsive behaviors in behavioral variant frontotemporal dementia. European Journal of Neurology, 2012, 19, 911-917. | 1.7 | 46 |
| 2823 | Neuroanatomical correlates of the progressive supranuclear palsy corticobasal syndrome hybrid. European Journal of Neurology, 2012, 19, 1440-1446. | 1.7 | 20 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2824 | Grey matter differences in bipolar disorder: a metaâ€analysis of voxelâ€based morphometry studies. Bipolar Disorders, 2012, 14, 135-145. | 1.1 | 243 |
| 2825 | Hippocampal volumes in bipolar disorders: opposing effects of illness burden and lithium treatment. Bipolar Disorders, 2012, 14, 261-270. | 1.1 | 99 |
| 2826 | Structural and behavioral correlates of abnormal encoding of money value in the sensorimotor striatum in cocaine addiction. European Journal of Neuroscience, 2012, 36, 2979-2988. | 1.2 | 43 |
| 2827 | Lateral frontal cortex volume reduction in Tourette syndrome revealed by VBM. BMC Neuroscience, 2012, 13, 17. | 0.8 | 37 |
| 2828 | Structural Magnetic Resonance Imaging in Eating Disorders: A Systematic Review of Voxelâ€Based Morphometry Studies. European Eating Disorders Review, 2012, 20, 94-105. | 2.3 | 115 |
| 2829 | Longitudinal <i>inter</i> ―and <i>intra</i> â€individual human brain metabolic quantification over 3 years with proton MR spectroscopy at 3 T. Magnetic Resonance in Medicine, 2012, 67, 27-33. | 1.9 | 29 |
| 2830 | Structural changes of the brain in rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 371-379. | 6.7 | 95 |
| 2831 | A Library of Cortical Morphology Analysis Tools to Study Development, Aging and Genetics of Cerebral Cortex. Neuroinformatics, 2012, 10, 81-96. | 1.5 | 43 |
| 2832 | Factors affecting brain structure in men with HIV disease in the post-HAART era. Neuroradiology, 2012, 54, 113-121. | 1.1 | 117 |
| 2833 | Hippocampal atrophy as a surrogate of neuronal involvement in Fabry disease. Journal of Inherited Metabolic Disease, 2012, 35, 363-367. | 1.7 | 25 |
| 2834 | A Two Stage Sequential Ensemble Applied to the Classification of Alzheimer's Disease Based on MRI Features. Neural Processing Letters, 2012, 35, 1-12. | 2.0 | 34 |
| 2835 | Classification of schizophrenia using feature-based morphometry. Journal of Neural Transmission, 2012, 119, 395-404. | 1.4 | 56 |
| 2836 | Evidence of diffuse damage in frontal and occipital cortex in the brain of patients with post-traumatic stress disorder. Neurological Sciences, 2012, 33, 59-68. | 0.9 | 51 |
| 2837 | Neuroimaging in cluster headache and other trigeminal autonomic cephalalgias. Journal of Headache and Pain, 2012, 13, 11-20. | 2.5 | 28 |
| 2838 | Repeatability of Measured Brain Volume by Atlas-Based Method Using T1-Weighted Image. Journal of Digital Imaging, 2012, 25, 173-178. | 1.6 | 5 |
| 2839 | Widespread cortical and subcortical brain atrophy in Parkinson's disease with excessive daytime sleepiness. Journal of Neurology, 2012, 259, 318-326. | 1.8 | 44 |
| 2840 | Comparison of entorhinal cortex atrophy between earlyâ€onset and lateâ€onset Alzheimer's disease using the VSRAD, a specific and sensitive voxelâ€based morphometry. International Journal of Geriatric Psychiatry, 2013, 28, 372-376. | 1.3 | 14 |
| 2841 | Common structural correlates of trait impulsiveness and perceptual reasoning in adolescence. Human Brain Mapping, 2013, 34, 374-383. | 1.9 | 38 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2842 | Corpus callosum damage predicts disability progression and cognitive dysfunction in primaryâ€progressive MS after five years. Human Brain Mapping, 2013, 34, 1163-1172. | 1.9 | 45 |
| 2843 | Linear and curvilinear correlations of brain white matter volume, fractional anisotropy, and mean diffusivity with age using voxelâ€based and regionâ€ofâ€interest analyses in 246 healthy children. Human Brain Mapping, 2013, 34, 1842-1856. | 1.9 | 57 |
| 2844 | Linear and curvilinear correlations of brain gray matter volume and density with age using voxelâ€based morphometry with the Akaike information criterion in 291 healthy children. Human Brain Mapping, 2013, 34, 1857-1871. | 1.9 | 25 |
| 2845 | Dynamic brain structural changes after left hemisphere subcortical stroke. Human Brain Mapping, 2013, 34, 1872-1881. | 1.9 | 81 |
| 2846 | A longitudinal study of age- and gender-related annual rate of volume changes in regional gray matter in healthy adults. Human Brain Mapping, 2013, 34, 2292-2301. | 1.9 | 46 |
| 2847 | Correlation between high-sensitivity C-reactive protein and brain gray matter volume in healthy elderly subjects. Human Brain Mapping, 2013, 34, 2418-2424. | 1.9 | 41 |
| 2848 | Altered white matter connectivity in never-medicated patients with schizophrenia. Human Brain Mapping, 2013, 34, 2353-2365. | 1.9 | 60 |
| 2849 | Prolonged rock climbing activity induces structural changes in cerebellum and parietal lobe. Human Brain Mapping, 2013, 34, 2707-2714. | 1.9 | 40 |
| 2850 | The five factors of personality and regional cortical variability in the baltimore longitudinal study of aging. Human Brain Mapping, 2013, 34, 2829-2840. | 1.9 | 144 |
| 2851 | Structural abnormalities in the dyslexic brain: A metaâ€analysis of voxelâ€based morphometry studies. Human Brain Mapping, 2013, 34, 3055-3065. | 1.9 | 203 |
| 2852 | Cerebral blood flow and gray matter volume covariance patterns of cognition in aging. Human Brain Mapping, 2013, 34, 3267-3279. | 1.9 | 43 |
| 2853 | A longitudinal study of the relationship between personality traits and the annual rate of volume changes in regional gray matter in healthy adults. Human Brain Mapping, 2013, 34, 3347-3353. | 1.9 | 47 |
| 2854 | Executive performance is related to regional gray matter volume in healthy older individuals. Human Brain Mapping, 2013, 34, 3333-3346. | 1.9 | 38 |
| 2855 | Can complex visual discrimination deficits in amnesia be attributed to the medial temporal lobe? An investigation into the effects of medial temporal lobe damage on brain connectivity. Hippocampus, 2013, 23, 7-13. | 0.9 | 15 |
| 2856 | Structural and functional abnormalities in migraine patients without aura. NMR in Biomedicine, 2013, 26, 58-64. | 1.6 | 157 |
| 2857 | Postoperative increase in grey matter volume in visual cortex after unilateral cataract surgery. Acta Ophthalmologica, 2013, 91, 58-65. | 0.6 | 23 |
| 2858 | 25 years of neuroimaging in amyotrophic lateral sclerosis. Nature Reviews Neurology, 2013, 9, 513-524. | 4.9 | 93 |
| 2859 | Brain involvement in Alström syndrome. Orphanet Journal of Rare Diseases, 2013, 8, 24. | 1.2 | 15 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2860 | Harnessing graphics processing units for improved neuroimaging statistics. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 587-597. | 1.0 | 3 |
| 2861 | Posterior cortical atrophy and Alzheimer's disease: a meta-analytic review of neuropsychological and brain morphometry studies. Brain Imaging and Behavior, 2013, 7, 353-361. | 1.1 | 36 |
| 2862 | Diffeomorphic Anatomical Registration Through Exponentiated Lie Algebra provides reduced effect of scanner for cortex volumetry with atlas-based method in healthy subjects. Neuroradiology, 2013, 55, 869-875. | 1.1 | 95 |
| 2863 | Correlation between pulmonary function and brain volume in healthy elderly subjects. Neuroradiology, 2013, 55, 689-695. | 1.1 | 14 |
| 2864 | Diffusion tensor imaging and brain volumetry in Fabry disease patients. Neuroradiology, 2013, 55, 551-558. | 1.1 | 35 |
| 2865 | Discrimination of dementia with Lewy bodies from Alzheimer's disease using voxel-based morphometry of white matter by statistical parametric mapping 8 plus diffeomorphic anatomic registration through exponentiated Lie algebra. Neuroradiology, 2013, 55, 559-566. | 1.1 | 35 |
| 2866 | Towards automated detection of depression from brain structural magnetic resonance images. Neuroradiology, 2013, 55, 567-584. | 1.1 | 17 |
| 2867 | Bilateral pre- and postcentral gyrus volume positively correlates with T2-SNR of putamen in healthy adults. Neuroradiology, 2013, 55, 245-250. | 1.1 | 3 |
| 2868 | Neuroimaging of dementia in 2013: what radiologists need to know. European Radiology, 2013, 23, 3393-3404. | 2.3 | 27 |
| 2869 | Atlas-Based Neuroinformatics via MRI: Harnessing Information from Past Clinical Cases and Quantitative Image Analysis for Patient Care. Annual Review of Biomedical Engineering, 2013, 15, 71-92. | 5.7 | 49 |
| 2870 | Neuroimaging of Movement Disorders. , 2013, , . | | 1 |
| 2871 | Progressive Multiple Sclerosis. , 2013, , . | | 0 |
| 2873 | Reduced limbic metabolism and fronto-cortical volume in rats vulnerable to alcohol addiction. Neurolmage, 2013, 69, 112-119. | 2.1 | 36 |
| 2874 | Perfumers' expertise induces structural reorganization in olfactory brain regions. NeuroImage, 2013, 68, 55-62. | 2.1 | 78 |
| 2875 | Hippocampal Network Connectivity and Activation Differentiates Post-Traumatic Stress Disorder From Generalized Anxiety Disorder. Neuropsychopharmacology, 2013, 38, 1889-1898. | 2.8 | 190 |
| 2876 | Globally and Locally Reduced MRI Gray Matter Volumes in Neuroleptic-Naive Men With Schizotypal Personality Disorder. JAMA Psychiatry, 2013, 70, 361. | 6.0 | 35 |
| 2877 | A Diffeomorphic Mapping Based Characterization of Temporal Sequences: Application to the Pelvic Organ Dynamics Assessment. Journal of Mathematical Imaging and Vision, 2013, 47, 151-164. | 0.8 | 7 |
| 2878 | Anorexia nervosa is linked to reduced brain structure in reward and somatosensory regions: a meta-analysis of VBM studies. BMC Psychiatry, 2013, 13, 110. | 1.1 | 155 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2879 | Imaging the Brain in Autism. , 2013, , . | | 20 |
| 2880 | The anatomical basis of dystonia: Current view using neuroimaging. Movement Disorders, 2013, 28, 944-957. | 2.2 | 161 |
| 2881 | Cortical thinning in young psychosis and bipolar patients correlate with common neurocognitive deficits. International Journal of Bipolar Disorders, 2013, 1, 3. | 0.8 | 32 |
| 2882 | Gray matter alteration in isolated congenital anosmia patient: a voxel-based morphometry study. European Archives of Oto-Rhino-Laryngology, 2013, 270, 2569-2573. | 0.8 | 15 |
| 2883 | PRoNTo: Pattern Recognition for Neuroimaging Toolbox. Neuroinformatics, 2013, 11, 319-337. | 1.5 | 367 |
| 2884 | Impact of a multi-nutrient diet on cognition, brain metabolism, hemodynamics, and plasticity in apoE4 carrier and apoE knockout mice. Brain Structure and Function, 2013, 219, 1841-68. | 1.2 | 27 |
| 2885 | Microvascular cerebral blood volume changes in aging APPswe/PS1dE9 AD mouse model: a voxel-wise approach. Brain Structure and Function, 2013, 218, 1085-1098. | 1.2 | 23 |
| 2886 | Brain structures associated with executive functions during everyday events in a non-clinical sample. Brain Structure and Function, 2013, 218, 1017-1032. | 1.2 | 79 |
| 2887 | Gray Matter Reduction in the Vermis and CRUS-II Is Associated with Social and Interaction Deficits in Low-Functioning Children with Autistic Spectrum Disorders: a VBM-DARTEL Study. Cerebellum, 2013, 12, 676-685. | 1.4 | 72 |
| 2888 | Genetic Variation in Ataxia Gene ATXN7 Influences Cerebellar Grey Matter Volume in Healthy Adults. Cerebellum, 2013, 12, 390-395. | 1.4 | 5 |
| 2889 | Neuroanatomical Correlates of Depression in Friedreich's Ataxia: a Voxel-Based Morphometry Study. Cerebellum, 2013, 12, 429-436. | 1.4 | 20 |
| 2890 | Gray matter atrophy in progressive supranuclear palsy: meta-analysis of voxel-based morphometry studies. Neurological Sciences, 2013, 34, 1049-1055. | 0.9 | 31 |
| 2891 | Reduced thalamic volume in men with antisocial personality disorder or schizophrenia and a history of serious violence and childhood abuse. European Psychiatry, 2013, 28, 225-234. | 0.1 | 48 |
| 2892 | Neuroanatomy of auditory verbal hallucinations in schizophrenia: A quantitative meta-analysis of voxel-based morphometry studies. Cortex, 2013, 49, 1046-1055. | 1.1 | 187 |
| 2893 | Central Mechanisms of Pain Revealed Through Functional and Structural MRI. Journal of NeuroImmune Pharmacology, 2013, 8, 518-534. | 2.1 | 285 |
| 2894 | Grey and white matter abnormalities in minimal hepatic encephalopathy: a study combining voxel-based morphometry and tract-based spatial statistics. European Radiology, 2013, 23, 3370-3378. | 2.3 | 38 |
| 2895 | Interleukin-8 and interleukin-10, brain volume and microstructure, and the influence of calorie restriction in old rhesus macaques. Age, 2013, 35, 2215-2227. | 3.0 | 54 |
| 2896 | Dietary intake of eicosapentaenoic and docosahexaenoic acids is linked to gray matter volume and cognitive function in elderly. Age, 2013, 35, 1495-1505. | 3.0 | 83 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2897 | Effect of Bcl-2 rs956572 SNP on regional gray matter volumes and cognitive function in elderly males without dementia. Age, 2013, 35, 343-352. | 3.0 | 12 |
| 2898 | Detection of onset of Alzheimer's disease from MRI images using a GA-ELM-PSO classifier. , 2013, , . | | 20 |
| 2899 | The Functional and Structural Neural Basis of Individual Differences in Loss Aversion. Journal of Neuroscience, 2013, 33, 14307-14317. | 1.7 | 153 |
| 2900 | Dimensionality reduced cortical features and their use in predicting longitudinal changes in Alzheimer's disease. Neuroscience Letters, 2013, 550, 17-22. | 1.0 | 24 |
| 2901 | Cortical thickness determination of the human brain using high resolution 3T and 7T MRI data. NeuroImage, 2013, 70, 122-131. | 2.1 | 113 |
| 2902 | NEUROANATOMIC ABNORMALITIES IN ADOLESCENTS WITH GENERALIZED ANXIETY DISORDER: A VOXEL-BASED MORPHOMETRY STUDY. Depression and Anxiety, 2013, 30, 842-848. | 2.0 | 85 |
| 2903 | Regularized logistic discrimination with basis expansions for the early detection of Alzheimer's disease based on three-dimensional MRI data. Advances in Data Analysis and Classification, 2013, 7, 109-119. | 0.9 | 6 |
| 2904 | Impact of early vs. late childhood early life stress on brain morphometrics. Brain Imaging and Behavior, 2013, 7, 196-203. | 1.1 | 134 |
| 2905 | Assessing the mechanism of response in the retrosplenial cortex of good and poor navigators. Cortex, 2013, 49, 2904-2913. | 1.1 | 76 |
| 2906 | Money for nothing — Atrophy correlates of gambling decision making in behavioural variant frontotemporal dementia and Alzheimer's disease. NeuroImage: Clinical, 2013, 2, 263-272. | 1.4 | 36 |
| 2907 | The hippocampus extrapolates beyond the view in scenes: AnÂfMRI study of boundary extension. Cortex, 2013, 49, 2067-2079. | 1.1 | 62 |
| 2908 | A meta-analysis of voxel-based morphometry studies on gray matter volume alteration in juvenile myoclonic epilepsy. Epilepsy Research, 2013, 106, 370-377. | 0.8 | 36 |
| 2909 | Elucidating neuroanatomical alterations in the at risk mental state and first episode psychosis: A combined voxel-based morphometry and voxel-based cortical thickness study. Schizophrenia Research, 2013, 150, 505-511. | 1.1 | 29 |
| 2910 | MRI investigation of the sensorimotor cortex and the corticospinal tract after acute spinal cord injury: a prospective longitudinal study. Lancet Neurology, The, 2013, 12, 873-881. | 4.9 | 239 |
| 2911 | Frontal gray matter reduction after breast cancer chemotherapy and association with executive symptoms: A replication and extension study. Brain, Behavior, and Immunity, 2013, 30, S117-S125. | 2.0 | 168 |
| 2912 | Epilepsy as progressive disorders: What is the evidence that can guide our clinical decisions and how can neuroimaging help?. Epilepsy and Behavior, 2013, 26, 313-321. | 0.9 | 33 |
| 2913 | Structural and functional cortical disconnection in Alzheimer's disease: A combined study using diffusion tensor imaging and transcranial magnetic stimulation. Psychiatry Research - Neuroimaging, 2013, 212, 192-200. | 0.9 | 22 |
| 2914 | Gender versus brain size effects on subcortical gray matter volumes in the human brain. Neuroscience Letters, 2013, 556, 79-83. | 1.0 | 18 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2915 | Fronto-striatal atrophy correlates of inhibitory dysfunction in Parkinson's disease versus behavioural variant frontotemporal dementia. Cortex, 2013, 49, 1833-1843. | 1.1 | 71 |
| 2916 | Thalamic medial dorsal nucleus atrophy in medial temporal lobe epilepsy: A VBM meta-analysis. NeuroImage: Clinical, 2013, 2, 25-32. | 1.4 | 59 |
| 2917 | Common and distinct neural mechanisms of visual and tactile extinction: A large scale VBM study in sub-acute stroke. NeuroImage: Clinical, 2013, 2, 291-302. | 1.4 | 19 |
| 2918 | Accurate multimodal probabilistic prediction of conversion to Alzheimer's disease in patients with mild cognitive impairment. NeuroImage: Clinical, 2013, 2, 735-745. | 1.4 | 209 |
| 2919 | A Systematic Review and Meta-Analysis of Magnetic Resonance Imaging Studies in Late-Life Depression. American Journal of Geriatric Psychiatry, 2013, 21, 184-195. | 0.6 | 171 |
| 2920 | Testosterone in the brain: Neuroimaging findings and the potential role for neuropsychopharmacology. European Neuropsychopharmacology, 2013, 23, 79-88. | 0.3 | 66 |
| 2921 | Aluminum Involvement in the Progression of Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 7-43. | 1.2 | 101 |
| 2922 | Comparison between brain <scp>CT</scp> and <scp>MRI</scp> for voxelâ€based morphometry of <scp>A</scp> lzheimer's disease. Brain and Behavior, 2013, 3, 487-493. | 1.0 | 34 |
| 2923 | Identification of an atypical variant of logopenic progressive aphasia. Brain and Language, 2013, 127, 139-144. | 0.8 | 49 |
| 2924 | The role of the left putamen in multilingual language production. Brain and Language, 2013, 125, 307-315. | 0.8 | 148 |
| 2925 | The structure of the corpus callosum in obsessive compulsive disorder. European Psychiatry, 2013, 28, 499-506. | 0.1 | 17 |
| 2926 | Gray matter volume in major depressive disorder: A meta-analysis of voxel-based morphometry studies. Psychiatry Research - Neuroimaging, 2013, 211, 37-46. | 0.9 | 160 |
| 2927 | Track-weighted functional connectivity (TW-FC): A tool for characterizing the structural–functional connections in the brain. NeuroImage, 2013, 70, 199-210. | 2.1 | 40 |
| 2928 | Effects of working memory training on functional connectivity and cerebral blood flow during rest. Cortex, 2013, 49, 2106-2125. | 1.1 | 133 |
| 2929 | Statistical analysis of brain tissue images in the wavelet domain: Wavelet-based morphometry. NeuroImage, 2013, 72, 214-226. | 2.1 | 16 |
| 2930 | Localized grey matter atrophy in multiple sclerosis: A meta-analysis of voxel-based morphometry studies and associations with functional disability. Neuroscience and Biobehavioral Reviews, 2013, 37, 819-830. | 2.9 | 102 |
| 2931 | Beyond the lesion: neuroimaging foundations for post-stroke recovery. Future Neurology, 2013, 8, 507-527. | 0.9 | 29 |
| 2932 | Mediterranean diet habits in older individuals: Associations with cognitive functioning and brain volumes. Experimental Gerontology, 2013, 48, 1443-1448. | 1.2 | 115 |

ARTICLE

IF CITATIONS

2933 Diffusion Tensor Imaging in Idiopathic Parkinson's Disease and Multisystem Atrophy (Parkinsonian) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50

| 2934 | Analytic estimation of statistical significance maps for support vector machine based multi-variate image analysis and classification. NeuroImage, 2013, 78, 270-283. | 2.1 | 100 |
|------|--|------|-----|
| 2935 | A Surface-based Analysis of Language Lateralization and Cortical Asymmetry. Journal of Cognitive Neuroscience, 2013, 25, 1477-1492. | 1.1 | 188 |
| 2936 | The orbitofrontal cortex is involved in emotional enhancement of memory: evidence from the dementias. Brain, 2013, 136, 2992-3003. | 3.7 | 64 |
| 2937 | Structural Magnetic Resonance Imaging as a Biomarker for the Diagnosis, Progression, and Treatment of Alzheimer Disease. , 2013, , 87-129. | | 1 |
| 2938 | Quantifying the local tissue volume and composition in individual brains with magnetic resonance imaging. Nature Medicine, 2013, 19, 1667-1672. | 15.2 | 261 |
| 2939 | Voxel-based population analysis for correlating local dose and rectal toxicity in prostate cancer radiotherapy. Physics in Medicine and Biology, 2013, 58, 2581-2595. | 1.6 | 66 |
| 2940 | fMRI Data Analysis Using SPM. , 2013, , 51-76. | | 5 |
| 2941 | An investigation of changes in regional gray matter volume in cardiovascular disease patients, pre and post cardiovascular rehabilitation. NeuroImage: Clinical, 2013, 3, 388-395. | 1.4 | 36 |
| 2942 | Deficits in cortical, diencephalic and midbrain gray matter in alcoholism measured by VBM: Effects of co-morbid substance abuse. NeuroImage: Clinical, 2013, 2, 469-476. | 1.4 | 50 |
| 2943 | Sex Differences in the Human Brain and the Impact of Sex Chromosomes and Sex Hormones. Cerebral Cortex, 2013, 23, 2322-2336. | 1.6 | 116 |
| 2944 | Imaging genetics — towards discovery neuroscience. Quantitative Biology, 2013, 1, 227-245. | 0.3 | 18 |
| 2945 | Impartiality in humans is predicted by brain structure of dorsomedial prefrontal cortex. NeuroImage, 2013, 81, 317-324. | 2.1 | 34 |
| 2946 | Extent of cortical involvement in amyotrophic lateral sclerosis – an analysis based on cortical thickness. BMC Neurology, 2013, 13, 148. | 0.8 | 41 |
| 2947 | Chronic smoking and brain gray matter changes: evidence from meta-analysis of voxel-based morphometry studies. Neurological Sciences, 2013, 34, 813-817. | 0.9 | 61 |
| 2948 | Structural brain changes associated with antipsychotic treatment in schizophrenia as revealed by voxel-based morphometric MRI: an activation likelihood estimation meta-analysis. BMC Psychiatry, 2013, 13, 342. | 1.1 | 64 |
| 2949 | Alterations in brain structure related to breast cancer and its treatment: chemotherapy and other considerations. Brain Imaging and Behavior, 2013, 7, 374-387. | 1.1 | 62 |
| 2950 | Automatic Extraction of the Midsagittal Surface from Brain MR Images using the Kullback–Leibler Measure. Neuroinformatics, 2014, 12, 395-403. | 1.5 | 15 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2951 | Prenatal Cocaine Exposure and Gray Matter Volume in Adolescent Boys and Girls: Relationship to Substance Use Initiation. Biological Psychiatry, 2013, 74, 482-489. | 0.7 | 37 |
| 2952 | Decrease of Gray Matter Volume in the Midbrain is Associated with Treatment Response in Medication-Overuse Headache: Possible Influence of Orbitofrontal Cortex. Journal of Neuroscience, 2013, 33, 15343-15349. | 1.7 | 86 |
| 2953 | Recent progress in migraine pathophysiology: role of cortical spreading depression and magnetic resonance imaging. European Journal of Neuroscience, 2013, 38, 3540-3551. | 1.2 | 30 |
| 2954 | Early brain pseudoatrophy while on natalizumab therapy is due to white matter volume changes. Multiple Sclerosis Journal, 2013, 19, 1175-1181. | 1.4 | 93 |
| 2955 | ICGA-ELM classifier for Alzheimer's disease detection. , 2013, , . | | 5 |
| 2956 | MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. Neurology, 2013, 81, 1681-1689. | 1.5 | 58 |
| 2957 | An Exploratory Study on the Spatial Relationship Between Regional Cortical Volume Changes and White Matter Integrity in Multiple Sclerosis. Brain Connectivity, 2013, 3, 255-264. | 0.8 | 12 |
| 2958 | Computer Aided Diagnosis of Intractable Epilepsy with MRI Imaging Based on Textural Information. , 2013, , . | | 6 |
| 2959 | Neuroimaging of lipid storage disorders. Developmental Disabilities Research Reviews, 2013, 17, 269-282. | 2.9 | 10 |
| 2960 | ICITST-2013: Keynote speaker 4: Writing a sustainable research paper. , 2013, , . | | 2 |
| 2961 | De Leiden Lang Leven Studie: weerspiegelt het brein een lang leven?. Neuropraxis, 2013, 17, 167-172. | 0.1 | 0 |
| 2962 | Voxel-based morphometry analyses in Alzheimer's disease. , 2013, , . | | 4 |
| 2963 | Functional Imaging During Recognition of Personally Familiar Faces and Places in Alzheimer's Disease. Archives of Clinical Neuropsychology, 2013, 28, 72-80. | 0.3 | 11 |
| 2964 | Meta-cognitive q-Gaussian RBF network for binary classification: Application to mild cognitive impairment (MCl). , 2013, , . | | 10 |
| 2965 | Frontal asymmetry in behavioral variant frontotemporal dementia: clinicoimaging and pathogenetic correlates. Neurobiology of Aging, 2013, 34, 636-639. | 1.5 | 54 |
| 2966 | Association between physical activity and brain health in older adults. Neurobiology of Aging, 2013, 34, 83-90. | 1.5 | 107 |
| 2967 | Regolith structure analysis — A contribution to understanding the local occurrence of shallow landslides (Austrian Tyrol). Geomorphology, 2013, 183, 5-13. | 1.1 | 16 |
| 2968 | Evolution of brain gray matter loss in <scp>H</scp> untington's disease: a metaâ€analysis. European Journal of Neurology, 2013, 20, 315-321. | 1.7 | 28 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 2969 | Reduced orbitofrontal and temporal grey matter in a community sample of maltreated children. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2013, 54, 105-112. | 3.1 | 163 |
| 2970 | New insights into the brain involvement in patients with Crohn's disease: a voxelâ€based morphometry study. Neurogastroenterology and Motility, 2013, 25, 147. | 1.6 | 87 |
| 2971 | MR imaging of the effects of methylphenidate on brain structure and function in Attention-Deficit/Hyperactivity Disorder. European Neuropsychopharmacology, 2013, 23, 1151-1164. | 0.3 | 76 |
| 2972 | Temporal Lobe Volume Abnormalities Precede the Prodrome: A Study of Children Presenting Antecedents of Schizophrenia. Schizophrenia Bulletin, 2013, 39, 1318-1327. | 2.3 | 43 |
| 2973 | Alterations in brain structure and function in breast cancer survivors: effect of post-chemotherapy interval and relation to oxidative DNA damage. Breast Cancer Research and Treatment, 2013, 137, 493-502. | 1.1 | 119 |
| 2974 | Parietal substrates for dimensional effects in visual search: evidence from lesion-symptom mapping. Brain, 2013, 136, 751-760. | 3.7 | 4 |
| 2975 | A templateâ€based automatic skullâ€stripping approach for mouse brain MR microscopy. Microscopy Research and Technique, 2013, 76, 7-11. | 1.2 | 6 |
| 2976 | Voxel-based morphometry with templates and validation in a mouse model of Huntington's disease. Magnetic Resonance Imaging, 2013, 31, 1522-1531. | 1.0 | 62 |
| 2977 | Optimally-Discriminative Voxel-Based Morphometry significantly increases the ability to detect group differences in schizophrenia, mild cognitive impairment, and Alzheimer's disease. NeuroImage, 2013, 79, 94-110. | 2.1 | 32 |
| 2978 | Neuroanatomical deficits in drug-naÃ ⁻ ve adult patients with generalized social anxiety disorder: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2013, 214, 9-15. | 0.9 | 51 |
| 2979 | Antidepressant effects of sertraline associated with volume increases in dorsolateral prefrontal cortex. Journal of Affective Disorders, 2013, 146, 414-419. | 2.0 | 80 |
| 2980 | White matter structural connectivity is associated with sensorimotor function in stroke survivors. NeuroImage: Clinical, 2013, 2, 767-781. | 1.4 | 21 |
| 2981 | Subcortical structural abnormalities in juvenile myoclonic epilepsy (JME): MR volumetry and vertex based analysis. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 230-235. | 0.9 | 29 |
| 2982 | Cortical and white matter alterations in patients with neuropathic pain after spinal cord injury. Brain Research, 2013, 1540, 64-73. | 1.1 | 96 |
| 2983 | White matter impairment in chronic heroin dependence: A quantitative DTI study. Brain Research, 2013, 1531, 58-64. | 1.1 | 48 |
| 2984 | Brain volumetric abnormalities in patients with anorexia and bulimia nervosa: A Voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2013, 213, 210-216. | 0.9 | 91 |
| 2985 | Altered brain structure in Chinese dyslexic children. Neuropsychologia, 2013, 51, 1169-1176. | 0.7 | 17 |
| 2986 | Association of formal thought disorder in schizophrenia with structural brain abnormalities in language-related cortical regions. Schizophrenia Research, 2013, 146, 308-313. | 1.1 | 55 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 2987 | Cerebellum involvement in post-stroke mood: A combined ecological and MRI study. Psychiatry Research - Neuroimaging, 2013, 212, 158-160. | 0.9 | 6 |
| 2988 | Subcallosal brain structure: Correlation with hearing threshold at supra-clinical frequencies (>8ÂkHz), but not with tinnitus. Hearing Research, 2013, 295, 79-86. | 0.9 | 99 |
| 2989 | When the single matters more than the group: Very high false positive rates in single case Voxel Based Morphometry. NeuroImage, 2013, 70, 175-188. | 2.1 | 50 |
| 2990 | Structural and Functional Magnetic Resonance Imaging. PET Clinics, 2013, 8, 407-430. | 1.5 | 1 |
| 2991 | LCC-Demons: A robust and accurate symmetric diffeomorphic registration algorithm. NeuroImage, 2013, 81, 470-483. | 2.1 | 123 |
| 2992 | Gray matter and white matter abnormalities in online game addiction. European Journal of Radiology, 2013, 82, 1308-1312. | 1.2 | 128 |
| 2993 | Bayesian scalar-on-image regression with application to association between intracranial DTI and cognitive outcomes. Neurolmage, 2013, 83, 210-223. | 2.1 | 18 |
| 2994 | Longitudinal Gray Matter Change in Young People Who Are at Enhanced Risk of Schizophrenia Due to Intellectual Impairment. Biological Psychiatry, 2013, 73, 985-992. | 0.7 | 12 |
| 2995 | Different patterns of gray matter atrophy in early- and late-onset Alzheimer's disease. Neurobiology of Aging, 2013, 34, 2014-2022. | 1.5 | 156 |
| 2996 | Altered volume and lateralization of language-related regions in first-episode schizophrenia. Schizophrenia Research, 2013, 148, 168-174. | 1.1 | 42 |
| 2997 | SPatial REgression Analysis of Diffusion tensor imaging (SPREAD) for longitudinal progression of neurodegenerative disease in individual subjects. Magnetic Resonance Imaging, 2013, 31, 1657-1667. | 1.0 | 10 |
| 2998 | Does amyloid deposition produce a specific atrophic signature in cognitively normal subjects?. NeuroImage: Clinical, 2013, 2, 249-257. | 1.4 | 44 |
| 2999 | Regional gray matter reduction correlates with subjective quality of life in schizophrenia. Journal of Psychiatric Research, 2013, 47, 548-554. | 1.5 | 12 |
| 3000 | The thalamus in cirrhotic patients with and without hepatic encephalopathy: A volumetric MRI study. European Journal of Radiology, 2013, 82, e715-e720. | 1.2 | 20 |
| 3001 | Applying tensor-based morphometry to parametric surfaces can improve MRI-based disease diagnosis. NeuroImage, 2013, 74, 209-230. | 2.1 | 60 |
| 3002 | White matter structures associated with empathizing and systemizing in young adults. NeuroImage, 2013, 77, 222-236. | 2.1 | 77 |
| 3003 | Voxel-based morphometry and histological analysis for evaluating hippocampal damage in a rat model of cardiopulmonary resuscitation. NeuroImage, 2013, 77, 215-221. | 2.1 | 25 |
| 3004 | Grey matter density and GABAA binding potential show a positive linear relationship across cortical regions. Neuroscience, 2013, 235, 226-231. | 1.1 | 10 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3005 | Predicting dementia development in Parkinson's disease using Bayesian network classifiers. Psychiatry Research - Neuroimaging, 2013, 213, 92-98. | 0.9 | 64 |
| 3006 | Abnormal gray and white matter volume in delusional infestation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 46, 19-24. | 2.5 | 73 |
| 3007 | Lithium, Gray Matter, and Magnetic Resonance Imaging Signal. Biological Psychiatry, 2013, 73, 652-657. | 0.7 | 81 |
| 3008 | A neurodevelopmental basis for BECTS: Evidence from structural MRI. Epilepsy Research, 2013, 105, 133-139. | 0.8 | 70 |
| 3009 | Diffusion Magnetic Resonance Imaging and Fiber Tractography. PET Clinics, 2013, 8, 279-293. | 1.5 | 1 |
| 3010 | Rapid changes in brain structure predict improvements induced by perceptual learning. NeuroImage, 2013, 81, 205-212. | 2.1 | 24 |
| 3011 | Structural patterns of the proximal femur in relation to age and hip fracture risk in women. Bone, 2013, 57, 290-299. | 1.4 | 36 |
| 3012 | Are there volumetric brain differences associated with the use of cocaine and amphetamine-type stimulants?. Neuroscience and Biobehavioral Reviews, 2013, 37, 300-316. | 2.9 | 101 |
| 3013 | Reduced white matter integrity and cognitive deficit in never-medicated chronic schizophrenia: A diffusion tensor study using TBSS. Behavioural Brain Research, 2013, 252, 157-163. | 1.2 | 88 |
| 3014 | Neural substrates of episodic memory dysfunction in behavioural variant frontotemporal dementia with and without C9ORF72 expansions. NeuroImage: Clinical, 2013, 2, 836-843. | 1.4 | 35 |
| 3015 | Automatic statistical shape analysis of cerebral asymmetry in 3D T1-weighted magnetic resonance images at vertex-level: Application to neuroleptic-naÃ ⁻ ve schizophrenia. Magnetic Resonance Imaging, 2013, 31, 676-687. | 1.0 | 20 |
| 3016 | Functional andconnectivity changes during working memory inHuntington's disease: 18month longitudinal data from the IMAGE-HD study. Brain and Cognition, 2013, 83, 80-91. | 0.8 | 57 |
| 3017 | A novel bedside task to tap inhibitory dysfunction and fronto-striatal atrophy in Parkinson's disease. Parkinsonism and Related Disorders, 2013, 19, 827-830. | 1.1 | 14 |
| 3018 | Thalamic atrophy in antero-medial and dorsal nuclei correlates with six-month outcome after severe brain injury. NeuroImage: Clinical, 2013, 3, 396-404. | 1.4 | 59 |
| 3019 | Robust estimation of fractal measures for characterizing the structural complexity of the human brain: Optimization and reproducibility. NeuroImage, 2013, 83, 646-657. | 2.1 | 32 |
| 3020 | Gray matter volume reduction reflects chronic pain in trigeminal neuralgia. NeuroImage, 2013, 74, 352-358. | 2.1 | 171 |
| 3021 | Brain Effects of Cognitive Remediation Therapy in Schizophrenia: A Structural and Functional Neuroimaging Study. Biological Psychiatry, 2013, 73, 1015-1023. | 0.7 | 162 |
| 3022 | In vivo evaluation of gray and white matter volume loss in the parkinsonian variant of multiple system atrophy using SPM8 plus DARTEL for VBM. NeuroImage: Clinical, 2013, 2, 491-496. | 1.4 | 35 |

ARTICLE IF CITATIONS Early cortical gray matter loss and cognitive correlates in non-demented Parkinson's patients. 3023 52 1.1 Parkinsonism and Related Disorders, 2013, 19, 1088-1093. Interregional compensatory mechanisms of motor functioning in progressing preclinical 3024 2.1 neurodegeneration. Neurolmage, 2013, 75, 146-154. Lattice independent component analysis feature selection on diffusion weighted imaging for 3025 3.514 Alzheimer's disease classification. Neurocomputing, 2013, 114, 132-141. Aberrant Paralimbic Gray Matter in Incarcerated Male Adolescents With Psychopathic Traits. Journal 0.3 98 of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 94-103.e3. Brain structure is changed in congenital anosmia. NeuroImage, 2013, 83, 1074-1080. 2.1 3027 46 Quantitative neurofibrillary tangle density and brain volumetric MRI analyses in Alzheimer's disease 3028 0.8 presenting as logopenic progressive aphasia. Brain and Language, 2013, 127, 127-134. Impaired acquisition rates of probabilistic associative learning in frontotemporal dementia is 3029 1.4 12 associated with fronto-striatal atrophy. NeuroImage: Clinical, 2013, 2, 56-62. Gray matter in the brain: Differences associated with tinnitus and hearing loss. Hearing Research, 3030 159 2013, 295, 67-78. Regional gray matter volume differences and sex-hormone correlations as a function of menstrual 3031 1.1 69 cycle phase and hormonal contraceptives use. Brain Research, 2013, 1530, 22-31. Multiparametric brainstem segmentation using a modified multivariate mixture of Gaussians. 1.4 58 NeuroImage: Clinical, 2013, 2, 684-694. Neural underpinnings of behavioural strategies that prioritize either cognitive task performance or 3033 2.0 59 pain. Pain, 2013, 154, 2060-2071. Early gray-matter and white-matter concentration in infancy predict later language skills: A whole 3034 0.8 64 brain voxel-based morphometry study. Brain and Language, 2013, 124, 34-44. Comparison of two nonlinear registration techniques to investigate brain atrophy patterns in 3035 0.6 3 normal aging. Journal of Neuroradiology, 2013, 40, 326-334. System for Integrated Neuroimaging Analysis and Processing of Structure. Neuroinformatics, 2013, 11, 1.5 91-103. Neuroimaging comparison of primary progressive apraxia of speech and progressive supranuclear 3037 1.7 47 palsy. European Journal of Neurology, 2013, 20, 629-637. White matter volume in alcohol use disorders: a metaâ€analysis. Addiction Biology, 2013, 18, 581-592. 1.4 Magnetic Resonance Imaging Biomarkers in Patients with Progressive Ataxia: Current Status and 3039 1.4 25 Future Direction. Cerebellum, 2013, 12, 245-266. Effects of menopause on brain structural changes in schizophrenia. Psychiatry and Clinical 3040 Neurosciences, 2013, 67, 3-11.

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|----------|------|----|----------|
| | ΤΔΤΙ | ON | Report |
| <u> </u> | | | KLI OKI |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3041 | Teaching an adult brain new tricks: A critical review of evidence for training-dependent structural plasticity in humans. NeuroImage, 2013, 73, 225-236. | 2.1 | 187 |
| 3042 | Neuroimaging Approaches to the Understanding of Depression and the Identification of Novel Antidepressants. , 2013, , 343-411. | | 3 |
| 3043 | MRI of carriers of the apolipoprotein E e4 allele–evidence for structural differences in normalâ€appearing brain tissue in e4+ relative to e4– young adults. NMR in Biomedicine, 2013, 26, 674-682. | 1.6 | 22 |
| 3044 | Prefrontal atrophy, disrupted NREM slow waves and impaired hippocampal-dependent memory in aging. Nature Neuroscience, 2013, 16, 357-364. | 7.1 | 434 |
| 3045 | Regional vulnerability in Huntington's disease: fMRI-guided molecular analysis in patients and a mouse model of disease. Neurobiology of Disease, 2013, 52, 84-93. | 2.1 | 19 |
| 3046 | Imaging structural co-variance between human brain regions. Nature Reviews Neuroscience, 2013, 14, 322-336. | 4.9 | 841 |
| 3047 | Functional Networks in Temporal-Lobe Epilepsy: A Voxel-Wise Study of Resting-State Functional Connectivity and Gray-Matter Concentration. Brain Connectivity, 2013, 3, 22-30. | 0.8 | 32 |
| 3048 | Higher Glutamate to Glutamine Ratios in Occipital Regions in Women With Migraine During the Interictal State. Headache, 2013, 53, 365-375. | 1.8 | 58 |
| 3049 | Tracking cerebral white matter changes across the lifespan: insights from diffusion tensor imaging studies. Journal of Neural Transmission, 2013, 120, 1369-1395. | 1.4 | 97 |
| 3050 | Classification of Alzheimer's disease using regional saliency maps from brain MR volumes. Proceedings of SPIE, 2013, , . | 0.8 | 3 |
| 3051 | Functional and structural brain changes in anti–Nâ€methylâ€Dâ€aspartate receptor encephalitis. Annals of Neurology, 2013, 74, 284-296. | 2.8 | 167 |
| 3052 | Systems Phenomics. , 2013, , 87-118. | | 0 |
| 3053 | Whole-exome sequencing and imaging genetics identify functional variants for rate of change in hippocampal volume in mild cognitive impairment. Molecular Psychiatry, 2013, 18, 781-787. | 4.1 | 81 |
| 3054 | Relevance of Magnetic Resonance Imaging for Early Detection and Diagnosis of Alzheimer Disease. Medical Clinics of North America, 2013, 97, 399-424. | 1.1 | 151 |
| 3055 | Imaging the structure of the human anxious brain: a review of findings from neuroscientific personality psychology. Reviews in the Neurosciences, 2013, 24, 167-90. | 1.4 | 70 |
| 3056 | Chemobrain: A systematic review of structural and functional neuroimaging studies. Neuroscience and Biobehavioral Reviews, 2013, 37, 1311-1321. | 2.9 | 152 |
| 3057 | Brain correlates of pro-social personality traits: a voxel-based morphometry study. Brain Imaging and Behavior, 2013, 7, 293-299. | 1.1 | 44 |
| 3058 | Networks of anatomical covariance. NeuroImage, 2013, 80, 489-504. | 2.1 | 355 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3059 | Volume reductions in frontopolar and left perisylvian cortices in methamphetamine induced psychosis. Schizophrenia Research, 2013, 147, 355-361. | 1.1 | 36 |
| 3060 | Neuroimaging and Other Biomarkers for Alzheimer's Disease: The Changing Landscape of Early Detection. Annual Review of Clinical Psychology, 2013, 9, 621-648. | 6.3 | 110 |
| 3061 | Structural brain correlates of human sleep oscillations. NeuroImage, 2013, 83, 658-668. | 2.1 | 78 |
| 3062 | Voice recognition and altered connectivity in schizophrenic patients with auditory hallucinations. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 44, 265-270. | 2.5 | 18 |
| 3063 | Advanced Magnetic Resonance Imaging in Pediatric Multiple Sclerosis. Neuroimaging Clinics of North America, 2013, 23, 337-354. | 0.5 | 9 |
| 3064 | Abnormal network connectivity in frontotemporal dementia: Evidence for prefrontal isolation. Cortex, 2013, 49, 1856-1873. | 1.1 | 170 |
| 3065 | Neuroimaging in Mitochondrial Disorders. Neurotherapeutics, 2013, 10, 273-285. | 2.1 | 59 |
| 3066 | Brain morphometry reproducibility in multi-center 3T MRI studies: A comparison of cross-sectional and longitudinal segmentations. NeuroImage, 2013, 83, 472-484. | 2.1 | 157 |
| 3067 | Imaging in Huntington's Disease and Other Choreas. , 2013, , 201-225. | | 1 |
| 3068 | Other Gait Disorders. , 2013, , 247-273. | | 0 |
| 3069 | Neuroimaging of Dystonia. , 2013, , 165-184. | | 0 |
| 3070 | Brain injury biomarkers are not dependent on βâ€amyloid in normal elderly. Annals of Neurology, 2013, 73, 472-480. | 2.8 | 155 |
| 3071 | Neural correlates of stimulus response and stimulus outcome shifting in healthy participants and MS patients. Brain and Cognition, 2013, 81, 57-66. | 0.8 | 2 |
| 3072 | Gray Matter Abnormalities in Social Anxiety Disorder: Primary, Replication, and Specificity Studies. Biological Psychiatry, 2013, 73, 75-84. | 0.7 | 97 |
| 3073 | Alexithymia is related to differences in gray matter volume: A voxel-based morphometry study. Brain Research, 2013, 1491, 60-67. | 1.1 | 56 |
| 3074 | Fat-free body mass but not fat mass is associated with reduced gray matter volume of cortical brain regions implicated in autonomic and homeostatic regulation. NeuroImage, 2013, 64, 712-721. | 2.1 | 45 |
| 3075 | Structural brain changes linked to delayed first language acquisition in congenitally deaf individuals. NeuroImage, 2013, 66, 42-49. | 2.1 | 78 |
| 3076 | Relationship between fractional anisotropy of cerebral white matter and metabolite concentrations measured using 1H magnetic resonance spectroscopy in healthy adults. NeuroImage, 2013, 66, 161-168. | 2.1 | 34 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3077 | Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. NeuroImage, 2013, 65, 374-386. | 2.1 | 428 |
| 3078 | Unbiased tensor-based morphometry: Improved robustness and sample size estimates for Alzheimer's disease clinical trials. Neurolmage, 2013, 66, 648-661. | 2.1 | 103 |
| 3079 | Brain structural changes as vulnerability factors and acquired signs of post-earthquake stress. Molecular Psychiatry, 2013, 18, 618-623. | 4.1 | 99 |
| 3080 | A novel extension to non-local means algorithm: Application to brain MRI de-noising. , 2013, , . | | 3 |
| 3081 | Image analysis in radiology and nuclear medicine. , 2013, , . | | 0 |
| 3082 | Predicting Cognitive Decline in Subjects at Risk for Alzheimer Disease by Using Combined Cerebrospinal Fluid, MR Imaging, and PET Biomarkers. Radiology, 2013, 266, 583-591. | 3.6 | 212 |
| 3083 | Multiple Sclerosis: White and Gray Matter Damage Associated with Balance Deficit Detected at Static Posturography. Radiology, 2013, 268, 181-189. | 3.6 | 76 |
| 3084 | Gray Matter Volume in Adolescent Anxiety: An Impact of the Brain-Derived Neurotrophic Factor Val66Met Polymorphism?. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 184-195. | 0.3 | 96 |
| 3085 | A voxel-based morphometry (VBM) analysis of regional grey and white matter volume abnormalities within the speech production network of children who stutter. Cortex, 2013, 49, 2151-2161. | 1.1 | 109 |
| 3086 | Episodic future thinking is impaired in the behavioural variant of frontotemporal dementia. Cortex, 2013, 49, 2377-2388. | 1.1 | 82 |
| 3087 | The influence of preterm birth on structural alterations of the vision-deprived brain. Cortex, 2013, 49, 1100-1109. | 1.1 | 9 |
| 3088 | Selective Brain Gray Matter Atrophy Associated with APOE ε4 and MAPT H1 in Subjects with Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 33, 1009-1019. | 1.2 | 18 |
| 3089 | How to produce personality neuroscience research with high statistical power and low additional cost. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 674-685. | 1.0 | 65 |
| 3090 | The central role of the temporo-parietal junction and the superior longitudinal fasciculus in supporting multi-item competition: Evidence from lesion-symptom mapping of extinction. Cortex, 2013, 49, 487-506. | 1.1 | 63 |
| 3091 | Neuroimaging, Cancer, and Cognition: State of the Knowledge. Seminars in Oncology Nursing, 2013, 29, 280-287. | 0.7 | 22 |
| 3092 | Grey matter correlates of clinical variables in amyotrophic lateral sclerosis (ALS): a neuroimaging study of ALS motor phenotype heterogeneity and cortical focality. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 766-773. | 0.9 | 121 |
| 3093 | Ensemble Learning Incorporating Uncertain Registration. IEEE Transactions on Medical Imaging, 2013, 32, 748-756. | 5.4 | 19 |
| 3094 | Diffusion magnetic resonance imaging in preterm brain injury. Neuroradiology, 2013, 55, 65-95. | 1.1 | 56 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3095 | White Matter Integrity Following Traumatic Brain Injury: The Association with Severity of Injury and Cognitive Functioning. Brain Topography, 2013, 26, 648-660. | 0.8 | 69 |
| 3096 | Combined Grey Matter VBM and White Matter TBSS Analysis in Young First Episode Psychosis Patients With and Without Cannabis Consumption. Brain Topography, 2013, 26, 641-647. | 0.8 | 16 |
| 3097 | Diffeomorphic brain mapping based on T1â€weighted images: Improvement of registration accuracy by multichannel mapping. Journal of Magnetic Resonance Imaging, 2013, 37, 76-84. | 1.9 | 29 |
| 3098 | Insulin Resistance, Brain Atrophy, and Cognitive Performance in Late Middle–Aged Adults. Diabetes Care, 2013, 36, 443-449. | 4.3 | 173 |
| 3099 | Estrogen and the male hippocampus: Genetic variation in the aromatase gene predicting serum estrogen is associated with hippocampal gray matter volume in men. Hippocampus, 2013, 23, 117-121. | 0.9 | 12 |
| 3100 | Consistent Neurodegeneration and Its Association with Clinical Progression in Huntington's Disease: A Coordinate-Based Meta-Analysis. Neurodegenerative Diseases, 2013, 12, 23-35. | 0.8 | 64 |
| 3101 | Statistical bias in optimized VBM. , 2013, , . | | 1 |
| 3102 | Quantitative measurement of MR cortical atrophy: MR brain surface intensity model (BSIM) and group and individual cortical thinning studies. , 2013, , . | | 1 |
| 3103 | Corticospinal tract degeneration associated with TDP-43 type C pathology and semantic dementia. Brain, 2013, 136, 455-470. | 3.7 | 37 |
| 3104 | Quantitative analysis of structural neuroimaging of mesial temporal lobe epilepsy. Imaging in Medicine, 2013, 5, 219-235. | 0.0 | 9 |
| 3105 | Multiparameter MR Imaging in the <i>6-OPRI</i> Variant of Inherited Prion Disease. American Journal of Neuroradiology, 2013, 34, 1723-1730. | 1.2 | 8 |
| 3108 | Individual Classification of Mild Cognitive Impairment Subtypes by Support Vector Machine Analysis of White Matter DTI. American Journal of Neuroradiology, 2013, 34, 283-291. | 1.2 | 45 |
| 3109 | Secondary Degeneration Detected by Combining Voxel-Based Morphometry and Tract-Based Spatial Statistics in Subcortical Strokes with Different Outcomes in Hand Function. American Journal of Neuroradiology, 2013, 34, 1341-1347. | 1.2 | 33 |
| 3110 | Widespread White Matter Alterations in Patients with End-Stage Renal Disease: A Voxelwise Diffusion Tensor Imaging Study. American Journal of Neuroradiology, 2013, 34, 1945-1951. | 1.2 | 56 |
| 3111 | Automated White Matter Total Lesion Volume Segmentation in Diabetes. American Journal of Neuroradiology, 2013, 34, 2265-2270. | 1.2 | 38 |
| 3112 | Gray Matter Volume as an Intermediate Phenotype for Psychosis: Bipolar-Schizophrenia Network on Intermediate Phenotypes (B-SNIP). American Journal of Psychiatry, 2013, 170, 1285-1296. | 4.0 | 148 |
| 3113 | Identifying Large-Scale Brain Networks in Fragile X Syndrome. JAMA Psychiatry, 2013, 70, 1215. | 6.0 | 57 |
| 3114 | Neuroimaging in Neurodegenerative Dementias. Seminars in Neurology, 2013, 32, 347-360. | 0.5 | 17 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 3115 | Family history of alcohol dependence and gray matter abnormalities in non-alcoholic adults. World Journal of Biological Psychiatry, 2013, 14, 565-573. | 1.3 | 21 |
| 3116 | Relationship of Clinical and Cognitive Variables with Brain Morphometric Abnormalities in Alzheimer's Disease: a Voxel Based Morphometric Study Using 3-Tesla MRI. , 2013, 04, 235-243. | | 3 |
| 3117 | Morphometric differences in central stress-regulating structures between women with and without borderline personality disorder. Journal of Psychiatry and Neuroscience, 2013, 38, 129-137. | 1.4 | 65 |
| 3118 | Analysis of the VAV3 as Candidate Gene for Schizophrenia: Evidences From Voxel-Based Morphometry and Mutation Screening. Schizophrenia Bulletin, 2013, 39, 720-728. | 2.3 | 19 |
| 3119 | A Critical Role for the Hippocampus in the Valuation of Imagined Outcomes. PLoS Biology, 2013, 11, e1001684. | 2.6 | 89 |
| 3120 | Magnetic Resonance Imaging to Visualize Stroke and Characterize Stroke Recovery: A Review. Frontiers in Neurology, 2013, 4, 60. | 1.1 | 31 |
| 3121 | Brain Morphometric Changes Associated With Childhoodâ€Onset Systemic Lupus Erythematosus and Neurocognitive Deficit. Arthritis and Rheumatism, 2013, 65, 2190-2200. | 6.7 | 25 |
| 3122 | Effects of Age, Task Performance, and Structural Brain Development on Face Processing. Cerebral Cortex, 2013, 23, 1630-1642. | 1.6 | 68 |
| 3123 | Increased orbital frontal gray matter volume after cognitive behavioural therapy in paediatric obsessive compulsive disorder. World Journal of Biological Psychiatry, 2013, 14, 319-331. | 1.3 | 36 |
| 3124 | Biological sex affects the neurobiology of autism. Brain, 2013, 136, 2799-2815. | 3.7 | 239 |
| 3125 | Microstructural and network abnormalities in headache. Current Opinion in Neurology, 2013, 26, 353-359. | 1.8 | 32 |
| 3126 | Increased gray matter volume in the right angular and posterior parahippocampal gyri in loving-kindness meditators. Social Cognitive and Affective Neuroscience, 2013, 8, 34-39. | 1.5 | 122 |
| 3127 | Cognitive impairment in MS. Neurology, 2013, 80, 1025-1032. | 1.5 | 155 |
| 3128 | Gray matter abnormalities as brain structural vulnerability factors for bipolar disorder: A review of neuroimaging studies of individuals at high genetic risk for bipolar disorder. Australian and New Zealand Journal of Psychiatry, 2013, 47, 1124-1135. | 1.3 | 44 |
| 3129 | Association between Milder Brain Deformation before a Shunt Operation and Improvement in Cognition and Gait in Idiopathic Normal Pressure Hydrocephalus. Dementia and Geriatric Cognitive Disorders, 2013, 35, 197-207. | 0.7 | 16 |
| 3130 | Alzheimer's Disease Detection Using Minimal Morphometric Features with an Extreme Learning Machine Classifier. Advances in Intelligent Systems and Computing, 2013, , 753-762. | 0.5 | 3 |
| 3131 | Structural Brain Development. , 2013, , 207-230. | | 2 |
| 3132 | Neuroimaging Markers of Motor and Nonmotor Features of Parkinson's Disease: An [¹⁸ F]Fluorodeoxyglucose Positron Emission Computed Tomography Study. Dementia and Geriatric Cognitive Disorders, 2013, 35, 183-196. | 0.7 | 87 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3133 | Genes Encoding Heterotrimeric G-proteins Are Associated with Gray Matter Volume Variations in the Medial Frontal Cortex. Cerebral Cortex, 2013, 23, 1025-1030. | 1.6 | 5 |
| 3134 | Brain imaging and human nutrition: which measures to use in intervention studies?. British Journal of Nutrition, 2013, 110, S1-S30. | 1.2 | 50 |
| 3135 | Similarity-Based Pattern Analysis and Recognition. Advances in Computer Vision and Pattern Recognition, 2013, , . | 0.9 | 9 |
| 3136 | Retrosplenial Cortex (BA 29) Volumes in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2013, 35, 177-182. | 0.7 | 24 |
| 3137 | Genetic Programming Based Composite Filter for Rician Noise Reduction. , 2013, , . | | 0 |
| 3138 | Automated morphometric magnetic resonance imaging analysis for the detection of periventricular nodular heterotopia. Epilepsia, 2013, 54, 305-313. | 2.6 | 13 |
| 3139 | Neural Correlates of Activities of Daily Living in Frontotemporal Dementia. Journal of Geriatric Psychiatry and Neurology, 2013, 26, 51-57. | 1.2 | 22 |
| 3140 | Gray Matter Pathology in MS: Neuroimaging and Clinical Correlations. Multiple Sclerosis International, 2013, 2013, 1-16. | 0.4 | 27 |
| 3141 | Peer Relationships of Children with Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2013, 19, 518-527. | 1.2 | 70 |
| 3142 | Structural changes of central white matter tracts in Kennedy's disease - a diffusion tensor imaging and voxel-based morphometry study. Acta Neurologica Scandinavica, 2013, 127, 323-328. | 1.0 | 20 |
| 3143 | Less Efficient Information Transfer in Cys-Allele Carriers of DISC1: A Brain Network Study Based on Diffusion MRI. Cerebral Cortex, 2013, 23, 1715-1723. | 1.6 | 32 |
| 3144 | Masters athletes exhibit larger regional brain volume and better cognitive performance than sedentary older adults. Journal of Magnetic Resonance Imaging, 2013, 38, 1169-1176. | 1.9 | 75 |
| 3145 | Voxelâ€Based Morphometric Analysis in Hypothyroidism Using Diffeomorphic Anatomic Registration via an Exponentiated Lie Algebra Algorithm Approach. Journal of Neuroendocrinology, 2013, 25, 229-234. | 1.2 | 29 |
| 3146 | The Network Modification (NeMo) Tool: Elucidating the Effect of White Matter Integrity Changes on Cortical and Subcortical Structural Connectivity. Brain Connectivity, 2013, 3, 451-463. | 0.8 | 95 |
| 3147 | Weighted registration of ¹²³ <scp>I</scp> â€ <scp>FP</scp> IT SPECT images improves accuracy of binding potential estimates in pathologically low striatal uptake. Journal of Cellular Physiology, 2013, 228, 2086-2094. | 2.0 | 7 |
| 3148 | Discovering Regional Pathological Patterns in Brain MRI. , 2013, , . | | 1 |
| 3149 | Spatiotemporal modeling of distribution-valued data applied to DTI tract evolution in infant neurodevelopment. , 2013, 2013, 684-687. | | 2 |
| 3150 | Association between iron content and gray matter missegmentation with voxelâ€based morphometry in basal ganglia. Journal of Magnetic Resonance Imaging, 2013, 38, 958-962. | 1.9 | 11 |

| # 3151 | ARTICLE Analyzing grey matter diffusivity of autism in the context of white matter connectivity. , 2013, , . | IF | CITATIONS |
|-----------|---|-----|-----------|
| 3153 | Proximal femoral density distribution and structure in relation to age and hip fracture risk in women. Journal of Bone and Mineral Research, 2013, 28, 537-546. | 3.1 | 63 |
| 3154 | Is DARTELâ€based voxelâ€based morphometry affected by width of smoothing kernel and group size? A study using simulated atrophy. Journal of Magnetic Resonance Imaging, 2013, 37, 1468-1475. | 1.9 | 67 |
| 3155 | Bayesian Spatial Transformation Models with Applications in Neuroimaging Data. Biometrics, 2013, 69, 1074-1083. | 0.8 | 6 |
| 3156 | Contribution of cortical and white matter lesions to cognitive impairment in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 1290-1296. | 1.4 | 103 |
| 3157 | Autism spectrum disorder detection using projection based learning meta-cognitive RBF network. , 2013, , . | | 18 |
| 3158 | The <i>AKT1</i> gene is associated with attention and brain morphology in schizophrenia. World Journal of Biological Psychiatry, 2013, 14, 100-113. | 1.3 | 30 |
| 3159 | Neuropathic Pain in Ankylosing Spondylitis: A Psychophysics and Brain Imaging Study. Arthritis and Rheumatism, 2013, 65, 1494-1503. | 6.7 | 103 |
| 3160 | Fully automatic detection of deep white matter T1 hypointense lesions in multiple sclerosis. Physics in Medicine and Biology, 2013, 58, 8323-8337. | 1.6 | 12 |
| 3161 | Longitudinal Cortical Volume Changes Correlate With Motor Recovery in Patients After Acute Local Subcortical Infarction. Stroke, 2013, 44, 2795-2801. | 1.0 | 56 |
| 3162 | Tracking Changes following Spinal Cord Injury. Neuroscientist, 2013, 19, 116-128. | 2.6 | 76 |
| 3163 | Cortical and subcortical brain atrophy in Parkinson's disease with visual hallucination. Movement Disorders, 2013, 28, 1732-1736. | 2.2 | 81 |
| 3164 | State-dependent changes in hippocampal grey matter in depression. Molecular Psychiatry, 2013, 18, 1265-1272. | 4.1 | 257 |
| 3165 | Late-life obesity is associated with smaller global and regional gray matter volumes: a voxel-based morphometric study. International Journal of Obesity, 2013, 37, 230-236. | 1.6 | 106 |
| 3166 | Disruption of visual and motor connectivity in spinocerebellar ataxia type 7. Movement Disorders, 2013, 28, 1708-1716. | 2.2 | 35 |
| 3167 | White-matter lesions drive deep gray-matter atrophy in early multiple sclerosis: support from structural MRI. Multiple Sclerosis Journal, 2013, 19, 1485-1492. | 1.4 | 49 |
| 3168 | Increased Functional Connectivity and Brain Atrophy in Elderly with Subjective Memory Complaints. Brain Connectivity, 2013, 3, 353-362. | 0.8 | 132 |
| 3169 | Microstructural Change of the Brain in Chronic Obstructive Pulmonary Disease: A Voxel-Based Investigation by MRI. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 357-366. | 0.7 | 25 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3170 | Peripheral Inflammation and Cognitive Aging. Modern Problems of Pharmacopsychiatry, 2013, 28, 175-187. | 2.5 | 38 |
| 3171 | Reduced Regional Gray Matter Volume in Patients with Chronic Obstructive Pulmonary Disease: A Voxel-Based Morphometry Study. American Journal of Neuroradiology, 2013, 34, 334-339. | 1.2 | 54 |
| 3172 | Quantifying Brain Morphology Using Structural Imaging. Series in Medical Physics and Biomedical Engineering, 2013, , 3-39. | 0.1 | 0 |
| 3173 | Disease State Fingerprint in Frontotemporal Degeneration with Reference to Alzheimer's Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 35, 727-739. | 1.2 | 18 |
| 3174 | Visuospatial Memory and Neuroimaging Correlates in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 35, 75-90. | 1.2 | 36 |
| 3175 | Brain Gray Matter Deficits in Patients with Chronic Primary Insomnia. Sleep, 2013, 36, 999-1007. | 0.6 | 180 |
| 3177 | A Brief History of Voxel-Based Grey Matter Analysis in Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 38, 647-659. | 1.2 | 27 |
| 3178 | Localized Cortical Thinning in Patients with Obstructive Sleep Apnea Syndrome. Sleep, 2013, 36, 1153-1162. | 0.6 | 77 |
| 3179 | Modularity and Developmental Disorders. , 2013, , . | | 3 |
| 3180 | Insomnia Does Not Appear to be Associated With Substantial Structural Brain Changes. Sleep, 2013, 36, 731-737. | 0.6 | 97 |
| 3181 | Multiresolutional graph cuts for brain extraction from MR images. Proceedings of SPIE, 2013, , . | 0.8 | 0 |
| 3182 | Extracting regional brain patterns for classification of neurodegenerative diseases. Proceedings of SPIE, 2013, , . | 0.8 | 1 |
| 3183 | Barriers to novel therapeutics in amyotrophic lateral sclerosis. Neurodegenerative Disease Management, 2013, 3, 525-537. | 1.2 | 0 |
| 3184 | Neural effects of the <scp><i>CSMD</i></scp> <i>1</i> genomeâ€wide associated schizophrenia risk variant rs10503253. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 530-537. | 1.1 | 30 |
| 3185 | An automatic search of Alzheimer patterns using a nonnegative matrix factorization. Proceedings of SPIE, 2013, , . | 0.8 | 1 |
| 3186 | Cognitive disorders in HIV-infected patients. Aids, 2013, 27, 391-400. | 1.0 | 125 |
| 3187 | Automatic Volumetry of the Cerebrospinal Fluid Space in Idiopathic Normal Pressure Hydrocephalus. Dementia and Geriatric Cognitive Disorders Extra, 2013, 3, 489-496. | 0.6 | 184 |
| 3188 | Progranulin Mutations as Risk Factors for Alzheimer Disease. JAMA Neurology, 2013, 70, 774. | 4.5 | 114 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3189 | βâ€amyloid in lewy body disease is related to Alzheimer's diseaseâ€like atrophy. Movement Disorders, 2013, 28, 169-175. | 2.2 | 58 |
| 3190 | Correlation between Topographic N400 Anomalies and Reduced Cerebral Blood Flow in the Anterior Temporal Lobes of Patients with Dementia. Journal of Alzheimer's Disease, 2013, 36, 711-731. | 1.2 | 23 |
| 3191 | Brain Volumetric Correlates of Memory in Early Parkinson's Disease. Journal of Parkinson's Disease, 2013, 3, 593-601. | 1.5 | 14 |
| 3192 | The structure of creative cognition in the human brain. Frontiers in Human Neuroscience, 2013, 7, 330. | 1.0 | 289 |
| 3193 | Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. Frontiers in Human Neuroscience, 2013, 7, 462. | 1.0 | 50 |
| 3195 | Comparing Brain Amyloid Deposition, Glucose Metabolism, and Atrophy in Mild Cognitive Impairment with and without a Family History of Dementia. Journal of Alzheimer's Disease, 2013, 35, 509-524. | 1.2 | 36 |
| 3197 | Genetic Influences on Atrophy Patterns in Familial Alzheimer's Disease: A Comparison of APP and PSEN1 Mutations. Journal of Alzheimer's Disease, 2013, 35, 199-212. | 1.2 | 36 |
| 3198 | Structural Brain Abnormalities in Patients with Primary Open-Angle Glaucoma: A Study with 3T MR Imaging. , 2013, 54, 545. | | 131 |
| 3199 | Depression and temporal lobe epilepsy represent an epiphenomenon sharing similar neural networks: clinical and brain structural evidences. Arquivos De Neuro-Psiquiatria, 2013, 71, 183-190. | 0.3 | 54 |
| 3200 | Longitudinal Neuroimaging Biomarkers in Huntington's Disease. Journal of Huntington's Disease, 2013, 2, 21-39. | 0.9 | 16 |
| 3201 | Magnetic resonance imaging and spectroscopy in Huntingtonâ \in ™s disease. , 0, , 106-120. | | 0 |
| 3202 | Statistical Analysis of Brain MRI Data. Japanese Journal of Biometrics, 2013, 33, 145-174. | 0.0 | 2 |
| 3203 | Structural Brain Changes in Chronic Pain Reflect Probably Neither Damage Nor Atrophy. PLoS ONE, 2013, 8, e54475. | 1.1 | 110 |
| 3204 | Dissociated Grey Matter Changes with Prolonged Addiction and Extended Abstinence in Cocaine Users. PLoS ONE, 2013, 8, e59645. | 1.1 | 78 |
| 3205 | Efficient Posterior Probability Mapping Using Savage-Dickey Ratios. PLoS ONE, 2013, 8, e59655. | 1.1 | 20 |
| 3206 | Magnetic Resonance Imaging of the Newborn Brain: Automatic Segmentation of Brain Images into 50 Anatomical Regions. PLoS ONE, 2013, 8, e59990. | 1.1 | 78 |
| 3207 | Assessing the Correlation between Grey and White Matter Damage with Motor and Cognitive Impairment in Multiple Sclerosis Patients. PLoS ONE, 2013, 8, e63250. | 1.1 | 92 |
| 3208 | Exercise Challenge in Gulf War Illness Reveals Two Subgroups with Altered Brain Structure and Function. PLoS ONE, 2013, 8, e63903. | 1.1 | 70 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3209 | Sensorimotor and Pain Modulation Brain Abnormalities in Trigeminal Neuralgia: A Paroxysmal, Sensory-Triggered Neuropathic Pain. PLoS ONE, 2013, 8, e66340. | 1.1 | 105 |
| 3210 | Larger Right Posterior Parietal Volume in Action Video Game Experts: A Behavioral and Voxel-Based Morphometry (VBM) Study. PLoS ONE, 2013, 8, e66998. | 1.1 | 65 |
| 3211 | Discrete Neural Correlates for the Recognition of Negative Emotions: Insights from Frontotemporal Dementia. PLoS ONE, 2013, 8, e67457. | 1.1 | 150 |
| 3212 | Reduced Cortical Thickness in Primary Open-Angle Glaucoma and Its Relationship to the Retinal Nerve Fiber Layer Thickness. PLoS ONE, 2013, 8, e73208. | 1.1 | 60 |
| 3213 | Tractography of the Corpus Callosum in Huntington's Disease. PLoS ONE, 2013, 8, e73280. | 1.1 | 56 |
| 3214 | Deployment and Post-Deployment Experiences in OEF/OIF Veterans: Relationship to Gray Matter Volume. PLoS ONE, 2013, 8, e75880. | 1.1 | 12 |
| 3215 | Neuroimaging Evidence of Major Morpho-Anatomical and Functional Abnormalities in the BTBR T+TF/J Mouse Model of Autism. PLoS ONE, 2013, 8, e76655. | 1.1 | 115 |
| 3216 | Gray and White Matter Distribution in Dyslexia: A VBM Study of Superior Temporal Gyrus Asymmetry. PLoS ONE, 2013, 8, e76823. | 1.1 | 22 |
| 3217 | Impact of Chemotherapy for Childhood Leukemia on Brain Morphology and Function. PLoS ONE, 2013, 8, e78599. | 1.1 | 63 |
| 3218 | Examination of Cognitive Fatigue in Multiple Sclerosis using Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging. PLoS ONE, 2013, 8, e78811. | 1.1 | 120 |
| 3219 | Perception of Social Cues of Danger in Autism Spectrum Disorders. PLoS ONE, 2013, 8, e81206. | 1.1 | 37 |
| 3220 | Atlas-Guided Cluster Analysis of Large Tractography Datasets. PLoS ONE, 2013, 8, e83847. | 1.1 | 28 |
| 3221 | Disorder-Specific Predictive Classification of Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) Relative to Autism Using Structural Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e63660. | 1.1 | 85 |
| 3222 | Internet gaming addiction: current perspectives. Psychology Research and Behavior Management, 2013, 6, 125. | 1.3 | 335 |
| 3223 | Numerical Transcoding Proficiency in 10-Year-Old Schoolchildren is Associated with Gray Matter Inter-Individual Differences: A Voxel-Based Morphometry Study. Frontiers in Psychology, 2013, 4, 197. | 1.1 | 11 |
| 3224 | Combined structural and functional imaging reveals cortical deactivations in grapheme-color synaesthesia. Frontiers in Psychology, 2013, 4, 755. | 1.1 | 20 |
| 3225 | Altered White Matter Integrity in the Congenital and Late Blind People. Neural Plasticity, 2013, 2013, 1-8. | 1.0 | 52 |
| 3226 | The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). Frontiers in Aging Neuroscience, 2013, 5, 11. | 1.7 | 126 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3227 | A review of cardiorespiratory fitness-related neuroplasticity in the aging brain. Frontiers in Aging Neuroscience, 2013, 5, 31. | 1.7 | 110 |
| 3228 | White matter hyperintensities segmentation: a new semi-automated method. Frontiers in Aging Neuroscience, 2013, 5, 76. | 1.7 | 55 |
| 3229 | Structural hippocampal network alterations during healthy aging: a multi-modal MRI study. Frontiers in Aging Neuroscience, 2013, 5, 84. | 1.7 | 35 |
| 3230 | Fronto-striatal gray matter contributions to discrimination learning in Parkinson's disease. Frontiers in Computational Neuroscience, 2013, 7, 180. | 1.2 | 12 |
| 3231 | Methodological considerations in longitudinal morphometry of traumatic brain injury. Frontiers in Human Neuroscience, 2013, 7, 52. | 1.0 | 8 |
| 3232 | VBM Reveals Brain Volume Differences between Parkinson's Disease and Essential Tremor Patients. Frontiers in Human Neuroscience, 2013, 7, 247. | 1.0 | 55 |
| 3233 | Disparity between dorsal and ventral networks in patients with obsessive-compulsive disorder: evidence revealed by graph theoretical analysis based on cortical thickness from MRI. Frontiers in Human Neuroscience, 2013, 7, 302. | 1.0 | 17 |
| 3234 | Structural changes in left fusiform areas and associated fiber connections in children with abacus training: evidence from morphometry and tractography. Frontiers in Human Neuroscience, 2013, 7, 335. | 1.0 | 35 |
| 3235 | Neuroimaging, a new tool for investigating the effects of early diet on cognitive and brain development. Frontiers in Human Neuroscience, 2013, 7, 445. | 1.0 | 31 |
| 3236 | GroupICA dual regression analysis of resting state networks in a behavioral variant of frontotemporal dementia. Frontiers in Human Neuroscience, 2013, 7, 461. | 1.0 | 62 |
| 3237 | Structural neuroimaging of social cognition in progressive non-fluent aphasia and behavioral variant of frontotemporal dementia. Frontiers in Human Neuroscience, 2013, 7, 467. | 1.0 | 121 |
| 3238 | Functional and anatomical correlates of word-, sentence-, and discourse-level integration in sign language. Frontiers in Human Neuroscience, 2013, 7, 681. | 1.0 | 8 |
| 3239 | Individual structural differences in left inferior parietal area are associated with schoolchildrens' arithmetic scores. Frontiers in Human Neuroscience, 2013, 7, 844. | 1.0 | 38 |
| 3240 | Fast parallel image registration on CPU and GPU for diagnostic classification of Alzheimer's disease. Frontiers in Neuroinformatics, 2013, 7, 50. | 1.3 | 359 |
| 3241 | White matter correlates of cognitive domains in normal aging with diffusion tensor imaging. Frontiers in Neuroscience, 2013, 7, 32. | 1.4 | 129 |
| 3242 | Constructional Apraxia as a Distinctive Cognitive and Structural Brain Feature of Pre-Senile Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 38, 391-402. | 1.2 | 36 |
| 3243 | Radial Basis Function-Sparse Partial Least Squares for Application to Brain Imaging Data. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-7. | 0.7 | 11 |
| 3244 | Machine Learning Approaches: From Theory to Application in Schizophrenia. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-12. | 0.7 | 75 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3245 | Structural brain neuroimaging changes in obstructive sleep apnea. , 0, , 248-255. | | 0 |
| 3246 | Biological Markers and Genetic Factors of Major Depressive Disorder. , 0, , . | | 0 |
| 3247 | Motor Parkinson's disease and structure. , 0, , 26-43. | | 0 |
| 3249 | MR imaging of Parkinson's disease with cognitive impairment and dementia. , 0, , 44-56. | | 0 |
| 3250 | Structural and functional neuroimaging of restless legs syndrome and periodic limb movements in sleep. , 0, , 355-362. | | 0 |
| 3252 | Brain Structure MR Imaging Methods: Morphometry and Tractography. , 0, , . | | 1 |
| 3253 | A Study of Changes of Inversion Time Effect on Brain Volume of Normal Volunteers. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 286. | 0.1 | 2 |
| 3254 | Age-related Changes of White Matter in the Elderly Population Measured by Diffusion Tensor Imaging. OMICS Journal of Radiology, 2013, 01, . | 0.0 | 0 |
| 3255 | Deformation field correction to preserve topology for image registration. ESAIM Proceedings and Surveys, 2014, 45, 512-522. | 0.5 | 0 |
| 3256 | Functional Reorganization of the Default Mode Network across Chronic Pain Conditions. PLoS ONE, 2014, 9, e106133. | 1.1 | 423 |
| 3257 | Denoising MR Images Using Non-Local Means Filter with Combined Patch and Pixel Similarity. PLoS ONE, 2014, 9, e100240. | 1.1 | 29 |
| 3258 | Reduced Right Frontal Fractional Anisotropy Correlated with Early Elevated Plasma LDL Levels in Obese Young Adults. PLoS ONE, 2014, 9, e108180. | 1.1 | 21 |
| 3259 | BDNF Polymorphisms Are Linked to Poorer Working Memory Performance, Reduced Cerebellar and Hippocampal Volumes and Differences in Prefrontal Cortex in a Swedish Elderly Population. PLoS ONE, 2014, 9, e82707. | 1.1 | 40 |
| 3260 | Regional Gray Matter Volume Is Associated with Empathizing and Systemizing in Young Adults. PLoS ONE, 2014, 9, e84782. | 1.1 | 41 |
| 3261 | Connectivity Features for Identifying Cognitive Impairment in Presymptomatic Carotid Stenosis. PLoS ONE, 2014, 9, e85441. | 1.1 | 39 |
| 3262 | Frequent Seizures Are Associated with a Network of Gray Matter Atrophy in Temporal Lobe Epilepsy with or without Hippocampal Sclerosis. PLoS ONE, 2014, 9, e85843. | 1.1 | 59 |
| 3263 | The Self-Liking Brain: A VBM Study on the Structural Substrate of Self-Esteem. PLoS ONE, 2014, 9, e86430. | 1.1 | 30 |
| 3264 | Contrasting Prefrontal Cortex Contributions to Episodic Memory Dysfunction in Behavioural Variant Frontotemporal Dementia and Alzheimer's Disease. PLoS ONE, 2014, 9, e87778. | 1.1 | 36 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3265 | Relationship between Personality and Gray Matter Volume in Healthy Young Adults: A Voxel-Based Morphometric Study. PLoS ONE, 2014, 9, e88763. | 1.1 | 57 |
| 3266 | Apraxia and Motor Dysfunction in Corticobasal Syndrome. PLoS ONE, 2014, 9, e92944. | 1.1 | 26 |
| 3267 | DRD2/CHRNA5 Interaction on Prefrontal Biology and Physiology during Working Memory. PLoS ONE, 2014, 9, e95997. | 1.1 | 19 |
| 3268 | Optimizing the Magnetization-Prepared Rapid Gradient-Echo (MP-RAGE) Sequence. PLoS ONE, 2014, 9, e96899. | 1.1 | 42 |
| 3269 | The Gray Matter Volume of the Amygdala Is Correlated with the Perception of Melodic Intervals: A Voxel-Based Morphometry Study. PLoS ONE, 2014, 9, e99889. | 1.1 | 8 |
| 3270 | Spatial Patterns of Whole Brain Grey and White Matter Injury in Patients with Occult Spastic Diplegic Cerebral Palsy. PLoS ONE, 2014, 9, e100451. | 1.1 | 7 |
| 3271 | Longitudinal Brain White Matter Alterations in Minimal Hepatic Encephalopathy before and after Liver Transplantation. PLoS ONE, 2014, 9, e105887. | 1.1 | 27 |
| 3272 | Higher Media Multi-Tasking Activity Is Associated with Smaller Gray-Matter Density in the Anterior Cingulate Cortex. PLoS ONE, 2014, 9, e106698. | 1.1 | 87 |
| 3273 | Mobile Technologies in the Early Detection of Cognitive Decline. PLoS ONE, 2014, 9, e112197. | 1.1 | 80 |
| 3274 | Brain Structural Correlates of Risk-Taking Behavior and Effects of Peer Influence in Adolescents. PLoS ONE, 2014, 9, e112780. | 1.1 | 30 |
| 3275 | Grey and White Matter Correlates of Recent and Remote Autobiographical Memory Retrieval – Insights from the Dementias. PLoS ONE, 2014, 9, e113081. | 1.1 | 56 |
| 3276 | Training Synesthetic Letter-color Associations by Reading in Color. Journal of Visualized Experiments, 2014, , e50893. | 0.2 | 4 |
| 3277 | Patients with Poor Response to Antipsychotics Have a More Severe Pattern of Frontal Atrophy: A Voxel-Based Morphometry Study of Treatment Resistance in Schizophrenia. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 32 |
| 3278 | Plasma levels of 3-methoxy-4-hydroxyphenylglycol are associated with microstructural changes within the cerebellum in the early stage of first-episode schizophrenia: a longitudinal VBM study. Neuropsychiatric Disease and Treatment, 2014, 10, 2315. | 1.0 | 9 |
| 3279 | Do Manual and Voxel-Based Morphometry Measure the Same? A Proof of Concept Study. Frontiers in Psychiatry, 2014, 5, 39. | 1.3 | 19 |
| 3280 | Traumatic Spinal Cord Injury. , 2014, , 49-55. | | 1 |
| 3281 | Diffusion tensor imaging in Alzheimer's disease: insights into the limbic-diencephalic network and methodological considerations. Frontiers in Aging Neuroscience, 2014, 6, 266. | 1.7 | 96 |
| 3282 | Sex-related and tissue-specific effects of tobacco smoking on brain atrophy: assessment in a large longitudinal cohort of healthy elderly. Frontiers in Aging Neuroscience, 2014, 6, 299. | 1.7 | 26 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3283 | Framingham Coronary Heart Disease Risk Score Can be Predicted from Structural Brain Images in Elderly Subjects. Frontiers in Aging Neuroscience, 2014, 6, 300. | 1.7 | 7 |
| 3284 | Detaching from the negative by reappraisal: the role of right superior frontal gyrus (BA9/32). Frontiers in Behavioral Neuroscience, 2014, 8, 165. | 1.0 | 45 |
| 3285 | Frontal and temporal lobe contributions to emotional enhancement of memory in behavioral-variant frontotemporal dementia and Alzheimer's disease. Frontiers in Behavioral Neuroscience, 2014, 8, 225. | 1.0 | 33 |
| 3286 | Identifying endophenotypes of autism: a multivariate approach. Frontiers in Computational Neuroscience, 2014, 8, 60. | 1.2 | 27 |
| 3287 | Characterizing structural association alterations within brain networks in normal aging using Gaussian Bayesian networks. Frontiers in Computational Neuroscience, 2014, 8, 122. | 1.2 | 5 |
| 3288 | Spatial component analysis of MRI data for Alzheimer's disease diagnosis: a Bayesian network approach. Frontiers in Computational Neuroscience, 2014, 8, 156. | 1.2 | 14 |
| 3289 | Interhemispheric auditory connectivity: structure and function related to auditory verbal hallucinations. Frontiers in Human Neuroscience, 2014, 8, 55. | 1.0 | 49 |
| 3290 | Voxelwise meta-analysis of gray matter anomalies in progressive supranuclear palsy and Parkinson's disease using anatomic likelihood estimation. Frontiers in Human Neuroscience, 2014, 8, 63. | 1.0 | 32 |
| 3291 | Structural Changes Induced by Daily Music Listening in the Recovering Brain after Middle Cerebral Artery Stroke: A Voxel-Based Morphometry Study. Frontiers in Human Neuroscience, 2014, 8, 245. | 1.0 | 114 |
| 3292 | What contributes to individual differences in brain structure?. Frontiers in Human Neuroscience, 2014, 8, 262. | 1.0 | 51 |
| 3293 | Neuroanatomical substrates of action perception and understanding: an anatomic likelihood estimation meta-analysis of lesion-symptom mapping studies in brain injured patients. Frontiers in Human Neuroscience, 2014, 8, 344. | 1.0 | 114 |
| 3294 | Two Alzheimerââ,¬â"¢s disease risk genes increase entorhinal cortex volume in young adults. Frontiers in Human Neuroscience, 2014, 8, 779. | 1.0 | 20 |
| 3295 | Abnormal development of sensory-motor, visual temporal and parahippocampal cortex in children with learning disabilities and borderline intellectual functioning. Frontiers in Human Neuroscience, 2014, 8, 806. | 1.0 | 31 |
| 3296 | Neuroinformatics challenges to the structural, connectomic, functional and electrophysiological multimodal imaging of human traumatic brain injury. Frontiers in Neuroinformatics, 2014, 8, 19. | 1.3 | 16 |
| 3297 | Pydpiper: a flexible toolkit for constructing novel registration pipelines. Frontiers in Neuroinformatics, 2014, 8, 67. | 1.3 | 85 |
| 3298 | Cortical Volume Alterations in Conduct Disordered Adolescents with and without Bipolar Disorder. Journal of Clinical Medicine, 2014, 3, 416-431. | 1.0 | 10 |
| 3299 | Examining the Relationship between Head Trauma and Neurodegenerative Disease: A Review of Epidemiology, Pathology and Neuroimaging Techniques. , 2014, 04, . | | 32 |
| 3300 | Paradox Lost: Exploring the Clinical-Radiologic Dissociation Seen in Anti-NMDA Receptor Encephalitis. Epilepsy Currents, 2014, 14, 127-128. | 0.4 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3301 | Association of Hippocampal Atrophy With Cerebrospinal Fluid Antibodies Against the NR2 Subtype of the <i>N</i> â€Methylâ€ <scp>D</scp> â€Aspartate Receptor in Patients With Systemic Lupus Erythematosus and Patients With Primary Sjögren's Syndrome. Arthritis and Rheumatology, 2014, 66, 3387-3394. | 2.9 | 46 |
| 3302 | Reduced grey matter perfusion without volume loss in early relapsing-remitting multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 544-551. | 0.9 | 71 |
| 3303 | Increased neural activity during high working memory load predicts low relapse risk in alcohol dependence. Addiction Biology, 2014, 19, 402-414. | 1.4 | 67 |
| 3304 | A review of the use of magnetic resonance imaging in Parkinson's disease. Therapeutic Advances in Neurological Disorders, 2014, 7, 206-220. | 1.5 | 111 |
| 3305 | Toward Objective Markers of Concussion in Sport: A Review of White Matter and Neurometabolic Changes in the Brain after Sports-Related Concussion. Journal of Neurotrauma, 2014, 31, 413-424. | 1.7 | 51 |
| 3306 | Neurostatistical imaging for diagnosing dementia: translational approach from laboratory neuroscience to clinical routine. Neuroscience Bulletin, 2014, 30, 755-764. | 1.5 | 4 |
| 3307 | The correlation between gray matter volume and perceived social support: A voxel-based morphometry study. Social Neuroscience, 2014, 9, 152-159. | 0.7 | 23 |
| 3308 | Neuroanatomical Profiles of Deafness in the Context of Native Language Experience. Journal of Neuroscience, 2014, 34, 5613-5620. | 1.7 | 41 |
| 3309 | Image registration techniques using parallel computing in multicore environment and its applications in medical imaging: An overview. , 2014, , . | | 5 |
| 3310 | Neuroimaging chronic pain: what have we learned and where are we going?. Future Neurology, 2014, 9, 615-626. | 0.9 | 63 |
| 3311 | Beyond Classical Inheritance: The Influence of Maternal Genotype upon Child's Brain Morphology and Behavior. Journal of Neuroscience, 2014, 34, 9516-9521. | 1.7 | 9 |
| 3312 | Brain structural correlates of individual differences at low-to high-levels of the language processing hierarchy: A review of new approaches to imaging research. International Journal of Bilingualism, 2014, 18, 6-34. | 0.6 | 28 |
| 3313 | Early Musical Training Is Linked to Gray Matter Structure in the Ventral Premotor Cortex and Auditory–Motor Rhythm Synchronization Performance. Journal of Cognitive Neuroscience, 2014, 26, 755-767. | 1.1 | 89 |
| 3314 | Maximum-Margin Based Representation Learning from Multiple Atlases for Alzheimer's Disease Classification. Lecture Notes in Computer Science, 2014, 17, 212-219. | 1.0 | 7 |
| 3315 | Reconciling Variable Findings of White Matter Integrity in Major Depressive Disorder. Neuropsychopharmacology, 2014, 39, 1332-1339. | 2.8 | 57 |
| 3316 | Abnormal White Matter Integrity Related to Head Impact Exposure in a Season of High School Varsity Football. Journal of Neurotrauma, 2014, 31, 1617-1624. | 1.7 | 189 |
| 3317 | White matter atrophy in brain of neuromyelitis optica: a voxel-based morphometry study. Acta Radiologica, 2014, 55, 589-593. | 0.5 | 17 |
| 3318 | Progression in disability and regional grey matter atrophy in relapsing–remitting multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 202-213. | 1.4 | 30 |

| # 3319 | ARTICLE Modern Techniques of Epileptic Focus Localization. International Review of Neurobiology, 2014, 114, 245-278. | IF 0.9 | CITATIONS |
|-----------|---|-----------|-----------|
| 3320 | Quantitative application of the primary progressive aphasia consensus criteria. Neurology, 2014, 82, 1119-1126. | 1.5 | 147 |
| 3321 | Signed poisson map for shape analysis. , 2014, , . | | 0 |
| 3322 | Body mass index and brain structure in healthy children and adolescents. International Journal of Neuroscience, 2014, 124, 49-55. | 0.8 | 100 |
| 3323 | The Neural Substrates of Drawing: A Voxel-based Morphometry Analysis of Constructional, Hierarchical, and Spatial Representation Deficits. Journal of Cognitive Neuroscience, 2014, 26, 2701-2715. | 1.1 | 35 |
| 3324 | Structural and functional differences in medial prefrontal cortex underlie distractibility and suppression deficits in ageing. Nature Communications, 2014, 5, 4223. | 5.8 | 63 |
| 3325 | Reduced glucose uptake and Aβ in brain regions with hyperintensities in connected white matter. NeuroImage, 2014, 100, 684-691. | 2.1 | 24 |
| 3326 | Disentangling in vivo the effects of iron content and atrophy on the ageing human brain. NeuroImage, 2014, 103, 280-289. | 2.1 | 68 |
| 3327 | Apathy correlates with prefrontal amyloid deposition in Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 449-455. | 0.9 | 97 |
| 3328 | Impact of lingual gyrus volume on antidepressant response and neurocognitive functions in Major Depressive Disorder: A voxel-based morphometry study. Journal of Affective Disorders, 2014, 169, 179-187. | 2.0 | 99 |
| 3329 | Commonalities for Numerical and Continuous Quantity Skills at Temporo-parietal Junction. Journal of Cognitive Neuroscience, 2014, 26, 986-999. | 1.1 | 26 |
| 3330 | Computer-assisted diagnosis of Alzheimer's disease. , 2014, , . | | 2 |
| 3331 | Brain grey matter volume alterations in late-life depression. Journal of Psychiatry and Neuroscience, 2014, 39, 397-406. | 1.4 | 123 |
| 3332 | Association of cancer history with Alzheimer's disease onset and structural brain changes. Frontiers in Physiology, 2014, 5, 423. | 1.3 | 43 |
| 3333 | A Neural Circuit Covarying with Social Hierarchy in Macaques. PLoS Biology, 2014, 12, e1001940. | 2.6 | 133 |
| 3334 | A voxel based comparative analysis using magnetization transfer imaging and T1-weighted magnetic resonance imaging in progressive supranuclear palsy. Annals of Indian Academy of Neurology, 2014, 17, 193. | 0.2 | 8 |
| 3335 | Side of Limb-Onset Predicts Laterality of Gray Matter Loss in Amyotrophic Lateral Sclerosis. BioMed Research International, 2014, 2014, 1-11. | 0.9 | 18 |
| 3336 | Nonlocal Intracranial Cavity Extraction. International Journal of Biomedical Imaging, 2014, 2014, 1-11. | 3.0 | 49 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3337 | Sequential application of viscous opening and lower leveling for three-dimensional brain extraction on magnetic resonance imaging T1. Journal of Electronic Imaging, 2014, 23, 033010. | 0.5 | 1 |
| 3338 | Reduced Amygdala Volume Is Associated with Deficits in Inhibitory Control: A Voxel- and Surface-Based Morphometric Analysis of Comorbid PTSD/Mild TBI. BioMed Research International, 2014, 2014, 1-11. | 0.9 | 67 |
| 3339 | It's not all in your car: functional and structural correlates of exceptional driving skills in professional racers. Frontiers in Human Neuroscience, 2014, 8, 888. | 1.0 | 33 |
| 3340 | The medial frontal-prefrontal network for altered awareness and control of action in corticobasal syndrome. Brain, 2014, 137, 208-220. | 3.7 | 66 |
| 3341 | A graphical model approach to ATLAS-free mining of MRI images. , 2014, , . | | 0 |
| 3342 | Protocol for a prospective neuroimaging study investigating the supraspinal control of lower urinary tract function in healthy controls and patients with non-neurogenic lower urinary tract symptoms. BMJ Open, 2014, 4, e004357. | 0.8 | 5 |
| 3343 | A longitudinal VBM study monitoring treatment with erythropoietin in patients with Friedreich ataxia. Acta Radiologica Short Reports, 2014, 3, 204798161453157. | 0.7 | 14 |
| 3344 | Brain imaging of cognitively normal individuals with 2 parents affected by late-onset AD. Neurology, 2014, 82, 752-760. | 1.5 | 44 |
| 3345 | An integrated geometrical and stochastic approach for accurate infant brain extraction. , 2014, , . | | 6 |
| 3346 | Correlations between brain structures and study time at home in healthy children: a longitudinal analysis. Brain and Behavior, 2014, 4, 801-811. | 1.0 | 3 |
| 3347 | Joint source based analysis of multiple brain structures in studying major depressive disorder. Proceedings of SPIE, 2014, , . | 0.8 | 1 |
| 3348 | Three-dimensional brain magnetic resonance imaging segmentation via knowledge-driven decision theory. Journal of Medical Imaging, 2014, 1, 034001. | 0.8 | 1 |
| 3349 | A framework for joint image-and-shape analysis. , 2014, 9034, 90340V. | | 0 |
| 3350 | The Claustrum in Schizophrenia. , 2014, , 237-243. | | 8 |
| 3351 | Cross-Subject Comparison of Local Diffusion MRI Parameters. , 2014, , 209-239. | | 3 |
| 3352 | The tenth annual MLSP competition: Schizophrenia classification challenge. , 2014, , . | | 25 |
| 3353 | Functional, Structural, and Emotional Correlates of Impaired Insight in Cocaine Addiction. JAMA Psychiatry, 2014, 71, 61. | 6.0 | 86 |
| 3354 | Anterior Temporal Atrophy and Posterior Progression in Patients with Parkinson's Disease. Neurodegenerative Diseases, 2014, 14, 125-132. | 0.8 | 22 |

ARTICLE IF CITATIONS Temporal-lobe morphology differs between healthy adolescents and those with early-onset of 3355 35 1.4 depression. Neurolmage: Clinical, 2014, 6, 145-155. Neural correlates of transitive and intransitive action imitation: An investigation using voxel-based 1.4 morphometry. NeuroImage: Clinical, 2014, 6, 488-497. Regional gray matter density associated with emotional conflict resolution: Evidence from 3357 1.1 16 voxel-based morphometry. Neuroscience, 2014, 275, 500-507. ICA image feature extraction for improving diagnosis of Alzheimer's disease and mild cognitive impairment., 2014,,. Analysis of macular OCT images using deformable registration. Biomedical Optics Express, 2014, 5, 2196. 3359 1.5 28 In vivo imaging of transplanted stem cells in the central nervous system. Current Opinion in Genetics 3360 1.5 and Development, 2014, 28, 83-88. Identification of patterns of gray matter abnormalities in schizophrenia using source-based 3361 16 morphometry and bagging. , 2014, 2014, 1513-6. Altered structural covariance of the striatum in functional dyspepsia patients. 3362 1.6 19 Neurogastroenterology and Motility, 2014, 26, 1144-1154. 3363 White matter integrity in older females is altered by increased body fat. Obesity, 2014, 22, 2039-2046. 1.5 31 The Role of Diffusion Tensor Imaging in Detecting Microstructural Changes in Prodromal 3364 1.9 <scp>A</scp>lzheimer's Disease. CNS Neuroscience and Therapeutics, 2014, 20, 3-9. Evidence for both compensatory plastic and disuse atrophy-related neuroanatomical changes in the 3365 3.7 54 blind. Brain, 2014, 137, 1224-1240. Brain Structural Substrates of Reward Dependence during Behavioral Performance. Journal of 3366 Neuroscience, 2014, 34, 16433-16441. Genetic modifiers of cognitive maintenance among older adults. Human Brain Mapping, 2014, 35, 3367 1.9 14 4556-4565. Do preprocessing algorithms and statistical models influence voxel-based morphometry (VBM) results in amyotrophic lateral sclerosis patients? A systematic comparison of popular VBM analytical methods. Journal of Magnetic Resonance Imaging, 2014, 40, 662-667. 3368 1.9 Capturing multidimensionality in stroke aphasia: mapping principal behavioural components to neural 3369 173 3.7 structures. Brain, 2014, 137, 3248-3266. The Potential for Medicolegal Abuse: Diffusion Tensor Imaging in Traumatic Brain Injury. AJOB 3370 Neuroscience, 2014, 5, 9-15. Common marmoset as a new model animal for neuroscience research and genome editing technology. 3371 0.6 174 Development Growth and Differentiation, 2014, 56, 53-62. Midlife measurements of white matter microstructure predict subsequent regional white matter 3372

CITATION REPORT

atrophy in healthy adults. Human Brain Mapping, 2014, 35, 2044-2054.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3373 | Relationship Between Brain Volumetric Changes and Interim Drinking at Six Months in Alcoholâ€Dependent Patients. Alcoholism: Clinical and Experimental Research, 2014, 38, 739-748. | 1.4 | 73 |
| 3374 | Common and unique gray matter correlates of episodic memory dysfunction in frontotemporal dementia and alzheimer's disease. Human Brain Mapping, 2014, 35, 1422-1435. | 1.9 | 142 |
| 3375 | Brain Expansion in Patients With Type II Diabetes Following Insulin Therapy: A Preliminary Study With Longitudinal Voxelâ€Based Morphometry. Journal of Neuroimaging, 2014, 24, 484-491. | 1.0 | 9 |
| 3376 | Loss of cerebral white matter in primary <scp>S</scp> jögren's syndrome: a controlled volumetric magnetic resonance imaging study. European Journal of Neurology, 2014, 21, 1324-1329. | 1.7 | 14 |
| 3377 | Parahippocampal gray matter alterations in Spinocerebellar Ataxia Type 2 identified by voxel based morphometry. Journal of the Neurological Sciences, 2014, 347, 50-58. | 0.3 | 32 |
| 3378 | Preliminary structural MRI based brain classification of chronic pelvic pain: A MAPP network study. Pain, 2014, 155, 2502-2509. | 2.0 | 73 |
| 3379 | Functional Magnetic Resonance Imaging Processing. , 2014, , . | | 4 |
| 3380 | MRI evaluation of grey matter atrophy and disease course in multiple sclerosis: an overview of current knowledge. Acta Neurologica Scandinavica, 2014, 129, 32-36. | 1.0 | 14 |
| 3381 | Effect of SOHAM Meditation on Human Brain: A Voxelâ€Based Morphometry Study. Journal of Neuroimaging, 2014, 24, 187-190. | 1.0 | 13 |
| 3382 | Reversible functional connectivity disturbances during transient global amnesia. Annals of Neurology, 2014, 75, 634-643. | 2.8 | 54 |
| 3383 | Multivariate lesion-symptom mapping using support vector regression. Human Brain Mapping, 2014, 35, 5861-5876. | 1.9 | 241 |
| 3384 | MRI measures of corpus callosum iron and myelin in early Huntington's disease. Human Brain Mapping, 2014, 35, 3143-3151. | 1.9 | 42 |
| 3385 | Distinct functional and structural <scp>MRI</scp> abnormalities in mesial temporal lobe epilepsy with and without hippocampal sclerosis. Epilepsia, 2014, 55, 1187-1196. | 2.6 | 33 |
| 3386 | Shape analysis, a field in need of careful validation. Human Brain Mapping, 2014, 35, 4965-4978. | 1.9 | 24 |
| 3387 | Reversed hierarchy in the brain for general and specific cognitive abilities: A morphometric analysis. Human Brain Mapping, 2014, 35, 3805-3818. | 1.9 | 34 |
| 3388 | Evidence of reporting biases in voxel-based morphometry (VBM) studies of psychiatric and neurological disorders. Human Brain Mapping, 2014, 35, 3052-3065. | 1.9 | 50 |
| 3389 | Gray Matter Volume Reduction of Olfactory Cortices in Patients With Idiopathic Olfactory Loss. Chemical Senses, 2014, 39, 755-760. | 1.1 | 47 |
| 3390 | Statistical Shape Analysis of Neuroanatomical Structures via Level-Setbased Shape Morphing. SIAM Journal on Imaging Sciences, 2014, 7, 1645-1668. | 1.3 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3391 | Advances in Intravital Microscopy. , 2014, , . | | 4 |
| 3392 | Intensity inhomogeneity correction for magnetic resonance imaging of human brain at 7T. Medical Physics, 2014, 41, 022302. | 1.6 | 28 |
| 3393 | Multidimensional morphometric 3D MRI analyses for detecting brain abnormalities in children: Impact of control population. Human Brain Mapping, 2014, 35, 3199-3215. | 1.9 | 10 |
| 3394 | The role of dysfunctional attentional control networks in visual misperceptions in Parkinson's disease. Human Brain Mapping, 2014, 35, 2206-2219. | 1.9 | 111 |
| 3395 | Anatomical correlates of quality of life: Evidence from voxelâ€based morphometry. Human Brain Mapping, 2014, 35, 1834-1846. | 1.9 | 64 |
| 3396 | Shape abnormalities of subcortical and ventricular structures in mild cognitive impairment and Alzheimer's disease: Detecting, quantifying, and predicting. Human Brain Mapping, 2014, 35, 3701-3725. | 1.9 | 122 |
| 3397 | Assessment of ischemic penumbra in patients with hyperacute stroke using amide proton transfer (APT) chemical exchange saturation transfer (CEST) MRI. NMR in Biomedicine, 2014, 27, 163-174. | 1.6 | 144 |
| 3398 | Medical Computer Vision: Algorithms for Big Data. Lecture Notes in Computer Science, 2014, , . | 1.0 | 3 |
| 3399 | The miRâ€137 schizophrenia susceptibility variant rs1625579 does not predict variability in brain volume in a sample of schizophrenic patients and healthy individuals. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2014, 165, 467-471. | 1.1 | 17 |
| 3400 | Tissue specific arterial spin labeling fMRI: A superior method for imaging cerebral blood flow in aging and disease. , 2014, 2014, 6687-90. | | 4 |
| 3401 | Feasibility of semiautomated MR volumetry using gadoxetic acid–enhanced MRI at hepatobiliary phase for living liver donors. Magnetic Resonance in Medicine, 2014, 72, 640-645. | 1.9 | 16 |
| 3402 | Analysis of spatioâ€ŧemporal brain imaging patterns by hidden markov models and serial MRI images. Human Brain Mapping, 2014, 35, 4777-4794. | 1.9 | 15 |
| 3403 | Longâ€ŧerm neurobiological consequences of early postnatal hCMVâ€infection in former preterms. Human Brain Mapping, 2014, 35, 2594-2606. | 1.9 | 33 |
| 3404 | The social network-network: size is predicted by brain structure and function in the amygdala and paralimbic regions. Social Cognitive and Affective Neuroscience, 2014, 9, 1962-1972. | 1.5 | 114 |
| 3405 | Group-wise analysis on myelination profiles of cerebral cortex using the second eigenvector of Laplace-Beltrami operator. , 2014, , . | | 0 |
| 3406 | A quasi-local method for instantaneous frequency estimation with application to structural magnetic resonance images. , 2014, 2014, 1477-80. | | 0 |
| 3407 | Nutrient intake and brain biomarkers of Alzheimer's disease in at-risk cognitively normal individuals: a cross-sectional neuroimaging pilot study. BMJ Open, 2014, 4, e004850-e004850. | 0.8 | 66 |
| 3408 | Brain structural basis of cognitive reappraisal and expressive suppression. Social Cognitive and Affective Neuroscience, 2014, 9, 1435-1442. | 1.5 | 72 |

| | CHATION R | | |
|------|--|-----|-----------|
| # | Article | IF | Citations |
| 3409 | Brain Changes in Kallmann Syndrome. American Journal of Neuroradiology, 2014, 35, 1700-1706. | 1.2 | 28 |
| 3410 | Alternations of functional connectivity in amblyopia patients: a resting-state fMRI study. Proceedings of SPIE, 2014, , . | 0.8 | 2 |
| 3411 | White Matter Integrity Determined With Diffusion Tensor Imaging in Older Adults Without Dementia. JAMA Neurology, 2014, 71, 1547. | 4.5 | 57 |
| 3412 | Greater Loss of White Matter Integrity in Postural Instability and Gait Difficulty Subtype of Parkinson's Disease. Canadian Journal of Neurological Sciences, 2014, 41, 763-768. | 0.3 | 28 |
| 3413 | Structural and Functional Brain Changes in Middle-Aged Type 2 Diabetic Patients: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2014, 40, 375-386. | 1.2 | 58 |
| 3414 | Cognitive Dysfunctions in Middle-Aged Type 2 Diabetic Patients and Neuroimaging Correlations: A Cross-Sectional Study. Journal of Alzheimer's Disease, 2014, 42, 1337-1346. | 1.2 | 66 |
| 3416 | Distinct patterns of cortical atrophy in ALS patients with or without dementia: An MRI VBM study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 216-225. | 1.1 | 32 |
| 3417 | Spatial covariance analysis for non-demented adults with Down Syndrome. , 2014, , . | | 3 |
| 3418 | The voice of conscience: neural bases of interpersonal guilt and compensation. Social Cognitive and Affective Neuroscience, 2014, 9, 1150-1158. | 1.5 | 75 |
| 3419 | Cerebral anatomical changes in female asthma patients with and without depression compared to healthy controls and patients with depression. Journal of Asthma, 2014, 51, 927-933. | 0.9 | 22 |
| 3420 | Neural correlates of impaired emotion processing in manifest Huntington's disease. Social Cognitive and Affective Neuroscience, 2014, 9, 671-680. | 1.5 | 44 |
| 3421 | Migraine and structural abnormalities in the brain. Current Opinion in Neurology, 2014, 27, 309-314. | 1.8 | 66 |
| 3422 | Pathologic and Imaging Correlates of Cognitive Deficits in Multiple Sclerosis. Cognitive and Behavioral Neurology, 2014, 27, 1-7. | 0.5 | 5 |
| 3423 | A robust comparative study of five brain extraction algorithms (BET; BSE; McStrip; SPM2; TMBE). , 2014, , . | | 4 |
| 3424 | Cortical and Subcortical Atrophy in Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2014, 28, 65-72. | 0.6 | 49 |
| 3425 | The contribution of regional gray/white matter volume in preclinical depression assessed by the Automatic Thoughts Questionnaire. NeuroReport, 2014, 25, 1030-1037. | 0.6 | 4 |
| 3426 | Biomarkers for Alzheimer's Disease and Frontotemporal Lobar Degeneration: Imaging. , 2014, , 159-178. | | 0 |
| 3427 | Alterations in brain structure in adults with anorexia nervosa and the impact of illness duration. Psychological Medicine, 2014, 44, 1965-1975. | 2.7 | 79 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3428 | Dynamics of Learning in Neanderthals and Modern Humans Volume 2. , 2014, , . | | 3 |
| 3429 | Reduced gray matter volume in the anterior cingulate, orbitofrontal cortex and thalamus as a function of mild depressive symptoms: a voxel-based morphometric analysis. Psychological Medicine, 2014, 44, 2833-2843. | 2.7 | 108 |
| 3430 | Brain Morphometry and the Neurobiology of Levodopa-Induced Dyskinesias: Current Knowledge and Future Potential for Translational Pre-Clinical Neuroimaging Studies. Frontiers in Neurology, 2014, 5, 95. | 1.1 | 23 |
| 3431 | The Utility of Neuroimaging in the Differential Diagnosis of Parkinsonian Syndromes. Seminars in Neurology, 2014, 34, 202-209. | O.5 | 26 |
| 3432 | Investigation of resolution effects using a specialized diffusion tensor phantom. Magnetic Resonance in Medicine, 2014, 71, 1108-1116. | 1.9 | 27 |
| 3433 | Interpolation of longitudinal shape and image data via optimal mass transport. Proceedings of SPIE, 2014, 9034, 90342X. | 0.8 | 1 |
| 3434 | Multivariate Classification of Structural MRI Data Detects Chronic Low Back Pain. Cerebral Cortex, 2014, 24, 1037-1044. | 1.6 | 155 |
| 3435 | Partial volume effect modeling for segmentation and tissue classification of brain magnetic resonance images: A review. World Journal of Radiology, 2014, 6, 855. | 0.5 | 66 |
| 3436 | Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. Cerebral Cortex, 2014, 24, 2541-2552. | 1.6 | 86 |
| 3437 | Childhood Maltreatment, Altered Limbic Neurobiology, and Substance Use Relapse Severity via Trauma-Specific Reductions in Limbic Gray Matter Volume. JAMA Psychiatry, 2014, 71, 917. | 6.0 | 114 |
| 3438 | Assessment of Injured Spinal Cord Using Diffusion Tensor Tractography. , 2014, , 345-365. | | 0 |
| 3439 | Structural Differences in Gray Matter between Glider Pilots and Non-Pilots. A Voxel-Based Morphometry Study. Frontiers in Neurology, 2014, 5, 248. | 1.1 | 3 |
| 3440 | Fractal Structure and Entropy Production within the Central Nervous System. Entropy, 2014, 16, 4497-4520. | 1.1 | 18 |
| 3441 | DWI-Based Neural Fingerprinting Technology: A Preliminary Study on Stroke Analysis. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 2 |
| 3442 | Structural brain abnormalities are related to retinal nerve fiber layer thinning and disease duration in neuromyelitis optica spectrum disorders. Multiple Sclerosis Journal, 2014, 20, 1189-1197. | 1.4 | 70 |
| 3443 | Structural and functional bases of inhibited temperament. Social Cognitive and Affective Neuroscience, 2014, 9, 2049-2058. | 1.5 | 49 |
| 3444 | Exploring cerebral networks in cluster headache: Insights and perspectives. Cephalalgia, 2014, 34, 323-324. | 1.8 | 0 |
| 3445 | Structural Abnormalities in Schizophrenia: Further Evidence on the Key Role of the Anterior Cingulate Cortex. Neuropsychobiology, 2014, 69, 52-58. | 0.9 | 17 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3446 | Advantages and Challenges of Small Animal Magnetic Resonance Imaging as a Translational Tool. Neuropsychobiology, 2014, 69, 187-201. | 0.9 | 65 |
| 3447 | Microstructural Brain Tissue Damage in Metabolic Syndrome. Diabetes Care, 2014, 37, 493-500. | 4.3 | 49 |
| 3448 | Phenotype Matters. Clinical Journal of Pain, 2014, 30, 839-845. | 0.8 | 20 |
| 3449 | Neural plasticity in fathers of human infants. Social Neuroscience, 2014, 9, 522-535. | 0.7 | 163 |
| 3450 | Computer Aided Diagnosis System Feature Extraction of Alzheimer Disease Using MFCC. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2014, 6, 65-78. | 0.5 | 4 |
| 3451 | Associations between age and gray matter volume in anatomical brain networks in middleâ€aged to older adults. Aging Cell, 2014, 13, 1068-1074. | 3.0 | 106 |
| 3452 | Episodic memory impairments in bipolar disorder are associated with functional and structural brain changes. Bipolar Disorders, 2014, 16, 830-845. | 1.1 | 33 |
| 3453 | Anatomic Differences in Early Blindness: A Deformationâ€Based Morphometry MRI Study. Journal of Neuroimaging, 2014, 24, 68-73. | 1.0 | 19 |
| 3454 | Tract-based spatial statistics analysis of diffusion-tensor imaging data in pediatric- and adult-onset multiple sclerosis. Human Brain Mapping, 2014, 35, 53-60. | 1.9 | 14 |
| 3455 | Multivariate pattern analysis reveals subtle brain anomalies relevant to the cognitive phenotype in neurofibromatosis type 1. Human Brain Mapping, 2014, 35, 89-106. | 1.9 | 37 |
| 3456 | Reduced specificity of functional connectivity in the aging brain during task performance. Human Brain Mapping, 2014, 35, 319-330. | 1.9 | 159 |
| 3457 | Key functional circuitry altered in schizophrenia involves parietal regions associated with sense of self. Human Brain Mapping, 2014, 35, 123-139. | 1.9 | 73 |
| 3458 | Detecting emotion in others: increased insula and decreased medial prefrontal cortex activation during emotion processing in elite adventure racers. Social Cognitive and Affective Neuroscience, 2014, 9, 225-231. | 1.5 | 18 |
| 3459 | A spatio-temporal latent atlas for semi-supervised learning of fetal brain segmentations and morphological age estimation. Medical Image Analysis, 2014, 18, 9-21. | 7.0 | 45 |
| 3461 | Hippocampal perivascular spaces are related to aging and blood pressure but not to cognition. Neurobiology of Aging, 2014, 35, 2118-2125. | 1.5 | 40 |
| 3462 | Gray matter volume abnormalities in type 2 diabetes mellitus with and without mild cognitive impairment. Neuroscience Letters, 2014, 562, 1-6. | 1.0 | 71 |
| 3463 | Gamma Aminobutyric Acidergic and Neuronal Structural Markers in the Nucleus Accumbens Core Underlie Trait-like Impulsive Behavior. Biological Psychiatry, 2014, 75, 115-123. | 0.7 | 81 |
| 3464 | A combined effect of two Alzheimer's risk genes on medial temporal activity during executive attention in young adults. Neuropsychologia, 2014, 56, 1-8. | 0.7 | 26 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 3465 | Disentangling possible effects of childhood physical abuse on gray matter changes in violent offenders with psychopathy. Psychiatry Research - Neuroimaging, 2014, 221, 123-126. | 0.9 | 23 |
| 3466 | Time course of brain volume changes in the preclinical phase of Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 143. | 0.4 | 52 |
| 3467 | Foldover-free shape deformation for biomedicine. Journal of Biomedical Informatics, 2014, 48, 137-147. | 2.5 | 2 |
| 3468 | Exploration of scanning effects in multi-site structural MRI studies. Journal of Neuroscience Methods, 2014, 230, 37-50. | 1.3 | 112 |
| 3469 | Discovering brain regions relevant to obsessive–compulsive disorder identification through bagging and transduction. Medical Image Analysis, 2014, 18, 435-448. | 7.0 | 32 |
| 3470 | Brain MRI of nasal MOG therapeutic effect in relapsing-progressive EAE. Experimental Neurology, 2014, 255, 63-70. | 2.0 | 19 |
| 3471 | Effects of study design in multi-scanner voxel-based morphometry studies. NeuroImage, 2014, 84, 133-140. | 2.1 | 52 |
| 3472 | Dynamics of brain activity underlying working memory for music in a naturalistic condition. Cortex, 2014, 57, 254-269. | 1.1 | 59 |
| 3473 | Correspondence of executive function related functional and anatomical alterations in aging brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 41-50. | 2.5 | 55 |
| 3474 | Exploring ageâ€related brain degeneration in meditation practitioners. Annals of the New York Academy of Sciences, 2014, 1307, 82-88. | 1.8 | 57 |
| 3475 | Unsupervised Segmentation, Clustering, and Groupwise Registration of Heterogeneous Populations of Brain MR Images. IEEE Transactions on Medical Imaging, 2014, 33, 201-224. | 5.4 | 39 |
| 3476 | Long-Term Oral Methylphenidate Treatment in Adolescent and Adult Rats: Differential Effects on Brain Morphology and Function. Neuropsychopharmacology, 2014, 39, 263-273. | 2.8 | 32 |
| 3477 | Striatal volume is related to phonemic verbal fluency but not to semantic or alternating verbal fluency in early Parkinson's disease. Journal of Neural Transmission, 2014, 121, 33-40. | 1.4 | 32 |
| 3478 | Morphometric analyses of the visual pathways inÂmacular degeneration. Cortex, 2014, 56, 99-110. | 1.1 | 62 |
| 3479 | Exploration of the relationships between regional grey matter atrophy and cognition in multiple sclerosis. Brain Imaging and Behavior, 2014, 8, 378-386. | 1.1 | 41 |
| 3480 | A novel PBL-McRBFN-RFE approach for identification of critical brain regions responsible for Parkinson's disease. Expert Systems With Applications, 2014, 41, 478-488. | 4.4 | 56 |
| 3481 | Influence of magnetic field strength and image registration strategy on voxelâ€based morphometry in a study of Alzheimer's disease. Human Brain Mapping, 2014, 35, 1865-1874. | 1.9 | 29 |
| 3482 | Sex-specific gray matter volume differences in females with developmental dyslexia. Brain Structure and Function, 2014, 219, 1041-1054. | 1.2 | 58 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3483 | Changes in cerebral morphometry and amplitude of low-frequency fluctuations of BOLD signals during healthy aging: correlation with inhibitory control. Brain Structure and Function, 2014, 219, 983-994. | 1.2 | 85 |
| 3484 | The eye of the self: precuneus volume and visual perspective during autobiographical memory retrieval. Brain Structure and Function, 2014, 219, 959-968. | 1.2 | 127 |
| 3485 | Comprehensive morphometry of subcortical grey matter structures in earlyâ€stage Parkinson's disease. Human Brain Mapping, 2014, 35, 1681-1690. | 1.9 | 84 |
| 3486 | Progranulin-associated PiB-negative logopenic primary progressive aphasia. Journal of Neurology, 2014, 261, 604-614. | 1.8 | 69 |
| 3487 | The impact of glucose disorders on cognition and brain volumes in the elderly: the Sydney Memory and Ageing Study. Age, 2014, 36, 977-993. | 3.0 | 57 |
| 3488 | Magnetic resonance of the brain in chronic and acute liver failure. Metabolic Brain Disease, 2014, 29, 937-944. | 1.4 | 19 |
| 3489 | Neuroprotection and Regeneration of the Spinal Cord. , 2014, , . | | 2 |
| 3490 | Differentially Disrupted Functional Connectivity in Posteromedial Cortical Subregions in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 39, 527-543. | 1.2 | 26 |
| 3491 | Is meditation associated with altered brain structure? A systematic review and meta-analysis of morphometric neuroimaging in meditation practitioners. Neuroscience and Biobehavioral Reviews, 2014, 43, 48-73. | 2.9 | 569 |
| 3492 | Microstructural changes of the nucleus accumbens due to increase of estradiol level during menstrual cycle contribute to recurrent manic episodes—A single case study. Psychiatry Research - Neuroimaging, 2014, 221, 149-154. | 0.9 | 3 |
| 3493 | Prediction of individual season of birth using MRI. NeuroImage, 2014, 88, 61-68. | 2.1 | 13 |
| 3494 | Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. Human Brain Mapping, 2014, 35, 4236-4248. | 1.9 | 142 |
| 3495 | Motor function deficits in schizophrenia: an fMRI and VBM study. Neuroradiology, 2014, 56, 413-422. | 1.1 | 24 |
| 3496 | Higher Gait Variability is Associated with Decreased Parietal Gray Matter Volume Among Healthy Older Adults. Brain Topography, 2014, 27, 293-295. | 0.8 | 44 |
| 3497 | Cortical Signature of Neurological Soft Signs in Recent Onset Schizophrenia. Brain Topography, 2014, 27, 296-306. | 0.8 | 42 |
| 3498 | Childhood adversity is linked to differential brain volumes in adolescents with alcohol use disorder: a voxel-based morphometry study. Metabolic Brain Disease, 2014, 29, 311-321. | 1.4 | 36 |
| 3499 | Efficient Parallel Transport of Deformations in Time Series of Images: From Schild's to Pole Ladder. Journal of Mathematical Imaging and Vision, 2014, 50, 5-17. | 0.8 | 34 |
| 3500 | Paralimbic Gray Matter Reductions in Incarcerated Adolescent Females with Psychopathic Traits. Journal of Abnormal Child Psychology, 2014, 42, 659-668. | 3.5 | 57 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3501 | Methodological improvements in voxelâ€based analysis of diffusion tensor images: Applications to study the impact of apolipoprotein E on white matter integrity. Journal of Magnetic Resonance Imaging, 2014, 39, 387-397. | 1.9 | 6 |
| 3502 | Database of normal japanese gray matter volumes in the default mode network. Journal of Magnetic Resonance Imaging, 2014, 39, 132-142. | 1.9 | 4 |
| 3503 | Regional covariance patterns of gray matter alterations in Alzheimer's disease and its replicability evaluation. Journal of Magnetic Resonance Imaging, 2014, 39, 143-149. | 1.9 | 9 |
| 3504 | Validation of the automated method VIENA: An accurate, precise, and robust measure of ventricular enlargement. Human Brain Mapping, 2014, 35, 1101-1110. | 1.9 | 32 |
| 3505 | Morphological Brain Changes in Chronic Pain. , 2014, , 15-40. | | 5 |
| 3506 | Right anterior temporal lobe dysfunction underlies theory of mind impairments in semantic dementia. Brain, 2014, 137, 1241-1253. | 3.7 | 142 |
| 3507 | Midsagittal brain variation and <scp>MRI</scp> shape analysis of the precuneus in adult individuals. Journal of Anatomy, 2014, 224, 367-376. | 0.9 | 48 |
| 3508 | Pain sensitivity is inversely related to regional grey matter density in the brain. Pain, 2014, 155, 566-573. | 2.0 | 100 |
| 3509 | Anatomical correlates of reward-seeking behaviours in behavioural variant frontotemporal dementia. Brain, 2014, 137, 1621-1626. | 3.7 | 84 |
| 3510 | Neurodegenerative Diseases. , 2014, , . | | 3 |
| 3511 | Reduced ventral medial prefrontal cortex (vmPFC) volume and impaired vmPFC-default mode network integration in codeine-containing cough syrups users. Drug and Alcohol Dependence, 2014, 134, 314-321. | 1.6 | 23 |
| 3512 | Drawing on the right side of the brain: A voxel-based morphometry analysis of observational drawing. NeuroImage, 2014, 96, 167-173. | 2.1 | 42 |
| 3513 | A voxelâ€based morphometry and diffusion tensor imaging analysis of asymptomatic Parkinson's diseaseâ€felated G2019S LRRK2 mutation carriers. Movement Disorders, 2014, 29, 823-827. | 2.2 | 20 |
| 3514 | Cortical atrophy, reduced integrity of white matter and cognitive impairment in subcortical vascular dementia of <scp>B</scp> inswanger type. Psychiatry and Clinical Neurosciences, 2014, 68, 821-832. | 1.0 | 15 |
| 3515 | Processing demands upon cognitive, linguistic, and articulatory functions promote grey matter plasticity in the adult multilingual brain: Insights from simultaneous interpreters. Cortex, 2014, 54, 179-189. | 1.1 | 73 |
| 3516 | When apperceptive agnosia is explained by a deficit of primary visual processing. Cortex, 2014, 52, 12-27. | 1.1 | 21 |
| 3517 | Discerning Mild Cognitive ImpairmentÂand Alzheimer DiseaseÂfrom Normal Aging. Academic Radiology, 2014, 21, 597-604. | 1.3 | 7 |
| 3518 | Reduced cortical and subcortical volumes in female adolescents with borderline personality disorder. Psychiatry Research - Neuroimaging, 2014, 221, 179-186. | 0.9 | 20 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3519 | Structural brain alterations in children an average of 5Âyears after surgery and chemotherapy for brain tumors. Journal of Neuro-Oncology, 2014, 119, 317-326. | 1.4 | 10 |
| 3520 | Neuropsychiatric symptoms in Alzheimer's disease are related to functional connectivity alterations in the salience network. Human Brain Mapping, 2014, 35, 1237-1246. | 1.9 | 137 |
| 3521 | Regional gray matter volume increases following 7 days of voluntary wheel running exercise: A longitudinal VBM study in rats. NeuroImage, 2014, 98, 82-90. | 2.1 | 47 |
| 3522 | The brain structure correlates of individual differences in trait mindfulness: A voxel-based morphometry study. Neuroscience, 2014, 272, 21-28. | 1.1 | 44 |
| 3523 | Clinical and imaging characterization of progressive spastic dysarthria. European Journal of Neurology, 2014, 21, 368-376. | 1.7 | 25 |
| 3524 | Gray matter differences contribute to variation in cognitive performance in Parkinson's disease. European Journal of Neurology, 2014, 21, 245-252. | 1.7 | 7 |
| 3525 | Function–structure associations of the brain: Evidence from multimodal connectivity and covariance studies. NeuroImage, 2014, 102, 11-23. | 2.1 | 136 |
| 3526 | Source-based morphometry reveals distinct patterns of aberrant brain volume in delusional infestation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 112-116. | 2.5 | 29 |
| 3527 | Differential effects of the ApoE4 genotype on brain structure and function. NeuroImage, 2014, 89, 81-91. | 2.1 | 57 |
| 3528 | Cannabis Use Is Quantitatively Associated with Nucleus Accumbens and Amygdala Abnormalities in Young Adult Recreational Users. Journal of Neuroscience, 2014, 34, 5529-5538. | 1.7 | 213 |
| 3529 | Frontotemporal Cortical Thinning in Amyotrophic Lateral Sclerosis. American Journal of Neuroradiology, 2014, 35, 304-310. | 1.2 | 24 |
| 3530 | Visceral sensitivity correlates with decreased regional gray matter volume in healthy volunteers: A voxel-based morphometry study. Pain, 2014, 155, 244-249. | 2.0 | 49 |
| 3531 | Developmental changes in effective connectivity associated with relational reasoning. Human Brain Mapping, 2014, 35, 3262-3276. | 1.9 | 26 |
| 3532 | Cerebral gray matter volumes and low-frequency fluctuation of BOLD signals in cocaine dependence: Duration of use and gender difference. Drug and Alcohol Dependence, 2014, 134, 51-62. | 1.6 | 60 |
| 3533 | The structural–functional connectome and the default mode network of the human brain. NeuroImage, 2014, 102, 142-151. | 2.1 | 283 |
| 3534 | Temporal and spatial evolution of grey matter atrophy in primary progressive multiple sclerosis. NeuroImage, 2014, 86, 257-264. | 2.1 | 44 |
| 3535 | Impaired Prefrontal Sleep Spindle Regulation of Hippocampal-Dependent Learning in Older Adults. Cerebral Cortex, 2014, 24, 3301-3309. | 1.6 | 117 |
| 3537 | A voxel-based morphometry study of young occasional users of amphetamine-type stimulants and cocaine. Drug and Alcohol Dependence, 2014, 135, 104-111. | 1.6 | 36 |

| | | CITATION REPORT | | |
|------|--|----------------------------|-----|-----------|
| # | Article | | IF | Citations |
| 3538 | Neuroimaging of Epilepsy: Lesions, Networks, Oscillations. Clinical Neuroradiology, 202 | 14, 24, 5-15. | 1.0 | 20 |
| 3539 | Grey matter abnormalities in untreated hyperthyroidism: A voxel-based morphometry s DARTEL approach. European Journal of Radiology, 2014, 83, e43-e48. | tudy using the | 1.2 | 45 |
| 3540 | Different Brains Process Numbers Differently: Structural Bases of Individual Differences and Nonspatial Number Representations. Journal of Cognitive Neuroscience, 2014, 26, | | 1.1 | 29 |
| 3541 | Neuronal basis of speech comprehension. Hearing Research, 2014, 307, 121-135. | | 0.9 | 59 |
| 3542 | Advanced Neuroimaging of Mild Traumatic Brain Injury. Neurologic Clinics, 2014, 32, 3 | 1-58. | 0.8 | 37 |
| 3543 | Gender-specific neuroanatomical basis of behavioral inhibition/approach systems (BIS/I sample of young adults: A voxel-based morphometric investigation. Behavioural Brain F 274, 400-408. | | 1.2 | 81 |
| 3544 | Diagnostic classification of arterial spin labeling and structural MRI in presenile early st dementia. Human Brain Mapping, 2014, 35, 4916-4931. | age | 1.9 | 80 |
| 3545 | Support vector machines in engineering: an overview. Wiley Interdisciplinary Reviews: Knowledge Discovery, 2014, 4, 234-267. | Data Mining and | 4.6 | 137 |
| 3546 | Reduction of confounding effects with voxel-wise Gaussian process regression in struc 2014, , . | tural MRI. , | | 8 |
| 3547 | Quantitative comparison of cortical and deep grey matter in pathological subtypes of i cerebral palsy. Developmental Medicine and Child Neurology, 2014, 56, 968-975. | unilateral | 1.1 | 24 |
| 3548 | No Regional Gray Matter Atrophy Differences between Pediatric―and Adultâ€Onset F Multiple Sclerosis. Journal of Neuroimaging, 2014, 24, 63-67. | ≀elapsingâ€Remitting | 1.0 | 3 |
| 3549 | Thickening of the somatosensory cortex in migraine without aura. Cephalalgia, 2014, 3 | 4, 1125-1133. | 1.8 | 53 |
| 3550 | Biofeedbackâ€based training for stress management in daily hassles: an intervention s Behavior, 2014, 4, 566-579. | tudy. Brain and | 1.0 | 33 |
| 3551 | Central nervous system imaging in diabetic cerebrovascular diseases and white matter hyperintensities. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn | | 1.0 | 7 |
| 3552 | Functional and structural changes in the brain associated with the increase in muscle s nerve activity in obstructive sleep apnoea. NeuroImage: Clinical, 2014, 6, 275-283. | ympathetic | 1.4 | 73 |
| 3553 | Longitudinal white matter changes in frontotemporal dementia subtypes. Human Brair 35, 3547-3557. | Mapping, 2014, | 1.9 | 77 |
| 3554 | Gray matter volume correlates of global positive alcohol expectancy in nonâ€depender Addiction Biology, 2014, 19, 895-906. | it adult drinkers. | 1.4 | 15 |
| 3555 | Voxel-based morphometry and arterial spin labeling fMRI reveal neuropathic and neuro features of brain processing of itch in end-stage renal disease. Journal of Neurophysiolo 1729-1738. | plastic 9gy, 2014, 112, | 0.9 | 89 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3556 | Identifying with fictive characters: structural brain correlates of the personality trait â€~fantasy'. Social Cognitive and Affective Neuroscience, 2014, 9, 1836-1844. | 1.5 | 20 |
| 3557 | Neuroanatomy Predicts Individual Risk Attitudes. Journal of Neuroscience, 2014, 34, 12394-12401. | 1.7 | 63 |
| 3558 | Auto-encoding of discriminating morphometry from cardiac MRI. , 2014, 2014, 217-221. | | 0 |
| 3559 | Automated tract extraction via atlas based Adaptive Clustering. NeuroImage, 2014, 102, 596-607. | 2.1 | 36 |
| 3560 | Depicting the inner and outer nose: The representation of the nose and the nasal mucosa on the human primary somatosensory cortex (SI). Human Brain Mapping, 2014, 35, 4751-4766. | 1.9 | 6 |
| 3561 | Current Smoking and Reduced Gray Matter Volume—a Voxel-Based Morphometry Study. Neuropsychopharmacology, 2014, 39, 2594-2600. | 2.8 | 138 |
| 3562 | Extracting Salient Brain Patterns for Imaging-Based Classification of Neurodegenerative Diseases. IEEE Transactions on Medical Imaging, 2014, 33, 1262-1274. | 5.4 | 35 |
| 3563 | Visualization and Processing of Tensors and Higher Order Descriptors for Multi-Valued Data. Mathematics and Visualization, 2014, , . | 0.4 | 6 |
| 3564 | Voxel-based morphometry study of the insular cortex in bipolar depression. Psychiatry Research - Neuroimaging, 2014, 224, 89-95. | 0.9 | 13 |
| 3565 | Voxelwise meta-analysis of gray matter abnormalities in dementia with Lewy bodies. European Journal of Radiology, 2014, 83, 1870-1874. | 1.2 | 43 |
| 3566 | Standardization of MRI and Amyloid Imaging. , 2014, , 131-156. | | 2 |
| 3567 | Impact of alcohol consumption in healthy adults: A magnetic resonance imaging investigation. Psychiatry Research - Neuroimaging, 2014, 224, 96-103. | 0.9 | 8 |
| 3568 | Insights from magnetic resonance imaging. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 115-149. | 1.0 | 19 |
| 3569 | Imaging proteomics for diagnosis, monitoring and prediction of Alzheimer's disease. NeuroImage, 2014, 102, 657-665. | 2.1 | 22 |
| 3570 | An automatic framework for quantitative validation of voxel based morphometry measures of anatomical brain asymmetry. Neurolmage, 2014, 100, 444-459. | 2.1 | 11 |
| 3571 | Comparing voxel-based iterative sensitivity and voxel-based morphometry to detect abnormalities in T2-weighted MRI. NeuroImage, 2014, 100, 379-384. | 2.1 | 1 |
| 3572 | A geneâ^'brainâ^'cognition pathway for the effect of an Alzheimer׳s risk gene on working memory in young adults. Neuropsychologia, 2014, 61, 143-149. | 0.7 | 19 |
| 3573 | The Use of Magnetic Resonance Imaging (MRI) in Eating Disorders. , 2014, , 341-355. | | 0 |

| # 3574 | ARTICLE Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. , 2014, , 371-422. | IF | CITATIONS 0 |
|-----------|--|-----|----------------|
| 3575 | Tools for multiple granularity analysis of brain MRI data for individualized image analysis. NeuroImage, 2014, 101, 168-176. | 2.1 | 52 |
| 3576 | Morphometry of anatomical shape complexes with dense deformations and sparse parameters. NeuroImage, 2014, 101, 35-49. | 2.1 | 195 |
| 3577 | Energy landscape and dynamics of brain activity during human bistable perception. Nature Communications, 2014, 5, 4765. | 5.8 | 87 |
| 3578 | Regional Manifold Learning for Disease Classification. IEEE Transactions on Medical Imaging, 2014, 33, 1236-1247. | 5.4 | 18 |
| 3579 | Magnetic resonance imaging striatal volumes: A biomarker for clinical trials in Huntington's disease. Movement Disorders, 2014, 29, 1429-1433. | 2.2 | 23 |
| 3580 | Fractional anisotropy asymmetry and the side of seizure origin for partial onset-temporal lobe epilepsy. Computerized Medical Imaging and Graphics, 2014, 38, 481-489. | 3.5 | 6 |
| 3581 | The evolution of primary progressive apraxia of speech. Brain, 2014, 137, 2783-2795. | 3.7 | 134 |
| 3582 | Gray matter anomalies in anterior cingulate cortex as a correlate of depressive symptoms in drug-naìve idiopathic restless legs syndrome. Neuroscience, 2014, 277, 1-5. | 1.1 | 8 |
| 3583 | The architecture of the chess player× ³ s brain. Neuropsychologia, 2014, 62, 152-162. | 0.7 | 55 |
| 3584 | Emotional and Behavioral Symptoms in Neurodegenerative Disease: A Model for Studying the Neural Bases of Psychopathology. Annual Review of Clinical Psychology, 2014, 10, 581-606. | 6.3 | 139 |
| 3585 | Brain alterations in paedophilia: A critical review. Progress in Neurobiology, 2014, 122, 1-23. | 2.8 | 86 |
| 3586 | Multiâ€atlas based representations for Alzheimer's disease diagnosis. Human Brain Mapping, 2014, 35, 5052-5070. | 1.9 | 62 |
| 3587 | Effects of a novel schizophrenia risk variant rs7914558 at <i>CNNM2</i> on brain structure and attributional style. British Journal of Psychiatry, 2014, 204, 115-121. | 1.7 | 30 |
| 3588 | Protocol for a prospective magnetic resonance imaging study on supraspinal lower urinary tract control in healthy subjects and spinal cord injury patients undergoing intradetrusor onabotulinumtoxinA injections for treating neurogenic detrusor overactivity. BMC Urology, 2014, 14, 68. | 0.6 | 11 |
| 3589 | A prospective study of grey matter and cognitive function alterations in chemotherapy-treated breast cancer patients. SpringerPlus, 2014, 3, 444. | 1.2 | 78 |
| 3590 | Advanced diffusion MRI fiber tracking in neurosurgical and neurodegenerative disorders and neuroanatomical studies: A review. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 2286-2297. | 1.8 | 93 |
| 3591 | Radiation-induced changes in normal-appearing gray matter in patients with nasopharyngeal carcinoma: a magnetic resonance imaging voxel-based morphometry study. Neuroradiology, 2014, 56, 423-430. | 1.1 | 38 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 3592 | Classification and localization of early-stage Alzheimer's disease in magnetic resonance images using a patch-based classifier ensemble. Neuroradiology, 2014, 56, 709-721. | 1.1 | 20 |
| 3593 | Imaging of amyloid deposition in human brain using positron emission tomography and [18F]FACT: comparison with [11C]PIB. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 745-754. | 3.3 | 19 |
| 3594 | TDP-43 is a key player in the clinical features associated with Alzheimer's disease. Acta Neuropathologica, 2014, 127, 811-824. | 3.9 | 336 |
| 3595 | Development of spatial integration depends on top-down and interhemispheric connections that can be perturbed in migraine: a DCM analysis. Neurological Sciences, 2014, 35, 215-224. | 0.9 | 15 |
| 3596 | Association of white matter deficits with clinical symptoms in antipsychotic-naive first-episode schizophrenia: an optimized VBM study using 3T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2014, 27, 283-290. | 1.1 | 14 |
| 3597 | Right Temporoparietal Gray Matter Predicts Accuracy of Social Perception in the Autism Spectrum. Journal of Autism and Developmental Disorders, 2014, 44, 1433-1446. | 1.7 | 11 |
| 3598 | A New Fast Accurate Nonlinear Medical Image Registration Program Including Surface Preserving Regularization. IEEE Transactions on Medical Imaging, 2014, 33, 2118-2127. | 5.4 | 16 |
| 3599 | Meta-Analysis in Human Neuroimaging: Computational Modeling of Large-Scale Databases. Annual Review of Neuroscience, 2014, 37, 409-434. | 5.0 | 162 |
| 3600 | Voxel based parallel post processor for void nucleation and growth analysis of atomistic simulations of material fracture. Journal of Molecular Graphics and Modelling, 2014, 50, 134-141. | 1.3 | 12 |
| 3601 | Optimal composite morphological supervised filter for image denoising using genetic programming: Application to magnetic resonance images. Engineering Applications of Artificial Intelligence, 2014, 31, 78-89. | 4.3 | 14 |
| 3602 | Brain structure in different psychosis risk groups in the Northern Finland 1986 Birth Cohort. Schizophrenia Research, 2014, 153, 143-149. | 1.1 | 17 |
| 3603 | Social Competence in Pediatric Traumatic Brain Injury. Clinical Psychological Science, 2014, 2, 97-107. | 2.4 | 24 |
| 3604 | Logical circularity in voxelâ€based analysis: Normalization strategy may induce statistical bias. Human Brain Mapping, 2014, 35, 745-759. | 1.9 | 39 |
| 3605 | Effect of the BDNF Val66Met Polymorphism on Regional Gray Matter Volumes and Cognitive Function in the Chinese Population. NeuroMolecular Medicine, 2014, 16, 127-136. | 1.8 | 23 |
| 3606 | A Review of Feature Reduction Techniques in Neuroimaging. Neuroinformatics, 2014, 12, 229-244. | 1.5 | 418 |
| 3607 | Grey-matter volume as a potential feature for the classification of Alzheimer's disease and mild cognitive impairment: an exploratory study. Neuroscience Bulletin, 2014, 30, 477-489. | 1.5 | 45 |
| 3608 | Quantitative Longitudinal Evaluation of Diaschisis-Related Cerebellar Perfusion and Diffusion Parameters in Patients with Supratentorial Hemispheric High-Grade Gliomas After Surgery. Cerebellum, 2014, 13, 580-587. | 1.4 | 14 |
| 3609 | A survey on the magnetic resonance image denoising methods. Biomedical Signal Processing and Control, 2014, 9, 56-69. | 3.5 | 219 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3610 | Different association between intentionality competence and prefrontal volume in left- and right-handers. Cortex, 2014, 54, 63-76. | 1.1 | 20 |
| 3611 | MRI in Psychiatry. , 2014, , . | | 3 |
| 3612 | Right Insular Atrophy in Neurocardiogenic Syncope: A Volumetric MRI Study. American Journal of Neuroradiology, 2014, 35, 113-118. | 1.2 | 18 |
| 3613 | Concordance of white matter and gray matter abnormalities in autism spectrum disorders: A voxelâ€based metaâ€analysis study. Human Brain Mapping, 2014, 35, 2073-2098. | 1.9 | 47 |
| 3614 | Comparing Like with Like: The Power of Knowing Where You Are. Brain Connectivity, 2014, 4, 547-557. | 0.8 | 41 |
| 3615 | Brain morphometry of Dravet Syndrome. Epilepsy Research, 2014, 108, 1326-1334. | 0.8 | 13 |
| 3616 | Utility of SPM8 plus DARTEL (VSRAD) Combined with Magnetic Resonance Spectroscopy as Adjunct Techniques for Screening and Predicting Dementia due to Alzheimer's Disease in Clinical Practice. Journal of Alzheimer's Disease, 2014, 41, 1207-1222. | 1.2 | 16 |
| 3617 | Neuronal substrates of Corsi Block span: Lesion symptom mapping analyses in relation to attentional competition and spatial bias. Neuropsychologia, 2014, 64, 240-251. | 0.7 | 39 |
| 3618 | White Matter Hyperintensities are Positively Associated with Cortical Thickness in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 39, 409-422. | 1.2 | 31 |
| 3619 | Measuring individual morphological relationship of cortical regions. Journal of Neuroscience Methods, 2014, 237, 103-107. | 1.3 | 78 |
| 3620 | Brain extraction based on locally linear representation-based classification. NeuroImage, 2014, 92, 322-339. | 2.1 | 66 |
| 3621 | Functional MRI investigation of verbal working memory in adults with anorexia nervosa. European Psychiatry, 2014, 29, 211-218. | 0.1 | 26 |
| 3622 | Thalamic and parietal brain morphology predicts auditory category learning. Neuropsychologia, 2014, 53, 75-83. | 0.7 | 6 |
| 3623 | Abnormal brain structure in youth who commit homicide. NeuroImage: Clinical, 2014, 4, 800-807. | 1.4 | 55 |
| 3624 | Regional brain gray and white matter changes in perinatally HIV-infected adolescents. NeuroImage: Clinical, 2014, 4, 29-34. | 1.4 | 58 |
| 3625 | Detecting brain structural changes as biomarker from magnetic resonance images using a local feature based SVM approach. Journal of Neuroscience Methods, 2014, 221, 22-31. | 1.3 | 44 |
| 3626 | Gender and hemispheric differences in temporal lobe epilepsy: A VBM study. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 274-279. | 0.9 | 18 |
| 3627 | Frontal white matter alterations are associated with executive cognitive function in euthymic bipolar patients. Journal of Affective Disorders, 2014, 155, 223-233. | 2.0 | 73 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3628 | Diffusion tensor imaging and MR morphometry of the central auditory pathway and auditory cortex in aging. Neuroscience, 2014, 260, 87-97. | 1.1 | 89 |
| 3629 | The structure of the geriatric depressed brain and response to electroconvulsive therapy. Psychiatry Research - Neuroimaging, 2014, 222, 1-9. | 0.9 | 25 |
| 3630 | Poster #S133 ASSOCIATION OF A RISK ALLELE OF ANK3 WITH COGNITIVE PERFORMANCE AND CORTICAL THICKNESS IN PATIENTS WITH FIRST-EPISODE PSYCHOSIS. Schizophrenia Research, 2014, 153, S136-S137. | 1.1 | 0 |
| 3631 | Structural and functional MRI study of the brain, cognition and mood in long-term adequately treated Hashimoto's thyroiditis. Psychoneuroendocrinology, 2014, 42, 188-198. | 1.3 | 27 |
| 3632 | Moving forward: Age effects on the cerebellum underlie cognitive and motor declines. Neuroscience and Biobehavioral Reviews, 2014, 42, 193-207. | 2.9 | 162 |
| 3633 | Multimodal voxel-based meta-analysis of structural and functional magnetic resonance imaging studies in those at elevated genetic risk of developing schizophrenia. Psychiatry Research - Neuroimaging, 2014, 221, 69-77. | 0.9 | 94 |
| 3634 | Improved DTI registration allows voxel-based analysis that outperforms Tract-Based Spatial Statistics. NeuroImage, 2014, 94, 65-78. | 2.1 | 155 |
| 3635 | Individualized statistical learning from medical image databases: Application to identification of brain lesions. Medical Image Analysis, 2014, 18, 542-554. | 7.0 | 22 |
| 3636 | Methods and considerations for longitudinal structural brain imaging analysis across development. Developmental Cognitive Neuroscience, 2014, 9, 172-190. | 1.9 | 216 |
| 3637 | Gray–white matter and cerebrospinal fluid volume differences in children with Specific Language Impairment and/or Reading Disability. Neuropsychologia, 2014, 56, 90-100. | 0.7 | 28 |
| 3638 | Individualized Gaussian process-based prediction and detection of local and global gray matter abnormalities in elderly subjects. NeuroImage, 2014, 97, 333-348. | 2.1 | 78 |
| 3639 | Automatic multiple sclerosis lesion detection in brain MRI by FLAIR thresholding. Computer Methods and Programs in Biomedicine, 2014, 115, 147-161. | 2.6 | 39 |
| 3640 | Amyloid burden and neural function in people at risk for Alzheimer's Disease. Neurobiology of Aging, 2014, 35, 576-584. | 1.5 | 166 |
| 3641 | Cortical thickness, cortical and subcortical volume, and white matter integrity in patients with their first episode of major depression. Journal of Affective Disorders, 2014, 155, 42-48. | 2.0 | 93 |
| 3642 | Gray matter alterations in chronic pain: A network-oriented meta-analytic approach. NeuroImage: Clinical, 2014, 4, 676-686. | 1.4 | 169 |
| 3643 | Structural brain plasticity in Parkinson's disease induced by balance training. Neurobiology of Aging, 2014, 35, 232-239. | 1.5 | 135 |
| 3644 | A comparison of three brain atlases for MCI prediction. Journal of Neuroscience Methods, 2014, 221, 139-150. | 1.3 | 47 |
| 3645 | Residual number processing in dyscalculia. NeuroImage: Clinical, 2014, 4, 18-28. | 1.4 | 30 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3646 | Visual and proprioceptive interaction in patients with bilateral vestibular loss. NeuroImage: Clinical, 2014, 4, 274-282. | 1.4 | 48 |
| 3647 | Neural correlates of de novo depression following left temporal lobe epilepsy surgery: A voxel based morphometry study of pre-surgical structural MRI. Epilepsy Research, 2014, 108, 517-525. | 0.8 | 14 |
| 3648 | Plausibility Tracking: A method to evaluate anatomical connectivity and microstructural properties along fiber pathways. NeuroImage, 2014, 90, 163-178. | 2.1 | 28 |
| 3649 | Temporal lobe epilepsy surgery modulates the activity of auditory pathway. Epilepsy Research, 2014, 108, 748-754. | 0.8 | 8 |
| 3650 | Central vestibular system modulation in vestibular migraine. Cephalalgia, 2014, 34, 1053-1061. | 1.8 | 74 |
| 3651 | Neuroplasticity as a function of second language learning: Anatomical changes in the human brain. Cortex, 2014, 58, 301-324. | 1.1 | 361 |
| 3652 | Shape of the basal ganglia in preadolescent children is associated with cognitive performance. Neurolmage, 2014, 99, 93-102. | 2.1 | 40 |
| 3653 | Neurocognitive dysfunction and grey matter density deficit in children with obstructive sleep apnoea. Sleep Medicine, 2014, 15, 1055-1061. | 0.8 | 69 |
| 3654 | Vervet MRI Atlas and Label Map for Fully Automated Morphometric Analyses. Neuroinformatics, 2014, 12, 543-550. | 1.5 | 13 |
| 3655 | Association of television violence exposure with executive functioning and white matter volume in young adult males. Brain and Cognition, 2014, 88, 26-34. | 0.8 | 12 |
| 3656 | Neuroanatomical abnormalities in chronic tinnitus in the human brain. Neuroscience and Biobehavioral Reviews, 2014, 45, 119-133. | 2.9 | 98 |
| 3657 | Multimodal evidence of regional midcingulate gray matter volume underlying conflict monitoring. NeuroImage: Clinical, 2014, 5, 10-18. | 1.4 | 15 |
| 3658 | Age-related differences in effective connectivity of brain regions involved in Japanese kanji processing with homophone judgment task. Brain and Language, 2014, 135, 32-41. | 0.8 | 6 |
| 3659 | Functional and anatomical brain deficits in drug-naive major depressive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 1-6. | 2.5 | 61 |
| 3660 | Diffusion tensor imaging comparison of progressive supranuclear palsy and corticobasal syndromes. Parkinsonism and Related Disorders, 2014, 20, 493-498. | 1.1 | 49 |
| 3661 | Anatomical deficits in adult posttraumatic stress disorder: A meta-analysis of voxel-based morphometry studies. Behavioural Brain Research, 2014, 270, 307-315. | 1.2 | 84 |
| 3662 | Validity of modulation and optimal settings for advanced voxel-based morphometry. NeuroImage, 2014, 86, 81-90. | 2.1 | 96 |
| 3663 | Ventromedialâ€frontopolar prefrontal cortex atrophy correlates with insight loss in frontotemporal dementia and Alzheimer's disease. Human Brain Mapping, 2014, 35, 616-626. | 1.9 | 64 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3664 | Altered relationship between electrophysiological response to errors and gray matter volumes in an extended network for errorâ€processing in pediatric obsessiveâ€compulsive disorder. Human Brain Mapping, 2014, 35, 1143-1153. | 1.9 | 19 |
| 3665 | Multivariate Data Analysis and Machine Learning in Alzheimer's Disease with a Focus on Structural Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2014, 41, 685-708. | 1.2 | 165 |
| 3666 | Assessing age-related gray matter decline with voxel-based morphometry depends significantly on segmentation and normalization procedures. Frontiers in Aging Neuroscience, 2014, 6, 124. | 1.7 | 52 |
| 3667 | An In Vivo Three-Dimensional Magnetic Resonance Imaging-Based Averaged Brain Collection of the Neonatal Piglet (Sus scrofa). PLoS ONE, 2014, 9, e107650. | 1.1 | 56 |
| 3668 | Characterizing Early Alzheimer's Disease and Disease Progression Using Hippocampal Volume and Arterial Spin Labeling Perfusion MRI. Journal of Alzheimer's Disease, 2014, 42, S495-S502. | 1.2 | 28 |
| 3669 | Developmental aspects and neurobiological correlates of working and associative memory Neuropsychology, 2014, 28, 496-505. | 1.0 | 6 |
| 3670 | Analysis of multiple sclerosis lesions via spatially varying coefficients. Annals of Applied Statistics, 2014, 8, 1095-1118. | 0.5 | 21 |
| 3671 | Mapping Gray Matter Reductions in Obstructive Sleep Apnea: An Activation Likelihood Estimation Meta-Analysis. Sleep, 2014, 37, 167-175. | 0.6 | 84 |
| 3672 | Altered Brain Structure and Function Correlate with Disease Severity and Pain Catastrophizing in Migraine Patients. ENeuro, 2014, 1, ENEURO.0006-14.2014. | 0.9 | 138 |
| 3673 | Functional-Mixed Effects Models for Candidate Genetic Mapping in Imaging Genetic Studies. Genetic Epidemiology, 2014, 38, 680-691. | 0.6 | 6 |
| 3674 | Decreased limbic and increased frontoâ€parietal connectivity in unmedicated patients with obsessiveâ€compulsive disorder. Human Brain Mapping, 2014, 35, 5617-5632. | 1.9 | 98 |
| 3675 | White matter development in children with benign childhood epilepsy with centro-temporal spikes. Brain, 2014, 137, 1095-1106. | 3.7 | 81 |
| 3676 | Cerebral Blood Flow and DTI metrics changes in children with cerebral palsy following therapy. Journal of Pediatric Neuroradiology, 2015, 03, 063-073. | 0.1 | 6 |
| 3677 | Individual differences in rumination in healthy and depressive samples: association with brain structure, functional connectivity and depression. Psychological Medicine, 2015, 45, 2999-3008. | 2.7 | 41 |
| 3678 | Gray matter characteristics associated with trait anxiety in older adults are moderated by depression. International Psychogeriatrics, 2015, 27, 1813-1824. | 0.6 | 17 |
| 3679 | A bi-ventricular cardiac atlas built from 1000+ high resolution MR images of healthy subjects and an analysis of shape and motion. Medical Image Analysis, 2015, 26, 133-145. | 7.0 | 119 |
| 3680 | ISDN2014_0117: Brain morphometry of Dravet Syndrome. International Journal of Developmental Neuroscience, 2015, 47, 33-33. | 0.7 | 1 |
| 3681 | Amyloid PET imaging in multiple sclerosis: an 18F-florbetaben study. BMC Neurology, 2015, 15, 243. | 0.8 | 58 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3682 | Neurocognition and brain structure in pediatric patients with type 1 diabetes. Journal of Pediatric Neuroradiology, 2015, 01, 025-035. | 0.1 | 7 |
| 3683 | Neuroprofile. , 2015, , . | | 0 |
| 3684 | Patterns of gray matter atrophy in atypical parkinsonism syndromes: a VBM metaâ€analysis. Brain and Behavior, 2015, 5, e00329. | 1.0 | 44 |
| 3685 | The structure of the amygdala associates with human sexual permissiveness: Evidence from voxelâ€based morphometry. Human Brain Mapping, 2015, 36, 440-448. | 1.9 | 9 |
| 3686 | A combination of dual-tree discrete wavelet transform and minimum redundancy maximum relevance method for diagnosis of Alzheimer's disease. International Journal of Bioinformatics Research and Applications, 2015, 11, 433. | 0.1 | 4 |
| 3687 | A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. Scientific Data, 2015, 2, 150056. | 2.4 | 51 |
| 3688 | Microstructural Abnormalities in Children with Post-traumatic Stress Disorder: A Diffusion Tensor Imaging Study at 3.0T. Scientific Reports, 2015, 5, 8933. | 1.6 | 27 |
| 3689 | Why Should I Care? Dimensions ofÂSocio-Emotional Cognition inÂYounger-Onset Dementia. Journal of Alzheimer's Disease, 2015, 48, 135-147. | 1.2 | 31 |
| 3690 | Structural Magnetic Resonance Imaging Markers of Alzheimer's Disease and Its Retranslation to Rodent Models. Journal of Alzheimer's Disease, 2015, 47, 277-290. | 1.2 | 9 |
| 3691 | Neural Plasticity Across the Lifespan. , 0, , . | | 2 |
| 3692 | Structural Neuroimaging of the Medial Temporal Lobe in Alzheimer's Disease Clinical Trials. Journal of Alzheimer's Disease, 2015, 48, 581-589. | 1.2 | 11 |
| 3693 | Generalizability of the Disease State Index Prediction Model for Identifying Patients Progressing from Mild Cognitive Impairment to Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 44, 79-92. | 1.2 | 31 |
| 3694 | Short-term MCI-to-AD prediction using MRI, neuropsychological scores and ensemble tree learning techniques. , 2015, , . | | 3 |
| 3695 | Age-associated changes in rich-club organisation in autistic and neurotypical human brains. Scientific Reports, 2015, 5, 16152. | 1.6 | 22 |
| 3696 | A multimodal MRI dataset of professional chess players. Scientific Data, 2015, 2, 150044. | 2.4 | 16 |
| 3698 | Effect of Experimental Thyrotoxicosis on Brain Gray Matter: A Voxel-Based Morphometry Study. European Thyroid Journal, 2015, 4, 113-118. | 1.2 | 25 |
| 3699 | Investigation of anatomical connectivity of thalamic stroke patients using tract based spatial statistics. , 2015, , . | | 1 |
| 3700 | Assessing brain structural associations with working memory related brain patterns in schizophrenia and healthy controls using linked independent component analysis. NeuroImage: Clinical, 2015, 9, 253-263. | 1.4 | 16 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3701 | Examining brain structures associated with attention networks in a large sample of young adults: a voxel-based morphometry study. Science Bulletin, 2015, 60, 1824-1832. | 4.3 | 3 |
| 3702 | The Dark Matter of the Bibliome. Neuroinformatics, 2015, 13, 387-389. | 1.5 | 2 |
| 3703 | Probabilistic non-linear registration with spatially adaptive regularisation. Medical Image Analysis, 2015, 26, 203-216. | 7.0 | 22 |
| 3704 | Neural markers of individual differences in decision-making. Current Opinion in Behavioral Sciences, 2015, 5, 100-107. | 2.0 | 39 |
| 3705 | A practical guideline for intracranial volume estimation in patients with Alzheimer's disease. BMC Bioinformatics, 2015, 16, S8. | 1.2 | 30 |
| 3706 | Brain Metabolism of Less-Educated Patients With Alzheimer Dementia Studied by Positron Emission Tomography. Medicine (United States), 2015, 94, e1252. | 0.4 | 6 |
| 3707 | Statistical Instability of TBSS Analysis Based on DTI Fitting Algorithm. Journal of Neuroimaging, 2015, 25, 883-891. | 1.0 | 23 |
| 3708 | Comparison of Automated Brain Volume Measures obtained with NeuroQuant® and FreeSurfer. Journal of Neuroimaging, 2015, 25, 721-727. | 1.0 | 71 |
| 3709 | Cerebral volumetric abnormalities in Neurofibromatosis type 1: associations with parent ratings of social and attention problems, executive dysfunction, and autistic mannerisms. Journal of Neurodevelopmental Disorders, 2015, 7, 32. | 1.5 | 41 |
| 3710 | Brain gray matter volume changes associated with motor symptoms in patients with Parkinson's disease. Chinese Neurosurgical Journal, 2015, 1, . | 0.3 | 5 |
| 3711 | Structural asymmetry of cortical visual areas is related to ocular dominance. NeuroReport, 2015, 26, 1071-1076. | 0.6 | 15 |
| 3712 | Genomeâ€wide variant by serum urate interaction in Parkinson's disease. Annals of Neurology, 2015, 78, 731-741. | 2.8 | 9 |
| 3713 | Neuroanatomical profiles of alexithymia dimensions and subtypes. Human Brain Mapping, 2015, 36, 3805-3818. | 1.9 | 50 |
| 3714 | A Comprehensive Visual Rating Scale of Brain Magnetic Resonance Imaging: Application in Elderly Subjects with Alzheimer's Disease, Mild Cognitive Impairment, and Normal Cognition. Journal of Alzheimer's Disease, 2015, 44, 1023-1034. | 1.2 | 19 |
| 3715 | Morphological evaluation of amygdala in patients with chronic low back pain using Voxel-based morphometry. Pain Research, 2015, 30, 7-15. | 0.1 | 1 |
| 3716 | Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2. Movement Disorders, 2015, 30, 1391-1399. | 2.2 | 31 |
| 3717 | Multivariate classification of smokers and nonsmokers using SVMâ€RFE on structural MRI images. Human Brain Mapping, 2015, 36, 4869-4879. | 1.9 | 44 |
| 3718 | Differential patterns of functional and structural plasticity within and between inferior frontal gyri support trainingâ€induced improvements in inhibitory control proficiency. Human Brain Mapping, 2015, 36, 2527-2543. | 1.9 | 57 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3719 | Reduced cerebellar gray matter is a neural signature of physical frailty. Human Brain Mapping, 2015, 36, 3666-3676. | 1.9 | 90 |
| 3720 | Extent of hippocampal atrophy predicts degree of deficit in recall. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12830-12833. | 3.3 | 25 |
| 3721 | Genomeâ€wide significant linkage of schizophreniaâ€related neuroanatomical trait to 12q24. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 678-686. | 1.1 | 9 |
| 3722 | How reliable are gray matter disruptions in specific reading disability across multiple countries and languages? insights from a largeâ€scale voxelâ€based morphometry study. Human Brain Mapping, 2015, 36, 1741-1754. | 1.9 | 67 |
| 3723 | Abnormal Connectivity Within Executive Resting‣tate Network in Migraine With Aura. Headache, 2015, 55, 794-805. | 1.8 | 69 |
| 3724 | Asymptomatic Carotid Stenosis is Associated with Gray and White Matter Damage. International Journal of Stroke, 2015, 10, 1197-1203. | 2.9 | 22 |
| 3725 | Gray Matter Alterations in Young Children with Autism Spectrum Disorders: Comparing Morphometry at the Voxel and Regional Level. Journal of Neuroimaging, 2015, 25, 866-874. | 1.0 | 54 |
| 3726 | Advances in MRI-based computational neuroanatomy. Current Opinion in Neurology, 2015, 28, 313-322. | 1.8 | 166 |
| 3728 | Global and regional brain volumes normalization in weight-recovered adolescents with anorexia nervosa: preliminary findings of a longitudinal voxel-based morphometry study. Neuropsychiatric Disease and Treatment, 2015, 11, 637. | 1.0 | 23 |
| 3729 | The Structural Properties of Major White Matter Tracts in Strabismic Amblyopia. , 2015, 56, 5152. | | 63 |
| 3730 | Cerebral Involvement in Stargardt's Disease: A VBM and TBSS Study. , 2015, 56, 7388. | | 16 |
| 3731 | Influence of Parameter Settings in Voxel-based Morphometry 8. Methods of Information in Medicine, 2015, 54, 171-178. | 0.7 | 5 |
| 3732 | On the properties of the intensity-curvature measurement approaches: the classic-curvature and the intensity-curvature functional. Journal of Solid Tumors, 2015, 6, . | 0.1 | 1 |
| 3733 | Regional Gray Matter Volume Reduction Associated with Major Depressive Disorder: A Voxel-Based Morphometry. Investigative Magnetic Resonance Imaging, 2015, 19, 10. | 0.2 | 5 |
| 3734 | Metacognition in Early Phase Psychosis: Toward Understanding Neural Substrates. International Journal of Molecular Sciences, 2015, 16, 14640-14654. | 1.8 | 12 |
| 3735 | Early and Degressive Putamen Atrophy in Multiple Sclerosis. International Journal of Molecular Sciences, 2015, 16, 23195-23209. | 1.8 | 26 |
| 3736 | Self-reported physical activity and objective aerobic fitness: differential associations with gray matter density in healthy aging. Frontiers in Aging Neuroscience, 2015, 7, 5. | 1.7 | 16 |
| 3737 | Age-specific MRI brain and head templates for healthy adults from 20 through 89 years of age. Frontiers in Aging Neuroscience, 2015, 7, 44. | 1.7 | 94 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3738 | A stereotaxic, population-averaged T1w ovine brain atlas including cerebral morphology and tissue volumes. Frontiers in Neuroanatomy, 2015, 9, 69. | 0.9 | 59 |
| 3739 | A neural trait approach to exploring individual differences in social preferences. Frontiers in Behavioral Neuroscience, 2015, 8, 458. | 1.0 | 38 |
| 3740 | Fronto-Striatal Atrophy in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease. Frontiers in Neurology, 2015, 6, 147. | 1.1 | 48 |
| 3741 | Multi-Modal Imaging of Neural Correlates of Motor Speed Performance in the Trail Making Test. Frontiers in Neurology, 2015, 6, 219. | 1.1 | 8 |
| 3742 | Between-hand difference in ipsilateral deactivation is associated with hand lateralization: fMRI mapping of 284 volunteers balanced for handedness. Frontiers in Human Neuroscience, 2015, 9, 5. | 1.0 | 42 |
| 3743 | Changes in gray matter volume after microsurgical lumbar discectomy: a longitudinal analysis. Frontiers in Human Neuroscience, 2015, 9, 12. | 1.0 | 10 |
| 3744 | Resting state functional connectivity differences between behavioral variant frontotemporal dementia and Alzheimer's disease. Frontiers in Human Neuroscience, 2015, 9, 474. | 1.0 | 64 |
| 3745 | The Associations between Regional Gray Matter Structural Changes and Changes of Cognitive Performance in Control Groups of Intervention Studies. Frontiers in Human Neuroscience, 2015, 9, 681. | 1.0 | 4 |
| 3746 | Statistical inferences under the Null hypothesis: common mistakes and pitfalls in neuroimaging studies. Frontiers in Neuroscience, 2015, 9, 18. | 1.4 | 40 |
| 3747 | Cortical reorganization in recent-onset tinnitus patients by the Heidelberg Model of Music Therapy. Frontiers in Neuroscience, 2015, 9, 49. | 1.4 | 35 |
| 3748 | Magnetic resonance imaging biomarkers for the early diagnosis of Alzheimer's disease: a machine learning approach. Frontiers in Neuroscience, 2015, 9, 307. | 1.4 | 187 |
| 3749 | Prediction of individual differences in risky behavior in young adults via variations in local brain structure. Frontiers in Neuroscience, 2015, 9, 359. | 1.4 | 9 |
| 3750 | Statistical image analysis of longitudinal RAVENS images. Frontiers in Neuroscience, 2015, 9, 368. | 1.4 | 4 |
| 3751 | Towards digital reconstruction of fossil crania and brain morphology. Anthropological Science, 2015, 123, 57-68. | 0.2 | 15 |
| 3752 | Voxel-Based Texture Analysis of the Brain. PLoS ONE, 2015, 10, e0117759. | 1.1 | 45 |
| 3753 | Microstructural Changes across Different Clinical Milestones of Disease in Amyotrophic Lateral Sclerosis. PLoS ONE, 2015, 10, e0119045. | 1.1 | 36 |
| 3754 | Z-Spectrum Analysis Provides Proton Environment Data (ZAPPED): A New Two-Pool Technique for Human Gray and White Matter. PLoS ONE, 2015, 10, e0119915. | 1.1 | 2 |
| 3755 | Increased Cerebral Water Content in Hemodialysis Patients. PLoS ONE, 2015, 10, e0122188. | 1.1 | 22 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3756 | Investigating the Use of Support Vector Machine Classification on Structural Brain Images of Preterm–Born Teenagers as a Biological Marker. PLoS ONE, 2015, 10, e0123108. | 1.1 | 2 |
| 3757 | Structural Brain Correlates Associated with Professional Handball Playing. PLoS ONE, 2015, 10, e0124222. | 1.1 | 42 |
| 3758 | Altered Activation of Innate Immunity Associates with White Matter Volume and Diffusion in First-Episode Psychosis. PLoS ONE, 2015, 10, e0125112. | 1.1 | 32 |
| 3759 | Alterations of Gray and White Matter Networks in Patients with Obsessive-Compulsive Disorder: A Multimodal Fusion Analysis of Structural MRI and DTI Using mCCA+jICA. PLoS ONE, 2015, 10, e0127118. | 1.1 | 28 |
| 3760 | Use of Brain MRI Atlases to Determine Boundaries of Age-Related Pathology: The Importance of Statistical Method. PLoS ONE, 2015, 10, e0127939. | 1.1 | 20 |
| 3761 | Small-World Brain Network and Dynamic Functional Distribution in Patients with Subcortical Vascular Cognitive Impairment. PLoS ONE, 2015, 10, e0131893. | 1.1 | 25 |
| 3762 | Brain Abnormalities in Congenital Fibrosis of the Extraocular Muscles Type 1: A Multimodal MRI Imaging Study. PLoS ONE, 2015, 10, e0133473. | 1.1 | 3 |
| 3763 | Evaluation of Cross-Protocol Stability of a Fully Automated Brain Multi-Atlas Parcellation Tool. PLoS ONE, 2015, 10, e0133533. | 1.1 | 35 |
| 3764 | Effects of Steroid Hormones on Sex Differences in Cerebral Perfusion. PLoS ONE, 2015, 10, e0135827. | 1.1 | 23 |
| 3765 | Phylogeny of Morella rubra and Its Relatives (Myricaceae) and Genetic Resources of Chinese Bayberry Using RAD Sequencing. PLoS ONE, 2015, 10, e0139840. | 1.1 | 18 |
| 3766 | Prospective Memory Impairments in Alzheimer's Disease and Behavioral Variant Frontotemporal Dementia: Clinical and Neural Correlates. Journal of Alzheimer's Disease, 2016, 50, 425-441. | 1.2 | 44 |
| 3767 | Joint Coupling of Awake EEG Frequency Activity and MRI Gray Matter Volumes in the Psychosis Dimension: A BSNIP Study. Frontiers in Psychiatry, 2015, 6, 162. | 1.3 | 10 |
| 3768 | A Voxel-Based Morphometry Study of the Brain of University Students Majoring in Music and Nonmusic Disciplines. Behavioural Neurology, 2015, 2015, 1-9. | 1.1 | 15 |
| 3769 | Functional and Structural Brain Plasticity Enhanced by Motor and Cognitive Rehabilitation in Multiple Sclerosis. Neural Plasticity, 2015, 2015, 1-12. | 1.0 | 84 |
| 3770 | Gray and White Matter Volumes and Cognitive Dysfunction in Drug-NaÃ⁻ve Newly Diagnosed Pediatric Epilepsy. BioMed Research International, 2015, 2015, 1-10. | 0.9 | 11 |
| 3771 | Molecular and Functional Imaging of Internet Addiction. BioMed Research International, 2015, 2015, 1-9. | 0.9 | 29 |
| 3772 | Biomarkers of Eating Disorders Using Support Vector Machine Analysis of Structural Neuroimaging Data: Preliminary Results. Behavioural Neurology, 2015, 2015, 1-10. | 1.1 | 19 |
| 3773 | Network structure of brain atrophy in de novo Parkinson's disease. ELife, 2015, 4, . | 2.8 | 187 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 3774 | Anatomical Correlates of the "Closing-In" Phenomenon. Dementia and Neurocognitive Disorders, 2015, 14, 17. | 0.4 | 5 |
| 3775 | Effects of acute levodopa challenge on resting cerebral blood flow in Parkinson's Disease patients assessed using pseudo-continuous arterial spin labeling. PeerJ, 2015, 3, e1381. | 0.9 | 23 |
| 3776 | Different Mechanisms Between Melancholic and Atypical Depression. , 2015, , . | | 4 |
| 3777 | Regional gray matter density is associated with morningness–eveningness: Evidence from voxel-based morphometry. NeuroImage, 2015, 117, 294-304. | 2.1 | 26 |
| 3778 | Individual differences in local gray matter density are associated with differences in affective and cognitive empathy. NeuroImage, 2015, 117, 305-310. | 2.1 | 134 |
| 3779 | Tunes stuck in your brain: The frequency and affective evaluation of involuntary musical imagery correlate with cortical structure. Consciousness and Cognition, 2015, 35, 66-77. | 0.8 | 48 |
| 3780 | Gray-matter volume, midbrain dopamine D2/D3 receptors and drug craving in methamphetamine users. Molecular Psychiatry, 2015, 20, 764-771. | 4.1 | 35 |
| 3781 | Relationship between structural brainstem and brain plasticity and lower-limb training in spinal cord injury: a longitudinal pilot study. Frontiers in Human Neuroscience, 2015, 9, 254. | 1.0 | 59 |
| 3782 | Relationship between a BDNF gene polymorphism and the brain volume in treatment-naive patients with major depressive disorder: A VBM analysis of brain MRI. Psychiatry Research - Neuroimaging, 2015, 233, 120-124. | 0.9 | 44 |
| 3783 | Development and validation of a brain maturation index using longitudinal neuroanatomical scans. NeuroImage, 2015, 117, 311-318. | 2.1 | 34 |
| 3784 | The design of composite adaptive morphological filter and applications to Rician noise reduction in MR images. International Journal of Imaging Systems and Technology, 2015, 25, 15-23. | 2.7 | 3 |
| 3785 | Gray matter atrophy in narcolepsy: An activation likelihood estimation meta-analysis. Neuroscience and Biobehavioral Reviews, 2015, 59, 53-63. | 2.9 | 27 |
| 3786 | Feasibility and validity of monitoring subarachnoid hemorrhage by a noninvasive MRI imaging perfusion technique: Pulsed Arterial Spin Labeling (PASL). Journal of Neuroradiology, 2015, 42, 358-367. | 0.6 | 14 |
| 3787 | Robust and efficient linear registration of white-matter fascicles in the space of streamlines. NeuroImage, 2015, 117, 124-140. | 2.1 | 67 |
| 3788 | Evaluation of machine learning algorithms for treatment outcome prediction in patients with epilepsy based on structural connectome data. NeuroImage, 2015, 118, 219-230. | 2.1 | 130 |
| 3789 | The Corticospinal Tract in Huntington's Disease. Cerebral Cortex, 2015, 25, 2670-2682. | 1.6 | 33 |
| 3791 | Feature Selection Based on the SVM Weight Vector for Classification of Dementia. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1617-1626. | 3.9 | 100 |
| 3792 | Functional and structural abnormalities associated with empathy in patients with schizophrenia: An fMRI and VBM study. Journal of Biosciences, 2015, 40, 355-364. | 0.5 | 24 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3793 | â€~O' blood type is associated with larger grey-matter volumes in the cerebellum. Brain Research Bulletin, 2015, 116, 1-6. | 1.4 | 13 |
| 3794 | Dissociation of anatomical and functional alterations of the default-mode network in first-episode, drug-naive schizophrenia. Clinical Neurophysiology, 2015, 126, 2276-2281. | 0.7 | 10 |
| 3795 | Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. Cortex, 2015, 67, 106-121. | 1.1 | 33 |
| 3796 | Regional gray matter deficits in alcohol dependence: A meta-analysis of voxel-based morphometry studies. Drug and Alcohol Dependence, 2015, 153, 22-28. | 1.6 | 101 |
| 3797 | Gray Matter Volume Decrease Distinguishes Schizophrenia From Bipolar Offspring During Childhood and Adolescence. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 677-684.e2. | 0.3 | 25 |
| 3798 | Alzheimer's disease risk variant in <i>CLU</i> is associated with neural inefficiency in healthy individuals. Alzheimer's and Dementia, 2015, 11, 1144-1152. | 0.4 | 33 |
| 3799 | Grey matter morphological anomalies in the caudate head in first-episode psychosis patients with delusions of reference. Psychiatry Research - Neuroimaging, 2015, 233, 57-63. | 0.9 | 25 |
| 3800 | SMART: physical activity and cerebral metabolism in older people: study protocol for a randomised controlled trial. Trials, 2015, 16, 155. | 0.7 | 13 |
| 3801 | Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. Neurolmage: Clinical, 2015, 8, 422-428. | 1.4 | 33 |
| 3802 | Thalamic and Cerebellar Gray Matter Volume Reduction in Synthetic Cannabinoids Users. European Addiction Research, 2015, 21, 315-320. | 1.3 | 33 |
| 3803 | Microstructural Abnormalities in the Combined and Inattentive Subtypes of Attention Deficit Hyperactivity Disorder: a Diffusion Tensor Imaging Study. Scientific Reports, 2014, 4, 6875. | 1.6 | 50 |
| 3804 | Where smart brains are different: A quantitative meta-analysis of functional and structural brain imaging studies on intelligence. Intelligence, 2015, 51, 10-27. | 1.6 | 246 |
| 3805 | Voxel-based morphometry of the marmoset brain: In vivo detection of volume loss in the substantia nigra of the MPTP-treated Parkinson's disease model. Neuroscience, 2015, 300, 585-592. | 1.1 | 29 |
| 3806 | A Neural Decomposition of Visual Search Using Voxel-based Morphometry. Journal of Cognitive Neuroscience, 2015, 27, 1854-1869. | 1.1 | 8 |
| 3807 | Diffuse Decreased Gray Matter in Patients with Idiopathic Craniocervical Dystonia: A Voxel-Based Morphometry Study. Frontiers in Neurology, 2014, 5, 283. | 1.1 | 30 |
| 3808 | Detection of Alzheimer's disease using the statistical approach from 3D magnetic resonance images. , 2015, , . | | 2 |
| 3809 | Finding models to detect Alzheimer's disease by fusing structural and neuropsychological information. Proceedings of SPIE, 2015, , . | 0.8 | 0 |
| 3810 | Combining multi-parametric MR images for the detection of epileptogenic lesions. , 2015, , . | | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3811 | Grey matter volume differences in non-affective psychosis and the effects of age of onset on grey matter volumes: A voxelwise study. Schizophrenia Research, 2015, 164, 74-82. | 1.1 | 26 |
| 3812 | Amyloid Burden in the Hippocampus and Default Mode Network. Medicine (United States), 2015, 94, e763. | 0.4 | 34 |
| 3813 | Detection and Evaluation of GABA Concentration in Anterior Cingulate Cortex and Occipital Cortex by MEGA-PRESS. , 2015, , . | | 0 |
| 3814 | Big data in multiple sclerosis: development of a web-based longitudinal study viewer in an imaging informatics-based eFolder system for complex data analysis and management. , 2015, , . | | 1 |
| 3815 | Testing the effects of pre-processing on voxel based morphometry analysis. , 2015, 2015, 4302-5. | | 0 |
| 3816 | Linking <scp>GABA</scp> and glutamate levels to cognitive skill acquisition during development. Human Brain Mapping, 2015, 36, 4334-4345. | 1.9 | 57 |
| 3817 | On Statistical Analysis of Neuroimages with Imperfect Registration. , 2015, 2015, 666-674. | | 1 |
| 3818 | Quantitative assessment of cerebral gray matter density change in progressive supranuclear palsy using voxel based morphometry analysis and cerebral MR T1-weighted FLAIR imaging. Journal of the Neurological Sciences, 2015, 359, 367-372. | 0.3 | 7 |
| 3819 | Surface Area of Early Visual Cortex Predicts Individual Speed of Traveling Waves During Binocular Rivalry. Cerebral Cortex, 2015, 25, 1499-1508. | 1.6 | 31 |
| 3820 | Brain Growth Gains and Losses in Extremely Preterm Infants at Term. Cerebral Cortex, 2015, 25, 1897-1905. | 1.6 | 124 |
| 3821 | Functional Connectivity in Patients With Sensorineural Hearing Loss Using Resting-State MRI. American Journal of Audiology, 2015, 24, 145-152. | 0.5 | 34 |
| 3822 | Identification of imaging biomarkers responsible for Alzheimer's Disease using a McRBFN classifier. , 2015, , . | | 9 |
| 3823 | Features-based approach for Alzheimer's disease diagnosis using visual pattern of water diffusion in tensor diffusion imaging. , 2015, , . | | 0 |
| 3824 | Characterising the grey matter correlates of leukoaraiosis in cerebral small vessel disease. NeuroImage: Clinical, 2015, 9, 194-205. | 1.4 | 66 |
| 3825 | Fast, accurate, robust and Open Source Brain Extraction Tool (OSBET). , 2015, , . | | 0 |
| 3826 | Selection of initial parameters of K-means clustering algorithm for MRI brain image segmentation. , 2015, , . | | 4 |
| 3827 | Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. Psychiatry Research - Neuroimaging, 2015, 233, 299-305. | 0.9 | 39 |
| 3828 | Discriminating Bipolar Disorder From Major Depression Based on SVM-FoBa: Efficient Feature Selection With Multimodal Brain Imaging Data. IEEE Transactions on Autonomous Mental Development, 2015, 7, 320-331. | 2.3 | 84 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3829 | A robust comparison approach of velocity data between MRI and CFD based on divergence-free space projection. , 2015, , . | | 1 |
| 3830 | Brain mediators of systemic oxidative stress on perceptual impairments in Parkinson's disease. Journal of Translational Medicine, 2015, 13, 386. | 1.8 | 18 |
| 3831 | Neural Substrates of Auditory Emotion Recognition Deficits in Schizophrenia. Journal of Neuroscience, 2015, 35, 14909-14921. | 1.7 | 80 |
| 3832 | ASD detection in males using MRI- an age-group based study. , 2015, , . | | 5 |
| 3834 | Relationships between Cognitive Performance, Neuroimaging and Vascular Disease: The DHS-MIND Study. Neuroepidemiology, 2015, 45, 1-11. | 1.1 | 8 |
| 3835 | Structural covariance networks of striatum subdivision in patients with <scp>P</scp> arkinson's disease. Human Brain Mapping, 2015, 36, 1567-1584. | 1.9 | 33 |
| 3836 | Signal Processing Challenges in Quantitative 3-D Cell Morphology: More than meets the eye. IEEE Signal Processing Magazine, 2015, 32, 30-40. | 4.6 | 32 |
| 3837 | Does diffusion MRI tell us anything about the white matter? An overview of methods and pitfalls. Schizophrenia Research, 2015, 161, 133-141. | 1.1 | 86 |
| 3838 | Unidirectionally affected causal connectivity of cortico-limbic-cerebellar circuit by structural deficits in drug-naive major depressive disorder. Journal of Affective Disorders, 2015, 172, 410-416. | 2.0 | 31 |
| 3839 | Asymmetry within and around the human planum temporale is sexually dimorphic and influenced by genes involved in steroid hormone receptor activity. Cortex, 2015, 62, 41-55. | 1.1 | 114 |
| 3840 | Increasing structural atrophy and functional isolation of the temporal lobe with duration of disease in temporal lobe epilepsy. Epilepsy Research, 2015, 110, 171-178. | 0.8 | 24 |
| 3841 | Comparing brain structural MRI and metabolic FDG-PET changes in patients with ALS-FTD: †the chicken or the egg?' question. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 952-958. | 0.9 | 39 |
| 3842 | Association of regional gray matter volumes in the brain with disruptive behavior disorders in male and female children. NeuroImage: Clinical, 2015, 7, 252-257. | 1.4 | 32 |
| 3843 | Correction of intensity nonuniformity in breast MR images. , 2015, , 219-229. | | Ο |
| 3844 | Semantic retrieval over time in the aging brain: Structural evidence of hippocampal contribution. Hippocampus, 2015, 25, 1008-1016. | 0.9 | 14 |
| 3845 | Brains for All the Ages. Advances in Child Development and Behavior, 2015, 48, 1-52. | 0.7 | 79 |
| 3846 | Influence of controlled encoding and retrieval facilitation on memory performance in patients with different profiles of mild cognitive impairment. Journal of Neurology, 2015, 262, 938-948. | 1.8 | 7 |
| 3847 | An evaluation of volume-based morphometry for prediction of mild cognitive impairment and Alzheimer's disease. NeuroImage: Clinical, 2015, 7, 7-17. | 1.4 | 217 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3848 | Comparison of grey matter volume and thickness for analysing cortical changes in chronic schizophrenia: A matter of surface area, grey/white matter intensity contrast, and curvature. Psychiatry Research - Neuroimaging, 2015, 231, 176-183. | 0.9 | 71 |
| 3849 | Structural changes in the CNS of patients with hemifacial spasm. Neuroscience, 2015, 289, 56-62. | 1.1 | 23 |
| 3850 | Medial frontal gyrus alterations in schizophrenia: Relationship with duration of illness and executive dysfunction. Psychiatry Research - Neuroimaging, 2015, 231, 103-110. | 0.9 | 28 |
| 3851 | Eigenanatomy: Sparse dimensionality reduction for multi-modal medical image analysis. Methods, 2015, 73, 43-53. | 1.9 | 15 |
| 3852 | Volumetric Alterations in the Heteromodal Association Cortex in Children with Autism Spectrum Disorder. European Psychiatry, 2015, 30, 214-220. | 0.1 | 8 |
| 3853 | Unified voxel- and tensor-based morphometry (UVTBM) using registration confidence. Neurobiology of Aging, 2015, 36, S60-S68. | 1.5 | 11 |
| 3854 | Clinical and neuroimaging biomarkers of amyloid-negative logopenic primary progressive aphasia. Brain and Language, 2015, 142, 45-53. | 0.8 | 49 |
| 3855 | Individual Differences in Marketing Placebo Effects: Evidence from Brain Imaging and Behavioral Experiments. Journal of Marketing Research, 2015, 52, 493-510. | 3.0 | 78 |
| 3856 | Variation in longevity gene <i> <scp>KLOTHO</scp> </i> is associated with greater cortical volumes. Annals of Clinical and Translational Neurology, 2015, 2, 215-230. | 1.7 | 76 |
| 3857 | Daily Marijuana Use Is Not Associated with Brain Morphometric Measures in Adolescents or Adults. Journal of Neuroscience, 2015, 35, 1505-1512. | 1.7 | 114 |
| 3858 | Distinguishing mild cognitive impairment from Alzheimer's disease with acrolein metabolites and creatinine in urine. Clinica Chimica Acta, 2015, 441, 115-121. | 0.5 | 24 |
| 3859 | Structural covariance networks across healthy young adults and their consistency. Journal of Magnetic Resonance Imaging, 2015, 42, 261-268. | 1.9 | 15 |
| 3860 | Viewâ€centralized multiâ€atlas classification for Alzheimer's disease diagnosis. Human Brain Mapping, 2015, 36, 1847-1865. | 1.9 | 88 |
| 3861 | Protective variant for hippocampal atrophy identified by whole exome sequencing. Annals of Neurology, 2015, 77, 547-552. | 2.8 | 48 |
| 3862 | Fusion analysis of first episode depression: Where brain shape deformations meet local composition of tissue. NeuroImage: Clinical, 2015, 7, 114-121. | 1.4 | 8 |
| 3863 | Exploring the brain's structural connectome: A quantitative stroke lesionâ€dysfunction mapping study. Human Brain Mapping, 2015, 36, 2147-2160. | 1.9 | 47 |
| 3864 | Neuroanatomical correlates of brain–computer interface performance. NeuroImage, 2015, 110, 95-100. | 2.1 | 44 |
| 3865 | Depressive symptoms in Parkinson's disease are related to decreased hippocampus and amygdala volume. Movement Disorders, 2015, 30, 245-252. | 2.2 | 118 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3866 | Clinical Prediction from Structural Brain MRI Scans: A Large-Scale Empirical Study. Neuroinformatics, 2015, 13, 31-46. | 1.5 | 131 |
| 3867 | Dissociable spatial and non-spatial attentional deficits after circumscribed thalamic stroke. Cortex, 2015, 64, 327-342. | 1.1 | 17 |
| 3868 | Meta-analyses of structural regional cerebral effects in type 1 and type 2 diabetes. Brain Imaging and Behavior, 2015, 9, 651-662. | 1.1 | 119 |
| 3869 | Morphometric and functional MRI changes in essential tremor with and without resting tremor. Journal of Neurology, 2015, 262, 719-728. | 1.8 | 39 |
| 3870 | Degeneration and Plasticity of the Optic Pathway in Alstrom Syndrome. American Journal of Neuroradiology, 2015, 36, 160-165. | 1.2 | 11 |
| 3871 | MRI with and without a high-density EEG cap—what makes the difference?. NeuroImage, 2015, 106, 189-197. | 2.1 | 22 |
| 3872 | A 12-step user guide for analyzing voxel-wise gray matter asymmetries in statistical parametric mapping (SPM). Nature Protocols, 2015, 10, 293-304. | 5.5 | 182 |
| 3873 | The neuroanatomical delineation of agentic and affiliative extraversion. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 321-334. | 1.0 | 64 |
| 3874 | Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142. | 2.3 | 183 |
| 3875 | Structural correlates of COMT Val158Met polymorphism in childhood ADHD: a voxel-based morphometry study. World Journal of Biological Psychiatry, 2015, 16, 190-199. | 1.3 | 14 |
| 3876 | Grey matter volume abnormalities in patients with bipolar I depressive disorder and unipolar depressive disorder: a voxel-based morphometry study. Neuroscience Bulletin, 2015, 31, 4-12. | 1.5 | 47 |
| 3877 | Specific regions display altered grey matter volume in μâ€opioid receptor knockout mice: <scp>MRI</scp> voxelâ€based morphometry. British Journal of Pharmacology, 2015, 172, 654-667. | 2.7 | 14 |
| 3878 | Brain structures and functional connectivity associated with individual differences in Internet tendency in healthy young adults. Neuropsychologia, 2015, 70, 134-144. | 0.7 | 49 |
| 3879 | Proof of principle: Transformation approach alters caudate nucleus volume and structure-function associations. Brain Imaging and Behavior, 2015, 9, 744-753. | 1.1 | 9 |
| 3880 | Effective Anatomical Priors for Emission Tomographic Reconstruction. Journal of Medical and Biological Engineering, 2015, 35, 52-61. | 1.0 | 5 |
| 3881 | Hyperactivation of working memory-related brain circuits in newly diagnosed middle-aged type 2 diabetics. Acta Diabetologica, 2015, 52, 133-142. | 1.2 | 24 |
| 3882 | Whole-Brain Imaging. , 2015, , 1-38. | | 2 |
| 3883 | Thalamotemporal alteration and postoperative seizures in temporal lobe epilepsy. Annals of Neurology, 2015, 77, 760-774. | 2.8 | 104 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3884 | Facial affect recognition linked to damage in specific white matter tracts in traumatic brain injury. Social Neuroscience, 2015, 10, 27-34. | 0.7 | 55 |
| 3885 | The Impact of Television Viewing on Brain Structures: Cross-Sectional and Longitudinal Analyses. Cerebral Cortex, 2015, 25, 1188-1197. | 1.6 | 94 |
| 3886 | Anatomical likelihood estimation meta-analysis of grey and white matter anomalies in autism spectrum disorders. NeuroImage: Clinical, 2015, 7, 525-536. | 1.4 | 78 |
| 3887 | A Neurocognitive Approach to Expertise in Visual Object Recognition. Lecture Notes in Computer Science, 2015, , 426-436. | 1.0 | 1 |
| 3888 | Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 832-840. | 0.3 | 41 |
| 3889 | Imaging predictors of remission to anti-depressant medications in major depressive disorder. Journal of Affective Disorders, 2015, 186, 134-144. | 2.0 | 38 |
| 3890 | Inter-individual variability in metacognitive ability for visuomotor performance and underlying brain structures. Consciousness and Cognition, 2015, 36, 327-337. | 0.8 | 32 |
| 3891 | Brain morphology is individual-specific information. Magnetic Resonance Imaging, 2015, 33, 816-821. | 1.0 | 13 |
| 3892 | Sensory-motor integration in focal dystonia. Neuropsychologia, 2015, 79, 288-300. | 0.7 | 64 |
| 3893 | Gender moderates the association between dorsal medial prefrontal cortex volume and depressive symptoms in a subclinical sample. Psychiatry Research - Neuroimaging, 2015, 233, 285-288. | 0.9 | 21 |
| 3894 | Morphometric and neurochemical alterations found in l-BMAA treated rats. Environmental Toxicology and Pharmacology, 2015, 39, 1232-1245. | 2.0 | 22 |
| 3895 | Mediterranean diet and preserved brain structural connectivity inÂolderÂsubjects. Alzheimer's and Dementia, 2015, 11, 1023-1031. | 0.4 | 110 |
| 3896 | Probability distribution function-based classification of structural MRI for the detection of Alzheimer's disease. Computers in Biology and Medicine, 2015, 64, 208-216. | 3.9 | 74 |
| 3897 | A reliable spatially normalized template of the human spinal cord — Applications to automated white matter/gray matter segmentation and tensor-based morphometry (TBM) mapping of gray matter alterations occurring with age. NeuroImage, 2015, 117, 20-28. | 2.1 | 31 |
| 3898 | Gray matter damage in multiple sclerosis: Impact on clinical symptoms. Neuroscience, 2015, 303, 446-461. | 1.1 | 65 |
| 3899 | Ageing shows a pattern of cerebellar degeneration analogous, but not equal, to that in patients suffering from cerebellar degenerative disease. NeuroImage, 2015, 116, 196-206. | 2.1 | 32 |
| 3900 | A pilot study of gray matter volume changes associated with paroxetine treatment and response in social anxiety disorder. Psychiatry Research - Neuroimaging, 2015, 231, 279-285. | 0.9 | 44 |
| 3901 | <i>ZNF804A</i> genetic variation (rs1344706) affects brain grey but not white matter in schizophrenia and healthy subjects. Psychological Medicine, 2015, 45, 143-152. | 2.7 | 20 |

| # | Article | IF | CITATIONS |
|--------------------------------------|---|--------------------------|-----------------------------|
| 3902 | Disorder-specific grey matter deficits in attention deficit hyperactivity disorder relative to autism spectrum disorder. Psychological Medicine, 2015, 45, 965-976. | 2.7 | 48 |
| 3903 | Multi-TI Arterial Spin Labeling MRI with Variable TR and Bolus Duration for Cerebral Blood Flow and Arterial Transit Time Mapping. IEEE Transactions on Medical Imaging, 2015, 34, 1392-1402. | 5.4 | 23 |
| 3904 | Prodromal posterior cortical atrophy: clinical, neuropsychological, and radiological correlation. Neurocase, 2015, 21, 44-55. | 0.2 | 13 |
| 3905 | Voxel-based analysis in neuroferritinopathy expands the phenotype and determines radiological correlates of disease severity. Journal of Neurology, 2015, 262, 2232-2240. | 1.8 | 3 |
| 3906 | Interpreting support vector machine models for multivariate group wise analysis in neuroimaging. Medical Image Analysis, 2015, 24, 190-204. | 7.0 | 57 |
| 3907 | Neuroanatomical deficits correlate with executive dysfunction in boys with attention deficit hyperactivity disorder. Neuroscience Letters, 2015, 600, 45-49. | 1.0 | 24 |
| 3908 | Classification and clinicoradiologic features of primary progressive aphasia (PPA) and apraxia of speech. Cortex, 2015, 69, 220-236. | 1.1 | 133 |
| 3909 | The (in)consistency of changes in brain macrostructure in male paedophiles: A combined T1-weighted and diffusion tensor imaging study. Journal of Psychiatric Research, 2015, 68, 246-253. | 1.5 | 23 |
| 3910 | Visualization and Processing of Higher Order Descriptors for Multi-Valued Data. Mathematics and Visualization, 2015, , . | 0.4 | 5 |
| | | | |
| 3911 | Structural and Quantitative MRI in Epilepsy. , 2015, , 155-167. | | 1 |
| 3911 3912 | | 2.3 | 1 |
| | Structural and Quantitative MRI in Epilepsy. , 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous | 2.3 | |
| 3912 | Structural and Quantitative MRI in Epilepsy. , 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous Mental Development, 2015, 7, 287-300. Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory | | 3 |
| 3912 3913 | Structural and Quantitative MRI in Epilepsy., 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous Mental Development, 2015, 7, 287-300. Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. Nature Communications, 2015, 6, 7582. Cortical dynamics and subcortical signatures of motor-language coupling in Parkinson's disease. | 5.8 | 3 108 |
| 3912 3913 3914 | Structural and Quantitative MRI in Epilepsy., 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous Mental Development, 2015, 7, 287-300. Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. Nature Communications, 2015, 6, 7582. Cortical dynamics and subcortical signatures of motor-language coupling in Parkinson's disease. Scientific Reports, 2015, 5, 11899. Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in | 5.8 1.6 | 3 108 63 |
| 3912 3913 3914 3915 | Structural and Quantitative MRI in Epilepsy., 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous Mental Development, 2015, 7, 287-300. Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. Nature Communications, 2015, 6, 7582. Cortical dynamics and subcortical signatures of motor-language coupling in Parkinson's disease. Scientific Reports, 2015, 5, 11899. Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in the presence of crossing fibres. NeuroImage, 2015, 117, 40-55. Feel the Noise: Relating Individual Differences in Auditory Imagery to the Structure and Function of | 5.8 1.6 2.1 | 3 108 63 276 |
| 3912 3913 3914 3915 3916 | Structural and Quantitative MRI in Epilepsy., 2015, , 155-167. Randomized Structural Sparsity-Based Support Identification with Applications to Locating Activated or Discriminative Brain Areas: A Multicenter Reproducibility Study. IEEE Transactions on Autonomous Mental Development, 2015, 7, 287-300. Voxel-based morphometry predicts shifts in dendritic spine density and morphology with auditory fear conditioning. Nature Communications, 2015, 6, 7582. Cortical dynamics and subcortical signatures of motor-language coupling in Parkinson's disease. Scientific Reports, 2015, 5, 11899. Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in the presence of crossing fibres. NeuroImage, 2015, 117, 40-55. Feel the Noise: Relating Individual Differences in Auditory Imagery to the Structure and Function of Sensorimotor Systems. Cerebral Cortex, 2015, 25, 4638-4650. Stroke and Neurodegeneration Induce Different Connectivity Aberrations in the Insula. Stroke, 2015, | 5.8 1.6 2.1 1.6 | 3 108 63 276 54 |

| | | CITATION REPORT | | |
|------|--|--|-----|-----------|
| # | Article | | IF | CITATIONS |
| 3920 | Multi-atlas segmentation of biomedical images: A survey. Medical Image Analysis, 201 | 5, 24, 205-219. | 7.0 | 513 |
| 3921 | PCC characteristics at rest in 10-year memory decliners. Neurobiology of Aging, 2015, | 36, 2812-2820. | 1.5 | 28 |
| 3922 | Structural brain correlates of associative memory in older adults. NeuroImage, 2015, 1 | 18, 146-153. | 2.1 | 28 |
| 3923 | Alzheimer's disease diagnosis on structural MR images using circular harmonic functio on hippocampus and posterior cingulate cortex. Computerized Medical Imaging and C 13-25. | ns descriptors raphics, 2015, 44, | 3.5 | 77 |
| 3924 | 3d discrete wavelet transform for computer aided diagnosis of <scp>A</scp> lzheimer t1â€weighted brain <scp>MRI</scp> . International Journal of Imaging Systems and Te 179-190. | s disease using chnology, 2015, 25, | 2.7 | 12 |
| 3925 | Association between age of disease-onset, cognitive performance and cortical thickne disorders. Journal of Affective Disorders, 2015, 174, 627-635. | ss in bipolar | 2.0 | 39 |
| 3926 | Human brain structure predicts individual differences in preconscious evaluation of fac dominance and trustworthiness. Social Cognitive and Affective Neuroscience, 2015, 1 | | 1.5 | 21 |
| 3927 | Focal Cortical Dysplasia. , 2015, , 881-886. | | | 0 |
| 3928 | Cortical Surface Morphometry. , 2015, , 157-166. | | | 1 |
| 3929 | Voxel-Based Morphometry. , 2015, , 345-349. | | | 27 |
| 3930 | Tract-Based Spatial Statistics and Other Approaches for Cross-Subject Comparison of MRI Parameters. , 2015, , 437-464. | Local Diffusion | | 2 |
| 3931 | Topological Inference. , 2015, , 495-500. | | | 8 |
| 3932 | Construction of a fetal spatio-temporal cortical surface atlas from in utero MRI: Applica spectral surface matching. NeuroImage, 2015, 120, 467-480. | ation of | 2.1 | 47 |
| 3933 | A voxelâ€based morphometry comparison of the 3.0T ADNIâ€1 and ADNIâ€2 volumet International Journal of Geriatric Psychiatry, 2015, 30, 531-538. | ric MRI protocols. | 1.3 | 9 |
| 3934 | The significance of caudate volume for age-related associative memory decline. Brain F 1622, 137-148. | lesearch, 2015, | 1.1 | 34 |
| 3935 | Structural Gray Matter Differences During Childhood Development in Autism Spectrur Multimetric Approach. Pediatric Neurology, 2015, 53, 350-359. | n Disorder: A | 1.0 | 53 |
| 3936 | Cerebral Structural Changes in Diabetic Kidney Disease: African American–Diabetes Diabetes Care, 2015, 38, 206-212. | Heart Study MIND. | 4.3 | 36 |
| 3937 | Gray matter abnormalities in cocaine versus methamphetamine-dependent patients: a meta-analysis. American Journal of Drug and Alcohol Abuse, 2015, 41, 290-299. | neuroimaging | 1.1 | 76 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3938 | Cortical Plasticity After Peripheral Nerve Injury. , 2015, , 1055-1076. | | 12 |
| 3939 | Heritability and genetic association analysis of neuroimaging measures in the Diabetes Heart Study. Neurobiology of Aging, 2015, 36, 1602.e7-1602.e15. | 1.5 | 16 |
| 3940 | Neurostructural abnormalities in pediatric anxiety disorders. Journal of Anxiety Disorders, 2015, 32, 81-88. | 1.5 | 77 |
| 3941 | Structural and functional neuroimaging in patients with Parkinson's disease and visual hallucinations: A critical review. Parkinsonism and Related Disorders, 2015, 21, 683-691. | 1.1 | 85 |
| 3942 | Quantitative metaâ€analysis of grey matter anomalies in neuropathic pain. European Journal of Pain, 2015, 19, 1224-1231. | 1.4 | 36 |
| 3943 | Pre-existing structural abnormalities of the limbic system in transient global amnesia. Journal of Clinical Neuroscience, 2015, 22, 843-847. | 0.8 | 20 |
| 3944 | Acute response to psychological trauma and subsequent recovery: No changes in brain structure. Psychiatry Research - Neuroimaging, 2015, 231, 269-272. | 0.9 | 3 |
| 3945 | Regional volumes and spatial volumetric distribution of gray matter in the gender dysphoric brain. Psychoneuroendocrinology, 2015, 55, 59-71. | 1.3 | 69 |
| 3946 | Alterations in the gray matter volume in transient ischemic attack: a voxel-based morphometry study. Neurological Research, 2015, 37, 43-49. | 0.6 | 10 |
| 3947 | Brain gray and white matter differences in healthy normal weight and obese children. Journal of Magnetic Resonance Imaging, 2015, 42, 1205-1213. | 1.9 | 91 |
| 3948 | Visual and statistical analysis of 18F-FDG PET in primary progressive aphasia. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 916-927. | 3.3 | 35 |
| 3949 | Clinical, FDG and amyloid PET imaging in posterior cortical atrophy. Journal of Neurology, 2015, 262, 1483-1492. | 1.8 | 53 |
| 3950 | Functional changes during working memory in Huntington's disease: 30-month longitudinal data from the IMAGE-HD study. Brain Structure and Function, 2015, 220, 501-512. | 1.2 | 61 |
| 3951 | Classifying adolescent attention-deficit/hyperactivity disorder (ADHD) based on functional and structural imaging. European Child and Adolescent Psychiatry, 2015, 24, 1279-1289. | 2.8 | 50 |
| 3952 | What Twin Studies Tell Us About the Heritability of Brain Development, Morphology, and Function: A Review. Neuropsychology Review, 2015, 25, 27-46. | 2.5 | 143 |
| 3953 | Meta-analytic Comparison Between PIB-PET and FDG-PET Results in Alzheimer's Disease and MCI. Cell Biochemistry and Biophysics, 2015, 71, 17-26. | 0.9 | 41 |
| 3954 | Voxel-based morphometry at ultra-high fields. A comparison of 7T and 3T MRI data. NeuroImage, 2015, 113, 207-216. | 2.1 | 43 |
| 3955 | Predictive Models Based on Support Vector Machines: Wholeâ€Brain versus Regional Analysis of Structural MRI in the Alzheimer's Disease. Journal of Neuroimaging, 2015, 25, 552-563. | 1.0 | 42 |

ARTICLE IF CITATIONS Structural brain alterations in heart failure: a review of the literature and implications for risk of 3956 1.7 50 Alzheimer's disease. Heart Failure Reviews, 2015, 20, 561-571. Florbetapir PET, FDG PET, and MRI in Down syndrome individuals with and without Alzheimer's 0.4 58 dementia. Alzheimer's and Dementia, 2015, 11, 994-1004. Brain MR image denoising for Rician noise using pre-smooth non-local means filter. BioMedical 3958 1.3 45 Engineering OnLine, 2015, 14, 2. Disparate voxel based morphometry (VBM) results between SPM and FSL softwares in ALS patients with 3959 0.8 frontotemporal dementia: which VBM results to consider?. BMC Neurology, 2015, 15, 32. Absence of change in the gray matter volume of patients with ulcerative colitis in remission: a voxel 3960 0.9 20 based morphometry study. BioPsychoSocial Medicine, 2015, 9, 1. Amyloid and FDG-PET study of logopenic primary progressive aphasia: evidence for the existence of two subtypes. Journal of Neurology, 2015, 262, 1463-1472. 1.8 39 Detection of Alzheimer's disease using group lasso SVM-based region selection. Proceedings of SPIE, 3962 0.8 1 2015,,. Optimization of rs-fMRI Pre-processing for Enhanced Signal-Noise Separation, Test-Retest Reliability, and Group Discrimination. NeuroImage, 2015, 117, 67-79. 3963 2.1 167 Structural and functional brain abnormalities in chronic low back pain: A systematic reviewa²⁺. 3964 1.6 216 Seminars in Arthritis and Rheumatism, 2015, 45, 229-237. Regional flux analysis for discovering and quantifying anatomical changes: An application to the 2.1 brain morphometry in Alzheimer's disease. NeuroImage, 2015, 115, 224-234. Dyslexia and voxel-based morphometry: correlations between five behavioural measures of dyslexia 3966 1.2 22 and gray and white matter volumes. Annals of Dyslexia, 2015, 65, 121-141. The Role of Neuroimaging in Amyotrophic Lateral Sclerosis., 2015, , 787-797. 3967 Neuroimaging as a New Diagnostic Modality in Amyotrophic Lateral Sclerosis. Neurotherapeutics, 3968 2.1 28 2015, 12, 403-416. Do I know you? Examining face and object memory in frontotemporal dementia. Neuropsychologia, 2015, 71, 101-111. 3969 Topography of primitive reflexes in dementia: an <scp>F</scp>â€18 fluorodeoxyglucose positron 3970 7 1.7 emission tomography study. European Journal of Neurology, 2015, 22, 1201-1207. Regional white matter abnormalities in drug-naive, first-episode schizophrenia patients and their 3971 healthy unaffected siblings. Australian and New Zealand Journal of Psychiatry, 2015, 49, 246-254. Reduced paralimbic system gray matter volume in schizophrenia: Correlations with clinical variables, 3972 1.530 symptomatology and cognitive function. Journal of Psychiatric Research, 2015, 65, 80-86. Grey matter volumes in treatment naà ve vs. chronically treated children with attention 3973 deficit/hyperactivity disorder: a combined approach. European Neuropsychopharmacology, 2015, 25, 1118-1127.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 3974 | Gray matter correlates of migraine and gender effect: A meta-analysis of voxel-based morphometry studies. Neuroscience, 2015, 299, 88-96. | 1.1 | 56 |
| 3975 | Estimating Intracranial Volume in Brain Research: An Evaluation of Methods. Neuroinformatics, 2015, 13, 427-441. | 1.5 | 35 |
| 3976 | Cognitive and Brain Structural Changes in a Lung Cancer Population. Journal of Thoracic Oncology, 2015, 10, 38-45. | 0.5 | 79 |
| 3977 | Handbook of Biomedical Imaging. , 2015, , . | | 10 |
| 3978 | Nutrient patterns and brain biomarkers of Alzheimer's disease in cognitively normal individuals. Journal of Nutrition, Health and Aging, 2015, 19, 413-423. | 1.5 | 124 |
| 3979 | Mapping the Progression of Atrophy in Early- and Late-Onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 46, 351-364. | 1.2 | 71 |
| 3980 | Translational Medicine in Psychiatry. , 2015, , 195-213. | | 0 |
| 3981 | Cortical thickness, surface area and folding in patients with psychogenic nonepileptic seizures. Epilepsy Research, 2015, 112, 84-91. | 0.8 | 53 |
| 3982 | Know your tools—concordance of different methods for measuring brain volume change after ischemic stroke. Neuroradiology, 2015, 57, 685-695. | 1.1 | 7 |
| 3983 | False positive rates in Voxel-based Morphometry studies of the human brain: Should we be worried?. Neuroscience and Biobehavioral Reviews, 2015, 52, 49-55. | 2.9 | 74 |
| 3984 | Increased connectivity between sensorimotor and attentional areas in Parkinson's disease. Neuroradiology, 2015, 57, 957-968. | 1.1 | 33 |
| 3985 | Affective mentalizing and brain activity at rest in the behavioral variant of frontotemporal dementia. NeuroImage: Clinical, 2015, 9, 484-497. | 1.4 | 43 |
| 3986 | Accurate detection of autism spectrum disorder from structural MRI using extended metacognitive radial basis function network. Expert Systems With Applications, 2015, 42, 8775-8790. | 4.4 | 26 |
| 3987 | Association of plasma β-amyloid with MRI markers of structural brain aging the 3-City Dijon study. Neurobiology of Aging, 2015, 36, 2663-2670. | 1.5 | 24 |
| 3988 | Relevant feature set estimation with a knock-out strategy and random forests. NeuroImage, 2015, 122, 131-148. | 2.1 | 20 |
| 3989 | Effects of Type 2 Diabetes on Brain Structure and Cognitive Function: African American–Diabetes Heart Study MIND. American Journal of Neuroradiology, 2015, 36, 1648-1653. | 1.2 | 17 |
| 3990 | Subclinical Atherosclerosis Is Inversely Associated With Gray Matter Volume in African Americans With Type 2 Diabetes. Diabetes Care, 2015, 38, 2158-2165. | 4.3 | 9 |
| 3991 | The need for improved brain lesion segmentation techniques for children with cerebral palsy: A review. International Journal of Developmental Neuroscience, 2015, 47, 229-246. | 0.7 | 19 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 3992 | Permutation and parametric tests for effect sizes in voxel-based morphometry of gray matter volume in brain structural MRI. Magnetic Resonance Imaging, 2015, 33, 1299-1305. | 1.0 | 28 |
| 3993 | Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. Journal of Neuroscience, 2015, 35, 10088-10100. | 1.7 | 54 |
| 3994 | The effect of computer-based cognitive flexibility training on recovery of executive function after stroke: rationale, design and methods of the TAPASS study. BMC Neurology, 2015, 15, 144. | 0.8 | 21 |
| 3995 | Design and development of an ethnically-diverse imaging informatics-based eFolder system for multiple sclerosis patients. Computerized Medical Imaging and Graphics, 2015, 46, 257-268. | 3.5 | 2 |
| 3996 | Progression in Behavioral Variant Frontotemporal Dementia. JAMA Neurology, 2015, 72, 1501. | 4.5 | 47 |
| 3997 | Differential relationships between apathy and depression with white matter microstructural changes and functional outcomes. Brain, 2015, 138, 3803-3815. | 3.7 | 126 |
| 3998 | Multimodal neuroimaging computing: the workflows, methods, and platforms. Brain Informatics, 2015, 2, 181-195. | 1.8 | 22 |
| 3999 | Grey matter volume differences associated with gender in children with attention-deficit/hyperactivity disorder: A voxel-based morphometry study. Developmental Cognitive Neuroscience, 2015, 14, 32-37. | 1.9 | 26 |
| 4000 | Altered Structural and Functional Feature of Striato-Cortical Circuit in Benign Epilepsy with Centrotemporal Spikes. International Journal of Neural Systems, 2015, 25, 1550027. | 3.2 | 73 |
| 4001 | Diffusion MRI and its Role in Neuropsychology. Neuropsychology Review, 2015, 25, 250-271. | 2.5 | 31 |
| 4002 | Neuroanatomical correlates of negative emotionality-related traits: A systematic review and meta-analysis. Neuropsychologia, 2015, 77, 97-118. | 0.7 | 70 |
| 4003 | Converging evidence does not support <i>GIT1</i> as an ADHD risk gene. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 492-507. | 1.1 | 18 |
| 4004 | Dysfunctional resting-state connectivities of brain regions with structural deficits in drug-naive first-episode schizophrenia adolescents. Schizophrenia Research, 2015, 168, 353-359. | 1.1 | 31 |
| 4005 | Handedness- and Brain Size-Related Efficiency Differences in Small-World Brain Networks: A Resting-State Functional Magnetic Resonance Imaging Study. Brain Connectivity, 2015, 5, 259-265. | 0.8 | 10 |
| 4006 | Sports Performance and the Brain. , 2015, , 3-12. | | 1 |
| 4007 | Structural imaging of hippocampal subfields in healthy aging and Alzheimer's disease. Neuroscience, 2015, 309, 29-50. | 1.1 | 265 |
| 4008 | Brain Informatics and Health. Lecture Notes in Computer Science, 2015, , . | 1.0 | 5 |
| 4009 | Motor and extra-motor gray matter atrophy in amyotrophic lateral sclerosis: quantitative meta-analyses of voxel-based morphometry studies. Neurobiology of Aging, 2015, 36, 3288-3299. | 1.5 | 25 |

ARTICLE IF CITATIONS Structural Image Analysis of the Brain in Neuropsychology Using Magnetic Resonance Imaging (MRI) 4010 2.5 35 Techniques. Neuropsychology Review, 2015, 25, 224-249. Amygdalar and hippocampal volume: A comparison between manual segmentation, Freesurfer and VBM. 1.3 Journal of Neuroscience Methods, 2015, 253, 254-261. Morphometric correlates of dysarthric deficit in amyotrophic lateral sclerosis. Amyotrophic Lateral 4012 13 1.1 Sclerosis and Frontotemporal Degeneration, 2015, 16, 464-472. Effects of an opioid (proenkephalin) polymorphism on neural response to errors in health and 4013 1.2 cocaine use disorder. Behavioural Brain Research, 2015, 293, 18-26. Cerebellar white matter changes in patients with newly diagnosed partial epilepsy of unknown 4014 0.6 18 etiology. Clinical Neurology and Neurosurgery, 2015, 138, 25-30. Longitudinal gray matter contraction in three variants of primary progressive aphasia: A tenser-based morphometry study. NeuroImage: Clinical, 2015, 8, 345-355. 1.4 79 Fuzzy classification of Alzheimer's disease using statistical moments., 2015,,. 4016 3 Scene construction impairments in Alzheimer's disease – A unique role for the posterior cingulate 4017 1.1 65 Application of fuzzy logic for Alzheimer's disease diagnosis., 2015, , . 9 4018 Increased prefrontal and parietal cortical thickness does not correlate with anhedonia in patients with untreated first-episode major depressive disorders. Psychiatry Research - Neuroimaging, 2015, 234, 29 144-151. The neural basis of olfactory function and its relationship with anhedonia in individuals with 4020 0.9 22 schizotypy: An exploratory study. Psychiatry Research - Neuroimaging, 2015, 234, 202-207. Gray and white matter alterations in hereditary spastic paraplegia type SPG4 and clinical correlations. 4021 1.8 30 Journal of Neurology, 2015, 262, 1961-1971. Persistent Homology in Sparse Regression and Its Application to Brain Morphometry. IEEE 4022 5.4 69 Transactions on Medical Imaging, 2015, 34, 1928-1939. Association between waist circumference and gray matter volume in 2344 individuals from two adult community-based samples. NeuroImage, 2015, 122, 149-157. 4023 2.1 FDG-PET Contributions to the Pathophysiology of Memory Impairment. Neuropsychology Review, 2015, 4024 2.523 25, 326-355. Generation of synthetic structural magnetic resonance images for deep learning pre-training., 2015,,. Structural correlates of spoken language abilities: A surface-based region-of interest morphometry 4026 0.8 11 study. Brain and Language, 2015, 149, 46-54. Asymmetrical white matter networks for attending to global versus local features. Cortex, 2015, 72, 4027 1.1 54-64.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4028 | Brain morphometry of individuals with schizophrenia with and without antipsychotic medication – The Northern Finland Birth Cohort 1966 Study. European Psychiatry, 2015, 30, 598-605. | 0.1 | 7 |
| 4029 | A voxelation-corrected non-stationary 3D cluster-size test based on random field theory. NeuroImage, 2015, 118, 676-682. | 2.1 | 4 |
| 4030 | Cerebellar gray matter and lobular volumes correlate with core autism symptoms. NeuroImage: Clinical, 2015, 7, 631-639. | 1.4 | 205 |
| 4031 | Schizophrenia risk variants modulate white matter volume across the psychosis spectrum: Evidence from two independent cohorts. NeuroImage: Clinical, 2015, 7, 764-770. | 1.4 | 22 |
| 4032 | Relationship between the catechol-O-methyl transferase Val108/158Met genotype and brain volume in treatment-naive major depressive disorder: Voxel-based morphometry analysis. Psychiatry Research - Neuroimaging, 2015, 233, 481-487. | 0.9 | 44 |
| 4033 | Gray matter abnormalities in patients with social anxiety disorder: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2015, 234, 106-112. | 0.9 | 33 |
| 4034 | Reduced visual cortex grey matter volume in children and adolescents with reactive attachment disorder. NeuroImage: Clinical, 2015, 9, 13-19. | 1.4 | 28 |
| 4035 | Neuroimaging distinction between neurological and psychiatric disorders. British Journal of Psychiatry, 2015, 207, 429-434. | 1.7 | 39 |
| 4036 | Voxelwise meta-analysis of gray matter anomalies in Parkinson variant of multiple system atrophy and Parkinson's disease using anatomic likelihood estimation. Neuroscience Letters, 2015, 587, 79-86. | 1.0 | 45 |
| 4037 | The relationship of brain structure to age and executive functioning in adolescent disruptive behavior disorder. Psychiatry Research - Neuroimaging, 2015, 231, 210-217. | 0.9 | 23 |
| 4038 | Heterogeneity of Structural Brain Changes in Subtypes of Schizophrenia Revealed Using Magnetic Resonance Imaging Pattern Analysis. Schizophrenia Bulletin, 2015, 41, 74-84. | 2.3 | 72 |
| 4039 | An Integrative Neurocircuit Perspective on Psychogenic Nonepileptic Seizures and Functional Movement Disorders. Clinical EEG and Neuroscience, 2015, 46, 4-15. | 0.9 | 112 |
| 4040 | Finding imaging patterns of structural covariance via Non-Negative Matrix Factorization. NeuroImage, 2015, 108, 1-16. | 2.1 | 127 |
| 4041 | Clinical course of primary progressive aphasia: clinical and FDG-PET patterns. Journal of Neurology, 2015, 262, 570-577. | 1.8 | 41 |
| 4042 | The tendency to trust is reflected in human brain structure. NeuroImage, 2015, 107, 175-181. | 2.1 | 38 |
| 4043 | Brain Structure Correlates of Urban Upbringing, an Environmental Risk Factor for Schizophrenia. Schizophrenia Bulletin, 2015, 41, 115-122. | 2.3 | 127 |
| 4044 | Changes in the default mode networks of individuals with long-term unilateral sensorineural hearing loss. Neuroscience, 2015, 285, 333-342. | 1.1 | 42 |
| 4045 | Effect of hypertension on the resting-state functional connectivity in patients with Alzheimer's disease (AD). Archives of Gerontology and Geriatrics, 2015, 60, 210-216. | 1.4 | 20 |

| | Сітатіс | on Report | |
|------|---|-----------|-----------|
| # | Article | IF | CITATIONS |
| 4046 | Physical Activity and Cognitive Vitality. Annual Review of Psychology, 2015, 66, 769-797. | 9.9 | 266 |
| 4047 | Attention deficit/hyperactivity disorder and medication with stimulants in young children: A DTI study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 57, 176-184. | 2.5 | 33 |
| 4048 | Altered gray matter density and disrupted functional connectivity of the amygdala in adults with Internet gaming disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 57, 185-192. | 2.5 | 119 |
| 4049 | Differential effects of androgenic and anti-androgenic progestins on fusiform and frontal gray matter volume and face recognition performance. Brain Research, 2015, 1596, 108-115. | 1.1 | 73 |
| 4050 | Widespread structural brain changes in OCD: A systematic review of voxel-based morphometry studies. Cortex, 2015, 62, 89-108. | 1.1 | 169 |
| 4051 | Verbal creativity in semantic variant primary progressive aphasia. Neurocase, 2015, 21, 73-78. | 0.2 | 25 |
| 4052 | Does the brain shrink as the waist expands?. Ageing Research Reviews, 2015, 20, 86-97. | 5.0 | 133 |
| 4053 | COMT Genetic Reduction Produces Sexually Divergent Effects on Cortical Anatomy and Working Memory in Mice and Humans. Cerebral Cortex, 2015, 25, 2529-2541. | 1.6 | 57 |
| 4054 | Neuroimaging for psychotherapy research: Current trends. Psychotherapy Research, 2015, 25, 185-213. | 1.1 | 73 |
| 4055 | Long-term intensive training induced brain structural changes in world class gymnasts. Brain Structure and Function, 2015, 220, 625-644. | 1.2 | 61 |
| 4056 | Differentially disrupted functional connectivity of the subregions of the inferior parietal lobule in Alzheimer's disease. Brain Structure and Function, 2015, 220, 745-762. | 1.2 | 63 |
| 4057 | Individual differences in regional prefrontal gray matter morphometry and fractional anisotropy are associated with different constructs of executive function. Brain Structure and Function, 2015, 220, 1291-1306. | 1.2 | 67 |
| 4058 | Fuzzy similarity based non local means filter for Rician noise removal. Multimedia Tools and Applications, 2015, 74, 5533-5556. | 2.6 | 19 |
| 4059 | Midbrain volume predicts fMRI and ERP measures of reward reactivity. Brain Structure and Function, 2015, 220, 1861-1866. | 1.2 | 44 |
| 4060 | Gray and white matter structures in the midcingulate cortex region contribute to body mass index in Chinese young adults. Brain Structure and Function, 2015, 220, 319-329. | 1.2 | 48 |
| 4061 | Magnetic Resonance Imaging and Spectroscopy in Hepatic Encephalopathy. Journal of Clinical and Experimental Hepatology, 2015, 5, S69-S74. | 0.4 | 27 |
| 4062 | Lesion-Symptom Mapping of Self-Prioritization in Explicit Face Categorization: Distinguishing Hypo- and Hyper-Self-Biases. Cerebral Cortex, 2015, 25, 374-383. | 1.6 | 18 |
| 4063 | Toward Defining the Neural Substrates of ADHD. Journal of Attention Disorders, 2015, 19, 944-953. | 1.5 | 41 |

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| C | TAT | ION. | Dr | DO | DT |
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| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4064 | Sex differences in neocortical structure and cognitive performance: A surface-based morphometry study. NeuroImage, 2015, 104, 355-365. | 2.1 | 32 |
| 4065 | Artificial Intelligence and Evolutionary Algorithms in Engineering Systems. Advances in Intelligent Systems and Computing, 2015, , . | 0.5 | 4 |
| 4066 | Brain anatomical substrates of mirror movements in Kallmann syndrome. Neurolmage, 2015, 104, 52-58. | 2.1 | 10 |
| 4067 | Regulating emotion to improve physical health through the amygdala. Social Cognitive and Affective Neuroscience, 2015, 10, 523-530. | 1.5 | 36 |
| 4068 | Structural abnormality of the hippocampus associated with depressive symptoms in heart failure rats. NeuroImage, 2015, 105, 84-92. | 2.1 | 35 |
| 4069 | Dynamic cortical gray matter volume changes after botulinum toxin in cervical dystonia. Neurobiology of Disease, 2015, 73, 327-333. | 2.1 | 24 |
| 4070 | Cerebral cortex involvement in Machadoâ^'Joseph disease. European Journal of Neurology, 2015, 22, 277. | 1.7 | 46 |
| 4071 | Regional patterns of grey matter atrophy and magnetisation transfer ratio abnormalities in multiple sclerosis clinical subgroups: A voxel-based analysis study. Multiple Sclerosis Journal, 2015, 21, 423-432. | 1.4 | 16 |
| 4072 | Structural magnetic resonance imaging markers of susceptibility and transition to schizophrenia: A review of familial and clinical high risk population studies. Journal of Psychopharmacology, 2015, 29, 144-154. | 2.0 | 53 |
| 4073 | The role of iron in gray matter degeneration in Huntington's disease: A magnetic resonance imaging study. Human Brain Mapping, 2015, 36, 50-66. | 1.9 | 38 |
| 4074 | Advanced magnetic resonance techniques for evaluating white matter. Journal of Pediatric Neuroradiology, 2015, 02, 003-015. | 0.1 | 0 |
| 4075 | Denoising of 3D magnetic resonance images by using higher-order singular value decomposition. Medical Image Analysis, 2015, 19, 75-86. | 7.0 | 85 |
| 4076 | Brain structures in the sciences and humanities. Brain Structure and Function, 2015, 220, 3295-3305. | 1.2 | 22 |
| 4077 | Neurostructural impact of co-occurring anxiety in pediatric patients with major depressive disorder: A voxel-based morphometry study. Journal of Affective Disorders, 2015, 171, 54-59. | 2.0 | 27 |
| 4078 | Abnormal gray matter and white matter volume in â€~Internet gaming addicts'. Addictive Behaviors, 2015, 40, 137-143. | 1.7 | 93 |
| 4079 | Orbitofrontal cortex volume and brain reward response in obesity. International Journal of Obesity, 2015, 39, 214-221. | 1.6 | 112 |
| 4080 | Brain structure links trait creativity to openness to experience. Social Cognitive and Affective Neuroscience, 2015, 10, 191-198. | 1.5 | 129 |
| 4081 | Studying ventricular abnormalities in mild cognitive impairment with hyperbolic Ricci flow and tensor-based morphometry. NeuroImage, 2015, 104, 1-20. | 2.1 | 42 |

ARTICLE IF CITATIONS # Impaired cortical oscillatory coupling in mild cognitive impairment: anatomical substrate and ApoE4 4082 1.2 11 effects. Brain Structure and Function, 2015, 220, 1721-1737. Acquisition of Paleolithic toolmaking abilities involves structural remodeling to inferior 1.2 94 frontoparietal regions. Brain Structure and Function, 2015, 220, 2315-2331. Grey matter volumetric changes related to recovery from hand paresis after cortical sensorimotor 4084 1.2 36 stroke. Brain Structure and Function, 2015, 220, 2533-2550. Motor Abnormalities and Basal Ganglia in Schizophrenia: Evidence from Structural Magnetic Resonance Imaging. Brain Topography, 2015, 28, 135-152. Classification of Alzheimer's disease subjects from MRI using hippocampal visual features. Multimedia 4086 2.6 100 Tools and Applications, 2015, 74, 1249-1266. Deep Brain Stimulation: The Perspective of Brain Connectivity., 2016, , . Clinical and Preclinical Molecular Imaging in Chronic Painâ€"Implications for Analgesic Use and 4088 1 Misuse., 2016, , 956-965. 4089 Structural Imaging of Dementia., 2016,,.

CITATION REPORT

Asymmetric Gray Matter Volume Changes Associated with Epilepsy Duration and Seizure Frequency in Temporal-Lobe-Epilepsy Patients with Favorable Surgical Outcome. Journal of Clinical Neurology

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4100 | Dose-dependent genotype effects of BDNF Val66Met polymorphism on default mode network in early stage Alzheimer's disease. Oncotarget, 2016, 7, 54200-54214. | 0.8 | 16 |
| 4101 | Computational Neuroanatomy of Schizophrenia. , 2016, , 263-282. | | 2 |
| 4102 | Computer-Aided Diagnosis in Neuroimaging. , 0, , . | | 4 |
| 4103 | Cerebral Gray Matter Volumes in Cocaine Dependence. , 2016, , 245-256. | | 2 |
| 4104 | The Acute and Chronic Effects of Ketamine as Revealed by Noninvasive Brain Imaging. , 2016, , 689-702. | | 1 |
| 4105 | Insula Volume and Salience Network Are Associated with Memory Decline in Parkinson Disease: Complementary Analyses of Voxel-Based Morphometry versus Volume of Interest. Parkinson's Disease, 2016, 2016, 1-8. | 0.6 | 9 |
| 4106 | Structural Neuroimaging Markers of Cognitive Decline in Parkinson's Disease. Parkinson's Disease, 2016, 2016, 1-8. | 0.6 | 11 |
| 4107 | Effects of Fast Simple Numerical Calculation Training on Neural Systems. Neural Plasticity, 2016, 2016, 1-15. | 1.0 | 3 |
| 4108 | Interhemispheric Plasticity following Intermittent Theta Burst Stimulation in Chronic Poststroke Aphasia. Neural Plasticity, 2016, 2016, 1-16. | 1.0 | 35 |
| 4109 | Differences in Cortical Representation and Structural Connectivity of Hands and Feet between Professional Handball Players and Ballet Dancers. Neural Plasticity, 2016, 2016, 1-17. | 1.0 | 32 |
| 4110 | Brain MR Contribution to the Differential Diagnosis of Parkinsonian Syndromes: An Update. Parkinson's Disease, 2016, 2016, 1-27. | 0.6 | 16 |
| 4111 | Neural Plasticity following Abacus Training in Humans: A Review and Future Directions. Neural Plasticity, 2016, 2016, 1-9. | 1.0 | 10 |
| 4112 | The Neurobiology of Language. , 2016, , 3-9. | | 23 |
| 4113 | Fundamentals of Functional Neuroimaging. , 0, , 41-73. | | 3 |
| 4114 | Age-Related Modifications of Diffusion Tensor Imaging Parameters and White Matter Hyperintensities as Inter-Dependent Processes. Frontiers in Aging Neuroscience, 2015, 7, 255. | 1.7 | 40 |
| 4115 | Effects of Omega-3 Fatty Acid Supplementation on Cognitive Functions and Neural Substrates: A Voxel-Based Morphometry Study in Aged Mice. Frontiers in Aging Neuroscience, 2016, 8, 38. | 1.7 | 48 |
| 4116 | The Indirect Effect of Age Group on Switch Costs via Gray Matter Volume and Task-Related Brain Activity. Frontiers in Aging Neuroscience, 2016, 8, 162. | 1.7 | 14 |
| 4117 | False Recognition in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease—Disinhibition or Amnesia?. Frontiers in Aging Neuroscience, 2016, 8, 177. | 1.7 | 27 |

| # 4118 | ARTICLE The Alterations of Cortical Volume, Thickness, Surface, and Density in the Intermediate Sporadic Parkinson's Disease from the Han Population of Mainland China. Frontiers in Aging Neuroscience, 2016, 8, 185. | IF 1.7 | Citations |
|-----------|---|-----------|-----------|
| 4119 | Identify the Atrophy of Alzheimer's Disease, Mild Cognitive Impairment and Normal Aging Using Morphometric MRI Analysis. Frontiers in Aging Neuroscience, 2016, 08, 243. | 1.7 | 26 |
| 4120 | Distinct Changes in Functional Connectivity in Posteromedial Cortex Subregions during the Progress of Alzheimer's Disease. Frontiers in Neuroanatomy, 2016, 10, 41. | 0.9 | 24 |
| 4121 | Neural Substrates of Semantic Prospection – Evidence from the Dementias. Frontiers in Behavioral Neuroscience, 2016, 10, 96. | 1.0 | 22 |
| 4122 | Serum S100B Protein is Specifically Related to White Matter Changes in Schizophrenia. Frontiers in Cellular Neuroscience, 2016, 10, 33. | 1.8 | 26 |
| 4123 | Assessing the Relationship between Neurocognitive Performance and Brain Volume in Chronic Moderate–Severe Traumatic Brain Injury. Frontiers in Neurology, 2016, 7, 29. | 1.1 | 23 |
| 4124 | Patterns of Co-Occurring Gray Matter Concentration Loss across the Huntington Disease Prodrome. Frontiers in Neurology, 2016, 7, 147. | 1.1 | 26 |
| 4125 | Comparing Aging and Fitness Effects on Brain Anatomy. Frontiers in Human Neuroscience, 2016, 10, 286. | 1.0 | 29 |
| 4126 | Structural Abnormalities in Childhood Absence Epilepsy: Voxel-Based Analysis Using Diffusion Tensor Imaging. Frontiers in Human Neuroscience, 2016, 10, 483. | 1.0 | 13 |
| 4127 | Functional Connectivity Abnormalities of Brain Regions with Structural Deficits in Young Adult Male Smokers. Frontiers in Human Neuroscience, 2016, 10, 494. | 1.0 | 12 |
| 4128 | Sex Differences in Gray Matter Volume of the Right Anterior Hippocampus Explain Sex Differences in Three-Dimensional Mental Rotation. Frontiers in Human Neuroscience, 2016, 10, 580. | 1.0 | 55 |
| 4129 | A Tool for Interactive Data Visualization: Application to Over 10,000 Brain Imaging and Phantom MRI Data Sets. Frontiers in Neuroinformatics, 2016, 10, 9. | 1.3 | 21 |
| 4130 | Intensity Inhomogeneity Correction of Structural MR Images: A Data-Driven Approach to Define Input Algorithm Parameters. Frontiers in Neuroinformatics, 2016, 10, 10. | 1.3 | 44 |
| 4131 | Automated Quality Assessment of Structural Magnetic Resonance Brain Images Based on a Supervised Machine Learning Algorithm. Frontiers in Neuroinformatics, 2016, 10, 52. | 1.3 | 66 |
| 4132 | When the Single Matters more than the Group (II): Addressing the Problem of High False Positive Rates in Single Case Voxel Based Morphometry Using Non-parametric Statistics. Frontiers in Neuroscience, 2016, 10, 6. | 1.4 | 24 |
| 4133 | Parcellation of the Healthy Neonatal Brain into 107 Regions Using Atlas Propagation through Intermediate Time Points in Childhood. Frontiers in Neuroscience, 2016, 10, 220. | 1.4 | 34 |
| 4134 | Neuroanatomical Alterations in High-Functioning Adults with Autism Spectrum Disorder. Frontiers in Neuroscience, 2016, 10, 237. | 1.4 | 29 |
| 4135 | Brain Bases of Working Memory for Time Intervals in Rhythmic Sequences. Frontiers in Neuroscience, 2016, 10, 239. | 1.4 | 31 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4136 | Classification and Extraction of Resting State Networks Using Healthy and Epilepsy fMRI Data. Frontiers in Neuroscience, 2016, 10, 440. | 1.4 | 29 |
| 4137 | Reproducibility and Bias in Healthy Brain Segmentation: Comparison of Two Popular Neuroimaging Platforms. Frontiers in Neuroscience, 2016, 10, 503. | 1.4 | 30 |
| 4138 | Influence of Group on Individual Subject Maps in SPM Voxel Based Morphometry. Frontiers in Neuroscience, 2016, 10, 522. | 1.4 | 11 |
| 4139 | Technical considerations of a game-theoretical approach for lesion symptom mapping. BMC Neuroscience, 2016, 17, 40. | 0.8 | 7 |
| 4140 | Detection of Lesions Underlying Intractable Epilepsy on T1-Weighted MRI as an Outlier Detection Problem. PLoS ONE, 2016, 11, e0161498. | 1.1 | 32 |
| 4141 | Reproducibility of Brain Morphometry from Short-Term Repeat Clinical MRI Examinations: A Retrospective Study. PLoS ONE, 2016, 11, e0146913. | 1.1 | 12 |
| 4142 | Relationship between G1287A of the NET Gene Polymorphisms and Brain Volume in Major Depressive Disorder: A Voxel-Based MRI Study. PLoS ONE, 2016, 11, e0150712. | 1.1 | 18 |
| 4143 | Increased Grey Matter Associated with Long-Term Sahaja Yoga Meditation: A Voxel-Based Morphometry Study. PLoS ONE, 2016, 11, e0150757. | 1.1 | 72 |
| 4144 | Effects of Hormone Therapy on Brain Volumes Changes of Postmenopausal Women Revealed by Optimally-Discriminative Voxel-Based Morphometry. PLoS ONE, 2016, 11, e0150834. | 1.1 | 23 |
| 4145 | Thalamic Volume Is Reduced in Cervical and Laryngeal Dystonias. PLoS ONE, 2016, 11, e0155302. | 1.1 | 36 |
| 4146 | Outcome Prediction of Consciousness Disorders in the Acute Stage Based on a Complementary Motor Behavioural Tool. PLoS ONE, 2016, 11, e0156882. | 1.1 | 47 |
| 4147 | Structural Differences in Insular Cortex Reflect Vicarious Injustice Sensitivity. PLoS ONE, 2016, 11, e0167538. | 1.1 | 8 |
| 4148 | Neural Mechanisms of Dorsal and Ventral Visual Regions during Text Reading. Frontiers in Psychology, 2016, 7, 1399. | 1.1 | 18 |
| 4149 | Being in a Romantic Relationship Is Associated with Reduced Gray Matter Density in Striatum and Increased Subjective Happiness. Frontiers in Psychology, 2016, 7, 1763. | 1.1 | 19 |
| 4150 | Identifying Individuals at High Risk of Psychosis: Predictive Utility of Support Vector Machine using Structural and Functional MRI Data. Frontiers in Psychiatry, 2016, 7, 52. | 1.3 | 29 |
| 4151 | Multivariate Imaging Genetics Study of MRI Gray Matter Volume and SNPs Reveals Biological Pathways Correlated with Brain Structural Differences in Attention Deficit Hyperactivity Disorder. Frontiers in Psychiatry, 2016, 7, 128. | 1.3 | 18 |
| 4152 | Neuroimaging of Central Sensitivity Syndromes: Key Insights from the Scientific Literature. Current Rheumatology Reviews, 2016, 12, 55-87. | 0.4 | 53 |
| 4153 | Brain Volumes in Adolescents with Alcohol Use Disorder. , 2016, , 587-599. | | 2 |

| | | CITATION R | EPORT | |
|------|---|---------------------------|-------|-----------|
| # | Article | | IF | Citations |
| 4154 | ls there a significant interaction effect between apolipoprotein E rs405509 T/T and ε4 ge cognitive impairment and gray matter volume?. European Journal of Neurology, 2016, 23, | | 1.7 | 20 |
| 4155 | Alterations in regional shape on ipsilateral and contralateral cortex contrast in children wir unilateral cerebral palsy and are predictive of multiple outcomes. Human Brain Mapping, 2 3588-3603. | | 1.9 | 21 |
| 4156 | Pathway to neural resilience: Selfâ€esteem buffers against deleterious effects of poverty on hippocampus. Human Brain Mapping, 2016, 37, 3757-3766. | in the | 1.9 | 34 |
| 4157 | Anhedonia and individual differences in orbitofrontal cortex sulcogyral morphology. Huma Mapping, 2016, 37, 3873-3881. | n Brain | 1.9 | 20 |
| 4158 | Brain Anatomy in Latino Farmworkers Exposed to Pesticides and Nicotine. Journal of Occu Environmental Medicine, 2016, 58, 436-443. | pational and | 0.9 | 5 |
| 4159 | More Severe Extratemporal Damages in Mesial Temporal Lobe Epilepsy With Hippocampa That With Other Lesions. Medicine (United States), 2016, 95, e3020. | Sclerosis Than | 0.4 | 19 |
| 4160 | Voxel-Based Morphometry and fMRI Revealed Differences in Brain Gray Matter in Breastfer Formula–Fed Children. American Journal of Neuroradiology, 2016, 37, 713-719. | d and Milk | 1.2 | 31 |
| 4161 | Patterns of hippocampal atrophy differ among Alzheimer's disease, amnestic mild cognitiv and lateâ€life depression. Psychogeriatrics, 2016, 16, 355-361. | e impairment, | 0.6 | 22 |
| 4162 | Gray and white matter alterations in early HIVâ€infected patients: Combined voxelâ€base and tractâ€based spatial statistics. Journal of Magnetic Resonance Imaging, 2016, 43, 14. | 1 morphometry 74-1483. | 1.9 | 39 |
| 4163 | Neurobiological signatures associated with alcohol and drug use in the human adolescent Neuroscience and Biobehavioral Reviews, 2016, 70, 244-259. | brain. | 2.9 | 91 |
| 4164 | Improved spatial regression analysis of diffusion tensor imaging for lesion detection during longitudinal progression of multiple sclerosis in individual subjects. Physics in Medicine an 2016, 61, 2497-2513. | g d Biology, | 1.6 | 4 |
| 4165 | Grey matter changes of the pain matrix in patients with burning mouth syndrome. Europe Neuroscience, 2016, 43, 997-1005. | an Journal of | 1.2 | 51 |
| 4166 | Combining multiple anatomical MRI measures improves Alzheimer's disease classification. Mapping, 2016, 37, 1920-1929. | Human Brain | 1.9 | 53 |
| 4167 | Negative and interactive effects of sex, aging, and alcohol abuse on gray matter morphom Brain Mapping, 2016, 37, 2276-2292. | etry. Human | 1.9 | 52 |
| 4168 | Small vessel disease and cognitive impairment: The relevance of central network connection Brain Mapping, 2016, 37, 2446-2454. | ons. Human | 1.9 | 39 |
| 4169 | Analytical corrections of banding artifacts in driven equilibrium single pulse observation of (DESPOT2). Magnetic Resonance in Medicine, 2016, 76, 1790-1804. | T2 | 1.9 | 4 |
| 4170 | Influence of regional cerebral blood volume on voxel-based morphometry. NMR in Biomed 29, 787-795. | icine, 2016, | 1.6 | 1 |
| 4171 | Exploring cortical atrophy and its clinical and biochemical correlates in Wilson's diseas based morphometry. Parkinsonism and Related Disorders, 2016, 30, 52-57. | e using voxel | 1.1 | 20 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4172 | Parametric fMRI of paced motor responses uncovers novel wholeâ€brain imaging biomarkers in spinocerebellar ataxia type 3. Human Brain Mapping, 2016, 37, 3656-3668. | 1.9 | 16 |
| 4173 | Whole brain fiberâ€based comparison (<scp>FBC</scp>)—A tool for diffusion tensor imagingâ€based cohort studies. Human Brain Mapping, 2016, 37, 477-490. | 1.9 | 4 |
| 4174 | Structural brain MRI studies in eye diseases: are they clinically relevant? A review of current findings. Acta Ophthalmologica, 2016, 94, 113-121. | 0.6 | 55 |
| 4175 | A functional magnetic resonance imaging investigation of motor control in Gilles de la Tourette syndrome during imagined and executed movements. European Journal of Neuroscience, 2016, 43, 494-508. | 1.2 | 23 |
| 4176 | Structural brain correlates of adolescent resilience. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1287-1296. | 3.1 | 49 |
| 4177 | Neural Correlates of Biased Responses: The Negative Method Effect in the Rosenberg Selfâ€Esteem Scale Is Associated with Right Amygdala Volume. Journal of Personality, 2016, 84, 623-632. | 1.8 | 15 |
| 4178 | Classification of Alzheimer's disease in MRI using visual saliency information. , 2016, , . | | 6 |
| 4179 | Disorganization of white matter architecture in major depressive disorder: a meta-analysis of diffusion tensor imaging with tract-based spatial statistics. Scientific Reports, 2016, 6, 21825. | 1.6 | 109 |
| 4180 | Magnetic resonance image classification using nonnegative matrix factorization and ensemble tree learning techniques. , 2016, , . | | 2 |
| 4181 | Computer aided analysis of cognitive disorder in patients with Parkinsonism using machine learning method with multilevel ROI-based features. , 2016, , . | | 6 |
| 4182 | Super-resolution of 3D MR images and its application to brain segmentation. , 2016, , . | | 0 |
| 4183 | The influence of lithium on hippocampal volume in elderly bipolar patients: a study using voxel-based morphometry. Translational Psychiatry, 2016, 6, e846-e846. | 2.4 | 15 |
| 4184 | Trauma-specific Grey Matter Alterations in PTSD. Scientific Reports, 2016, 6, 33748. | 1.6 | 54 |
| 4185 | Brain imaging in dementia. Postgraduate Medical Journal, 2016, 92, 333-340. | 0.9 | 24 |
| 4186 | The contribution of lesion location to upper limb deficit after stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1283-1286. | 0.9 | 31 |
| 4187 | Automatic brain portion extraction method for coronal T1-W Magnetic Resonance Images(MRI) of human head scans by double processing. , 2016, , . | | 0 |
| 4189 | Vulnerability for new episodes in recurrent major depressive disorder: protocol for the longitudinal DELTA-neuroimaging cohort study. BMJ Open, 2016, 6, e009510. | 0.8 | 29 |
| 4190 | White matter abnormalities at a regional and voxel level in focal and generalized epilepsy: A systematic review and meta-analysis. NeuroImage: Clinical, 2016, 12, 902-909. | 1.4 | 51 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 4191 | Longitudinal Study of Impaired Intra- and Inter-Network Brain Connectivity in Subjects at High Risk for Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 52, 913-927. | 1.2 | 54 |
| 4192 | Atrophy in Alzheimer's Disease andÂSemantic Dementia: An ALE Meta-Analysis of Voxel-Based Morphometry Studies. Journal of Alzheimer's Disease, 2016, 54, 941-955. | 1.2 | 58 |
| 4193 | Heterogeneity of neuroanatomical patterns in prodromal Alzheimer's disease: links to cognition, progression and biomarkers. Brain, 2017, 140, aww319. | 3.7 | 114 |
| 4194 | Comparison of Prefrontal Atrophy and Episodic Memory Performance in Dysexecutive Alzheimer's Disease and Behavioral-Variant Frontotemporal Dementia. Journal of Alzheimer's Disease, 2016, 51, 889-903. | 1.2 | 32 |
| 4195 | Childhood maltreatment is associated with altered frontolimbic neurobiological activity during wakefulness in adulthood. Development and Psychopathology, 2016, 28, 551-564. | 1.4 | 22 |
| 4196 | Multimodal Classification of Mild Cognitive Impairment Based on Partial Least Squares. Journal of Alzheimer's Disease, 2016, 54, 359-371. | 1.2 | 39 |
| 4197 | Uncovering the Neural Bases of Cognitive and Affective Empathy Deficits inÂAlzheimer's Disease and the Behavioral-Variant of Frontotemporal Dementia. Journal of Alzheimer's Disease, 2016, 53, 801-816. | 1.2 | 125 |
| 4198 | Feeling, learning from and being aware of inner states: interoceptive dimensions in neurodegeneration and stroke. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160006. | 1.8 | 123 |
| 4199 | Anatomical imbalance between cortical networks in autism. Scientific Reports, 2016, 6, 31114. | 1.6 | 26 |
| 4200 | Cortical plasticity between the pain and pain-free phases in patients with episodic tension-type headache. Journal of Headache and Pain, 2016, 17, 105. | 2.5 | 13 |
| 4201 | A Longitudinal Study on Resting State Functional Connectivity in Behavioral Variant Frontotemporal Dementia and Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 55, 521-537. | 1.2 | 48 |
| 4202 | Brain structural plasticity with spaceflight. Npj Microgravity, 2016, 2, 2. | 1.9 | 107 |
| 4203 | A novel GA-ELM approach for Parkinson's disease detection using brain structural T1-weighted MRI data. , 2016, , . | | 12 |
| 4204 | Different Patterns of Correlation betweenÂGrey and White Matter Integrity Account for Behavioral and Psychological Symptoms in Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 50, 591-604. | 1.2 | 15 |
| 4205 | Early grey matter changes in structural covariance networks in Huntington's disease. NeuroImage: Clinical, 2016, 12, 806-814. | 1.4 | 42 |
| 4206 | Decreased gray matter volume is associated with the subtypes of psychotic symptoms in patients with antipsychotic-naÃ⁻ve mild or moderate Alzheimer's disease. European Neuropsychopharmacology, 2016, 26, S639-S640. | 0.3 | 0 |
| 4207 | CDR Orientation score as an excellent predictor of the progression to AD in amnestic MCI individuals. European Neuropsychopharmacology, 2016, 26, S640. | 0.3 | 1 |
| 4208 | Biomechanical Analysis of Normal Brain Development during the First Year of Life Using Finite Strain Theory. Scientific Reports, 2016, 6, 37666. | 1.6 | 7 |

| # | ARTICLE Looking for Neuroimaging Markers in Frontotemporal Lobar Degeneration Clinical Trials: A | IF | CITATIONS |
|------|--|-----|-----------|
| 4209 | Multi-Voxel Pattern Analysis Study in Granulin Disease. Journal of Alzheimer's Disease, 2016, 51, 249-262. | 1.2 | 39 |
| 4210 | Similar Progression of Morphological andÂMetabolic Phenotype in R6/2 Mice with Different CAG Repeats Revealed by In Vivo Magnetic Resonance Imaging and Spectroscopy. Journal of Huntington's Disease, 2016, 5, 271-283. | 0.9 | 1 |
| 4211 | Early neuroimaging markers of FOXP2 intragenic deletion. Scientific Reports, 2016, 6, 35192. | 1.6 | 23 |
| 4212 | Severity of spinal cord injury influences diffusion tensor imaging of the brain. Journal of Magnetic Resonance Imaging, 2016, 43, 63-74. | 1.9 | 10 |
| 4213 | Iron Level and Myelin Content in the Ventral Striatum Predict Memory Performance in the Aging Brain. Journal of Neuroscience, 2016, 36, 3552-3558. | 1.7 | 55 |
| 4214 | Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2016, 11, 357-367. | 1.4 | 43 |
| 4215 | Whole-brain grey matter density predicts balance stability irrespective of age and protects older adults from falling. Gait and Posture, 2016, 45, 143-150. | 0.6 | 12 |
| 4216 | Lenticulostriate arterial distribution pathology may underlie pediatric anoxic brain injury in drowning. Neurolmage: Clinical, 2016, 11, 167-172. | 1.4 | 6 |
| 4217 | Childhood abuse and deprivation are associated with distinct sex-dependent differences in brain morphology. Neuropsychopharmacology, 2016, 41, 1716-1723. | 2.8 | 51 |
| 4218 | Decreased gray matter volume is associated with the subtypes of psychotic symptoms in patients with antipsychotic-naÃ ⁻ ve mild or moderate Alzheimer's disease: A voxel-based morphometry study. Psychiatry Research - Neuroimaging, 2016, 249, 45-51. | 0.9 | 12 |
| 4219 | Increased fractional anisotropy in cerebellum in obsessive–compulsive disorder. Acta Neuropsychiatrica, 2016, 28, 141-148. | 1.0 | 16 |
| 4220 | Early life stress and the anxious brain: evidence for a neural mechanism linking childhood emotional maltreatment to anxiety in adulthood. Psychological Medicine, 2016, 46, 1037-1054. | 2.7 | 66 |
| 4221 | Effects of vascular risk factors, statins, and antihypertensive drugs on PiB deposition in cognitively normal subjects. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2016, 2, 95-104. | 1.2 | 24 |
| 4222 | HPA-axis function and grey matter volume reductions: imaging the diathesis-stress model in individuals at ultra-high risk of psychosis. Translational Psychiatry, 2016, 6, e797-e797. | 2.4 | 24 |
| 4223 | MP2RAGE for deep gray matter measurement of the brain: A comparative study with MPRAGE. Journal of Magnetic Resonance Imaging, 2016, 43, 55-62. | 1.9 | 55 |
| 4224 | Using fMRI to study reward processing in humans: past, present, and future. Journal of Neurophysiology, 2016, 115, 1664-1678. | 0.9 | 84 |
| 4225 | Control-group feature normalization for multivariate pattern analysis of structural MRI data using the support vector machine. NeuroImage, 2016, 132, 157-166. | 2.1 | 23 |
| 4226 | Alertness function of thalamus in conflict adaptation. NeuroImage, 2016, 132, 274-282. | 2.1 | 14 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4227 | Inherent Structure-Based Multiview Learning With Multitemplate Feature Representation for Alzheimer's Disease Diagnosis. IEEE Transactions on Biomedical Engineering, 2016, 63, 1473-1482. | 2.5 | 96 |
| 4228 | Voxel based morphometry in optical coherence tomography: validation and core findings. , 2016, 9788, . | | 8 |
| 4229 | Gray matter volumes in symptomatic and asymptomatic offspring of parents diagnosed with bipolar disorder. European Child and Adolescent Psychiatry, 2016, 25, 959-967. | 2.8 | 17 |
| 4230 | Variational inference for medical image segmentation. Computer Vision and Image Understanding, 2016, 151, 14-28. | 3.0 | 13 |
| 4231 | Semi-automated registration-based anatomical labelling, voxel based morphometry and cortical thickness mapping of the mouse brain. Journal of Neuroscience Methods, 2016, 267, 62-73. | 1.3 | 51 |
| 4232 | The role of global and regional gray matter volume decrease in multiple sclerosis. Journal of Neurology, 2016, 263, 1137-1145. | 1.8 | 15 |
| 4233 | Reproducibility of hormone-driven regional grey matter volume changes in women using SPM8 and SPM12. Brain Structure and Function, 2016, 221, 4631-4641. | 1.2 | 28 |
| 4234 | Clinical relevance of brain atrophy assessment in multiple sclerosis. Implications for its use in a clinical routine. Expert Review of Neurotherapeutics, 2016, 16, 777-793. | 1.4 | 126 |
| 4235 | Molecular, Functional, and Structural Imaging of Major Depressive Disorder. Neuroscience Bulletin, 2016, 32, 273-285. | 1.5 | 62 |
| 4236 | Motion and morphometry in clinical and nonclinical populations. NeuroImage, 2016, 135, 177-185. | 2.1 | 155 |
| 4237 | Automated identification of dementia using medical imaging: a survey from a pattern classification perspective. Brain Informatics, 2016, 3, 17-27. | 1.8 | 35 |
| 4238 | Impaired renal function is associated with brain atrophy and poststroke cognitive decline. Neurology, 2016, 86, 1996-2005. | 1.5 | 22 |
| 4239 | Intervention versus Aggressive Medical Therapy for Cognition in Severe Asymptomatic Carotid Stenosis. American Journal of Neuroradiology, 2016, 37, 1889-1897. | 1.2 | 18 |
| 4240 | Functional connectivity and structural covariance between regions of interest can be measured more accurately using multivariate distance correlation. NeuroImage, 2016, 135, 16-31. | 2.1 | 104 |
| 4241 | Differential diagnosis of neurodegenerative diseases using structural MRI data. NeuroImage: Clinical, 2016, 11, 435-449. | 1.4 | 137 |
| 4242 | Striatal structure and function predict individual biases in learning to avoid pain. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4812-4817. | 3.3 | 63 |
| 4243 | Secondary Progressive Multiple Sclerosis: Definition and Measurement. CNS Drugs, 2016, 30, 517-526. | 2.7 | 34 |
| 4244 | The value of magnetic resonance imaging as a biomarker for amyotrophic lateral sclerosis: a systematic review. BMC Neurology, 2016, 16, 155. | 0.8 | 64 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4245 | Imaging and machine learning techniques for diagnosis of Alzheimer's disease. Reviews in the Neurosciences, 2016, 27, 857-870. | 1.4 | 102 |
| 4246 | Grey matter density decreases as well as increases in patients with classic galactosemia: A voxel-based morphometry study. Brain Research, 2016, 1648, 339-344. | 1.1 | 11 |
| 4247 | Impact of region-of-interest method on quantitative analysis of DTI data in the optic tracts. BMC Medical Imaging, 2016, 16, 42. | 1.4 | 16 |
| 4248 | Morphometricity as a measure of the neuroanatomical signature of a trait. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5749-56. | 3.3 | 53 |
| 4250 | Behavioral impulsivity mediates the relationship between decreased frontal gray matter volume and harmful alcohol drinking: A voxel-based morphometry study. Journal of Psychiatric Research, 2016, 83, 16-23. | 1.5 | 28 |
| 4251 | Volumetric, relaxometric and diffusometric correlates of psychotic experiences in a non-clinical sample of young adults. NeuroImage: Clinical, 2016, 12, 550-558. | 1.4 | 15 |
| 4253 | The cortical surface correlates of clinical manifestations in the mid-stage sporadic Parkinson's disease. Neuroscience Letters, 2016, 633, 125-133. | 1.0 | 7 |
| 4254 | Dissociable Changes of Frontal and Parietal Cortices in Inherent Functional Flexibility across the Human Life Span. Journal of Neuroscience, 2016, 36, 10060-10074. | 1.7 | 41 |
| 4255 | Your perspective and my benefit: multiple lesion models of self-other integration strategies during social bargaining. Brain, 2016, 139, 3022-3040. | 3.7 | 103 |
| 4256 | Brain parenchymal fraction in an age-stratified healthy population–Âdetermined by MRI using manual segmentation and three automated segmentation methods. Journal of Neuroradiology, 2016, 43, 384-391. | 0.6 | 18 |
| 4257 | Predictions Shape Confidence in Right Inferior Frontal Gyrus. Journal of Neuroscience, 2016, 36, 10323-10336. | 1.7 | 31 |
| 4258 | Voxel-wise grey matter asymmetry analysis in left- and right-handers. Neuroscience Letters, 2016, 633, 210-214. | 1.0 | 24 |
| 4259 | Bayesian model reveals latent atrophy factors with dissociable cognitive trajectories in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6535-E6544. | 3.3 | 137 |
| 4260 | Structural MRI-based detection of Alzheimer's disease using feature ranking and classification error. Computer Methods and Programs in Biomedicine, 2016, 137, 177-193. | 2.6 | 55 |
| 4261 | Structural and functional neural correlates of spatial navigation: a combined voxelâ€based morphometry and functional connectivity study. Brain and Behavior, 2016, 6, e00572. | 1.0 | 29 |
| 4262 | Neuroeconomics. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , . | 0.1 | 10 |
| 4263 | <i>APOE</i> Genotypes Associate With Cognitive Performance but Not Cerebral Structure: Diabetes Heart Study MIND. Diabetes Care, 2016, 39, 2225-2231. | 4.3 | 12 |
| 4264 | Patch-Based Techniques in Medical Imaging. Lecture Notes in Computer Science, 2016, , . | 1.0 | Ο |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4265 | Sex-Dependent Association of Perigenual Anterior Cingulate Cortex Volume and Migration Background, an Environmental Risk Factor for Schizophrenia. Schizophrenia Bulletin, 2017, 43, sbw138. | 2.3 | 15 |
| 4266 | Diffusion Tensor Imaging (DTI) and Tractography. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 411-442. | 0.1 | 2 |
| 4267 | Long-Term High-Effort Endurance Exercise in Older Adults: Diminishing Returns for Cognitive and Brain Aging. Journal of Aging and Physical Activity, 2016, 24, 659-675. | 0.5 | 9 |
| 4268 | Machine learning as a means toward precision diagnostics and prognostics. , 2016, , 299-334. | | 3 |
| 4269 | White matter abnormalities in patients with temporal lobe epilepsy and amygdala enlargement: Comparison with hippocampal sclerosis and healthy subjects. Epilepsy Research, 2016, 127, 221-228. | 0.8 | 11 |
| 4271 | Multimodal MRI reveals structural connectivity differences in 22q11 deletion syndrome related to impaired spatial working memory. Human Brain Mapping, 2016, 37, 4689-4705. | 1.9 | 8 |
| 4272 | Characterization of gray matter atrophy following 6-hydroxydopamine lesion of the nigrostriatal system. Neuroscience, 2016, 334, 166-179. | 1.1 | 9 |
| 4273 | Intracortical myelination in musicians with absolute pitch: Quantitative morphometry using 7â€ī MRI. Human Brain Mapping, 2016, 37, 3486-3501. | 1.9 | 33 |
| 4274 | Gray and white matter imaging: <scp>A</scp> biomarker for cognitive impairment in early <scp>P</scp> arkinson's disease?. Movement Disorders, 2016, 31, 103-110. | 2.2 | 129 |
| 4275 | MR fingerprinting with simultaneous B1 estimation. Magnetic Resonance in Medicine, 2016, 76, 1127-1135. | 1.9 | 124 |
| 4276 | Volumetric and fiber-tracing MRI methods for gray and white matter. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 135, 39-60. | 1.0 | 13 |
| 4277 | Novel Multimodal Atlas Template for Spatial Normalization of Whole-Brain Images of Newborns. Irbm, 2016, 37, 254-263. | 3.7 | 1 |
| 4278 | Brain structural changes in schizoaffective disorder compared to schizophrenia and bipolar disorder. Acta Psychiatrica Scandinavica, 2016, 133, 23-33. | 2.2 | 57 |
| 4279 | Neurobiological, Neuroimaging, and Neuropsychological Studies of Children and Adolescents with Disruptive Behavior Disorders. Family Relations, 2016, 65, 134-150. | 1.1 | 11 |
| 4280 | Using magnetic resonance imaging to assess visual deficits: a review. Ophthalmic and Physiological Optics, 2016, 36, 240-265. | 1.0 | 65 |
| 4281 | Apolipoprotein <scp>E</scp> genotype modulates effects of vitamin <scp>B₁₂</scp> and homocysteine on grey matter volume in <scp>A</scp> lzheimer's disease. Psychogeriatrics, 2016, 16, 3-11. | 0.6 | 13 |
| 4282 | Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. Human Brain Mapping, 2016, 37, 67-80. | 1.9 | 15 |
| 4283 | Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. Human Brain Mapping, 2016, 37, 1801-1815. | 1.9 | 87 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4284 | Impact of Apolipoprotein E4 Polymorphism on the Gray Matter Volume and the White Matter Integrity in Subjective Memory Impairment without White Matter Hyperintensities: Voxelâ€Based Morphometry and Tractâ€Based Spatial Statistics Study under 3â€Tesla MRI. Journal of Neuroimaging, 2016, 26, 144-149. | 1.0 | 21 |
| 4285 | Cortical thickness and VBM in young women at risk for familial depression and their depressed mothers with positive family history. Psychiatry Research - Neuroimaging, 2016, 252, 1-9. | 0.9 | 23 |
| 4286 | Grey matter abnormalities in methcathinone abusers with a Parkinsonian syndrome. Brain and Behavior, 2016, 6, e00539. | 1.0 | 9 |
| 4287 | Neural Basis of Acquired Amusia and Its Recovery after Stroke. Journal of Neuroscience, 2016, 36, 8872-8881. | 1.7 | 53 |
| 4288 | The Neuropathology of Internet Addiction. , 2016, , 962-971. | | 0 |
| 4289 | Cerebral and cerebellar greyÂmatter atrophy in Friedreich ataxia: the IMAGE-FRDA study. Journal of Neurology, 2016, 263, 2215-2223. | 1.8 | 49 |
| 4290 | The Pivotal Role of the Parieto-Occipital Lobe in Card Game-Induced Reflex Epilepsy: A Voxel-Based Morphometry Study. European Neurology, 2016, 76, 22-27. | 0.6 | 1 |
| 4291 | Nonlinear associations between human values and neuroanatomy. Social Neuroscience, 2016, 12, 1-12. | 0.7 | 8 |
| 4292 | Neural substrates of a schizotypal spectrum in typically-developing children: Further evidence of a normal-pathological continuum. Behavioural Brain Research, 2016, 315, 141-146. | 1.2 | 8 |
| 4293 | Structural Covariance Networks and Their Association with Age, Features of Cerebral Small-Vessel Disease, and Cognitive Functioning in Older Persons. Brain Connectivity, 2016, 6, 681-690. | 0.8 | 8 |
| 4294 | Cytokineâ€mediated blood brain barrier disruption as a conduit for cancer/chemotherapyâ€associated neurotoxicity and cognitive dysfunction. International Journal of Cancer, 2016, 139, 2635-2645. | 2.3 | 108 |
| 4295 | Gait and balance disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 136, 939-955. | 1.0 | 8 |
| 4296 | Co-segmentation of multiple images into multiple regions: Application to mouse brain MRI. , 2016, , . | | 3 |
| 4297 | Landmark based shape analysis for cerebellar ataxia classification and cerebellar atrophy pattern visualization. Proceedings of SPIE, 2016, 9784, . | 0.8 | 2 |
| 4298 | In Vivo Tau, Amyloid, and Gray Matter Profiles in the Aging Brain. Journal of Neuroscience, 2016, 36, 7364-7374. | 1.7 | 153 |
| 4299 | MRI gray and white matter measures in progressive supranuclear palsy and corticobasal syndrome. Journal of Neurology, 2016, 263, 2022-2031. | 1.8 | 18 |
| 4300 | Increased MRI volumetric correlation contralateral to seizure focus in temporal lobe epilepsy. Epilepsy Research, 2016, 126, 53-61. | 0.8 | 2 |
| 4301 | Forty years of structural imaging in psychosis: promises and truth. Acta Psychiatrica Scandinavica, 2016, 134, 207-224. | 2.2 | 40 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 4303 | Cortico-striato-thalamo-cortical circuit abnormalities in obsessive-compulsive disorder: A voxel-based morphometric and fMRI study of the whole brain. Behavioural Brain Research, 2016, 313, 17-22. | 1.2 | 59 |
| 4304 | Brain mechanisms of recovery from pure alexia: A single case study with multiple longitudinal scans. Neuropsychologia, 2016, 91, 36-49. | 0.7 | 25 |
| 4305 | Automatic localization of cerebral cortical malformations using fractal analysis. Physics in Medicine and Biology, 2016, 61, 6025-6040. | 1.6 | 4 |
| 4306 | Magnetisation-prepared rapid gradient-echo versus inversion recovery turbo spin-echo T1-weighted images for segmentation of deepÂgrey matter structures at 3ÂT. Clinical Radiology, 2016, 71, 1304-1308. | 0.5 | 2 |
| 4307 | Classification of brain disease from magnetic resonance images based on multi-level brain partitions. , 2016, 2016, 5933-5936. | | 4 |
| 4308 | Detection of Alzheimer's disease using advanced local binary pattern from hippocampus and whole brain of MR images. , 2016, , . | | 26 |
| 4309 | The Neurochemical and Microstructural Changes in the Brain of Systemic Lupus Erythematosus Patients: A Multimodal MRI Study. Scientific Reports, 2016, 6, 19026. | 1.6 | 26 |
| 4310 | Aberrant intra-salience network dynamic functional connectivity impairs large-scale network interactions in schizophrenia. Neuropsychologia, 2016, 93, 262-270. | 0.7 | 39 |
| 4311 | Structural MRI: Morphometry. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 399-409. | 0.1 | 8 |
| 4312 | Alterations in gray matter volume due to unilateral hearing loss. Scientific Reports, 2016, 6, 25811. | 1.6 | 33 |
| 4313 | Neuroprogression and episode recurrence in bipolar I disorder: A study of gray matter volume changes in firstâ€episode mania and association with clinical outcome. Bipolar Disorders, 2016, 18, 511-519. | 1.1 | 64 |
| 4314 | Individual Differences in Decision-Making: A Neural Trait Approach to Study Sources of Behavioral Heterogeneity. Studies in Neuroscience, Psychology and Behavioral Economics, 2016, , 191-209. | 0.1 | 6 |
| 4315 | Postoperative hormonal therapy prevents recovery of neurological damage after surgery in patients with breast cancer. Scientific Reports, 2016, 6, 34671. | 1.6 | 2 |
| 4316 | Structured Outlier Detection in Neuroimaging Studies with Minimal Convex Polytopes. Lecture Notes in Computer Science, 2016, 9900, 300-307. | 1.0 | 0 |
| 4317 | Personality Neuroscience and the Five Factor Model. , 2016, , . | | 56 |
| 4318 | The Vanderbilt Memory & Aging Project: Study Design and Baseline Cohort Overview. Journal of Alzheimer's Disease, 2016, 52, 539-559. | 1.2 | 44 |
| 4319 | Statistical feature selection and classification models for Alzheimer's disease progression assessment. , 2016, , . | | 0 |
| 4320 | An efficient PDE-Based nonlinear filter adapted to Rician noise for restoration and enhancement of magnetic resonance images. , 2016, , . | | 2 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 4321 | Age-related Differences in White Matter Integrity in Healthy Human Brain: Evidence from Structural Mri and Diffusion Tensor Imaging. Magnetic Resonance Insights, 2016, 9, MRI.S39666. | 2.5 | 43 |
| 4322 | Brain morphological alternation in chronic pain patients with neuropathic characteristics. Molecular Pain, 2016, 12, 174480691665240. | 1.0 | 13 |
| 4323 | Cortical cerebral atrophy in patients with Parkinson's disease: New opportunities for in vivo diagnostics. Human Physiology, 2016, 42, 905-909. | 0.1 | 0 |
| 4325 | Brain white matter changes associated with urological chronic pelvic pain syndrome: multisite neuroimaging from a MAPP case–control study. Pain, 2016, 157, 2782-2791. | 2.0 | 43 |
| 4326 | Brain basis of childhood speech and language disorders: are we closer to clinically meaningful MRI markers?. Current Opinion in Pediatrics, 2016, 28, 725-730. | 1.0 | 26 |
| 4327 | The effect of inflammation and its reduction on brain plasticity in multiple sclerosis: MRI evidence. Human Brain Mapping, 2016, 37, 2431-2445. | 1.9 | 29 |
| 4328 | Is the brain of complex regional pain syndrome patients truly different?. European Journal of Pain, 2016, 20, 1622-1633. | 1.4 | 29 |
| 4329 | †Language of the past' – Exploring past tense disruption during autobiographical narration in neurodegenerative disorders. Journal of Neuropsychology, 2016, 10, 295-316. | 0.6 | 19 |
| 4330 | Volumetric MRI as a Diagnostic Tool in Alzheimer's Disease. Methods in Pharmacology and Toxicology, 2016, , 181-198. | 0.1 | 3 |
| 4331 | Measuring intellectual ability in cerebral palsy: The comparison of three tests and their neuroimaging correlates. Research in Developmental Disabilities, 2016, 56, 83-98. | 1.2 | 21 |
| 4332 | Computational neuroanatomy using brain deformations: From brain parcellation to multivariate pattern analysis and machine learning. Medical Image Analysis, 2016, 33, 149-154. | 7.0 | 4 |
| 4333 | Resting-state fMRI evidence for early episodic memory consolidation: effects of age. Neurobiology of Aging, 2016, 45, 197-211. | 1.5 | 38 |
| 4334 | Epigenetic modification of <i>OXT</i> and human sociability. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3816-23. | 3.3 | 79 |
| 4335 | Fuzzy computer-aided diagnosis of Alzheimer's disease using MRI and PET statistical features. , 2016, , . | | 6 |
| 4336 | Imaging the Addicted Brain. International Review of Neurobiology, 2016, 129, 1-31. | 0.9 | 36 |
| 4337 | APOL1 renal-risk variants associate with reduced cerebral white matter lesion volume and increased gray matter volume. Kidney International, 2016, 90, 440-449. | 2.6 | 14 |
| 4338 | A fast approach for hippocampal segmentation from T1-MRI for predicting progression in Alzheimer's disease from elderly controls. Journal of Neuroscience Methods, 2016, 270, 61-75. | 1.3 | 23 |
| 4339 | Detecting Anatomical Landmarks for Fast Alzheimer's Disease Diagnosis. IEEE Transactions on Medical Imaging, 2016, 35, 2524-2533. | 5.4 | 158 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4340 | Anomalous gray matter patterns in specific reading comprehension deficit are independent of dyslexia. Annals of Dyslexia, 2016, 66, 256-274. | 1.2 | 20 |
| 4341 | Integration of Intention and Outcome for Moral Judgment in Frontotemporal Dementia: Brain Structural Signatures. Neurodegenerative Diseases, 2016, 16, 206-217. | 0.8 | 56 |
| 4342 | Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. Cerebral Cortex, 2016, 27, bhw141. | 1.6 | 50 |
| 4343 | Structural and functional neural adaptations in obstructive sleep apnea: An activation likelihood estimation meta-analysis. Neuroscience and Biobehavioral Reviews, 2016, 65, 142-156. | 2.9 | 101 |
| 4344 | Cerebellar Atrophy in Cortical Myoclonic Tremor and Not in Hereditary Essential Tremor—a Voxel-Based Morphometry Study. Cerebellum, 2016, 15, 696-704. | 1.4 | 34 |
| 4345 | Relations Between Brain Alterations and Clinical Pain Measures in Chronic Musculoskeletal Pain: A Systematic Review. Journal of Pain, 2016, 17, 949-962. | 0.7 | 91 |
| 4346 | Removing inter-subject technical variability in magnetic resonance imaging studies. NeuroImage, 2016, 132, 198-212. | 2.1 | 107 |
| 4347 | Integrative Bayesian analysis of neuroimaging-genetic data with application to cocaine dependence. NeuroImage, 2016, 125, 813-824. | 2.1 | 13 |
| 4348 | Spatial regression analysis of serial DTI for subject-specific longitudinal changes of neurodegenerative disease. NeuroImage: Clinical, 2016, 11, 291-301. | 1.4 | 4 |
| 4349 | Grey matter anomalies in drug-naÃ ⁻ ve childhood absence epilepsy: A voxel-based morphometry study with MRI at 3.0T. Epilepsy Research, 2016, 124, 63-66. | 0.8 | 9 |
| 4350 | Age effects and sex differences in human brain white matter of young to middle-aged adults: A DTI, NODDI, and q-space study. NeuroImage, 2016, 128, 180-192. | 2.1 | 154 |
| 4351 | Glial fibrillary acidic protein (GFAP) immunoreactivity correlates with cortical perfusion parameters determined by bolus tracking arterial spin labelling (bt-ASL) magnetic resonance (MR) imaging in the Wistar Kyoto rat. Physiology and Behavior, 2016, 160, 66-79. | 1.0 | 20 |
| 4352 | The effect of gender on the neuroanatomy of children with autism spectrum disorders: a support vector machine case-control study. Molecular Autism, 2016, 7, 5. | 2.6 | 75 |
| 4353 | A feasibility study exploring the role of pre-operative assessment when examining the mechanism of â€~chemo-brain' in breast cancer patients. SpringerPlus, 2016, 5, 390. | 1.2 | 24 |
| 4354 | Gray matter abnormalities associated with fibromyalgia: A meta-analysis of voxel-based morphometric studies. Seminars in Arthritis and Rheumatism, 2016, 46, 330-337. | 1.6 | 49 |
| 4355 | Imaging Pain. Anesthesiology Clinics, 2016, 34, 255-269. | 0.6 | 35 |
| 4356 | Differences in structural covariance brain networks between behavioral variant frontotemporal dementia and Alzheimer's disease. Human Brain Mapping, 2016, 37, 978-988. | 1.9 | 48 |
| 4357 | Hippocampal gray matter volume in bilateral vestibular failure. Human Brain Mapping, 2016, 37, 1998-2006. | 1.9 | 54 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4358 | Brain Volume Loss During the First Year of Interferonâ€Beta Treatment in Multiple Sclerosis: Baseline Inflammation and Regional Brain Volume Dynamics. Journal of Neuroimaging, 2016, 26, 532-538. | 1.0 | 21 |
| 4359 | Size matters to function: Brain volume correlates with intrinsic brain activity across healthy individuals. NeuroImage, 2016, 139, 271-278. | 2.1 | 35 |
| 4360 | Cluster failure: Why fMRI inferences for spatial extent have inflated false-positive rates. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7900-7905. | 3.3 | 2,809 |
| 4361 | Neuroanatomical variation in autism spectrum disorder: A comprehensive review. Clinical Anatomy, 2016, 29, 454-465. | 1.5 | 10 |
| 4362 | A Cross-Sectional Voxel-Based Morphometric Study of Age- and Sex-Related Changes in Gray Matter Volume in the Normal Aging Brain. Journal of Computer Assisted Tomography, 2016, 40, 307-315. | 0.5 | 15 |
| 4363 | Magnetic resonance imaging structural alterations in brain of alcohol abusers and its association with impulsivity. Addiction Biology, 2016, 21, 962-971. | 1.4 | 25 |
| 4364 | Brain morphology in juvenile myoclonic epilepsy and absence seizures. Acta Neurologica Scandinavica, 2016, 133, 111-118. | 1.0 | 18 |
| 4365 | Chronic pain disrupts the reward circuitry in multiple sclerosis. European Journal of Neuroscience, 2016, 44, 1928-34. | 1.2 | 26 |
| 4366 | Cerebral and blood correlates of reduced functional connectivity in mild cognitive impairment. Brain Structure and Function, 2016, 221, 631-645. | 1.2 | 16 |
| 4367 | In vivo characterization of metabotropic glutamate receptor type 5 abnormalities in behavioral variant FTD. Brain Structure and Function, 2016, 221, 1387-1402. | 1.2 | 31 |
| 4368 | Fuzzy-based hybrid filter for Rician noise removal. Signal, Image and Video Processing, 2016, 10, 215-224. | 1.7 | 20 |
| 4369 | Age-related decline in functional connectivity of the vestibular cortical network. Brain Structure and Function, 2016, 221, 1443-1463. | 1.2 | 31 |
| 4370 | Desperately seeking grey matter volume changes in sleep apnea: A methodological review of magnetic resonance brain voxel-based morphometry studies. Sleep Medicine Reviews, 2016, 25, 112-120. | 3.8 | 47 |
| 4371 | Altered Gray Matter Structural Covariance Networks in Early Stages of Alzheimer's Disease. Cerebral Cortex, 2016, 26, 2650-2662. | 1.6 | 73 |
| 4372 | Brain damage following prophylactic cranial irradiation in lung cancer survivors. Brain Imaging and Behavior, 2016, 10, 283-295. | 1.1 | 24 |
| 4373 | Multimodal connectivity mapping of the human left anterior and posterior lateral prefrontal cortex. Brain Structure and Function, 2016, 221, 2589-2605. | 1.2 | 25 |
| 4374 | The association between the brain and mind pops: a voxel-based morphometry study in 256 Chinese college students. Brain Imaging and Behavior, 2016, 10, 332-341. | 1.1 | 4 |
| 4375 | Assessment of Eating Behavior Disturbance and Associated Neural Networks in Frontotemporal Dementia. JAMA Neurology, 2016, 73, 282. | 4.5 | 74 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4376 | Structural attributes of the temporal lobe predict face recognition ability in youth. Neuropsychologia, 2016, 84, 1-6. | 0.7 | 7 |
| 4377 | Pontine and cerebral atrophy in Lennox–Gastaut syndrome. Epilepsy Research, 2016, 120, 98-103. | 0.8 | 7 |
| 4378 | Neurostructural abnormalities associated with axes of emotion dysregulation in generalized anxiety. NeuroImage: Clinical, 2016, 10, 172-181. | 1.4 | 46 |
| 4379 | Computation and visualisation of the accuracy of old maps using differential distortion analysis. International Journal of Geographical Information Science, 2016, 30, 1255-1280. | 2.2 | 11 |
| 4380 | Double inversion recovery imaging improves the evaluation of gray matter volume losses in patients with Alzheimer's disease and mild cognitive impairment. Brain Imaging and Behavior, 2016, 10, 1015-1028. | 1.1 | 6 |
| 4381 | Mal de debarquement syndrome: a systematic review. Journal of Neurology, 2016, 263, 843-854. | 1.8 | 58 |
| 4382 | Structural brain indices and executive functioning in multiple sclerosis: A review. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 261-274. | 0.8 | 13 |
| 4383 | Brain structural changes in women and men during midlife. Neuroscience Letters, 2016, 615, 107-112. | 1.0 | 15 |
| 4384 | Advances in PET Imaging of Degenerative, Cerebrovascular, and Traumatic Causes of Dementia. Seminars in Nuclear Medicine, 2016, 46, 57-87. | 2.5 | 16 |
| 4385 | Morphometry of Left Frontal and Temporal Poles Predicts Analogical Reasoning Abilities. Cerebral Cortex, 2016, 26, 915-932. | 1.6 | 42 |
| 4386 | Preservation of episodic memory in semantic dementia: The importance of regions beyond the medial temporal lobes. Neuropsychologia, 2016, 81, 50-60. | 0.7 | 56 |
| 4387 | Alzheimer's like brain changes correlate with low adiponectin plasma levels in type 2 diabetic patients. Journal of Diabetes and Its Complications, 2016, 30, 281-286. | 1.2 | 33 |
| 4388 | Diffusion Tensor Imaging and Neurobehavioral Outcome in Children With Brain Tumors Treated With Chemotherapy. Journal of Pediatric Oncology Nursing, 2016, 33, 119-128. | 1.5 | 7 |
| 4389 | Application of T2 relaxometry in lateralization and localization of mesial temporal lobe epilepsy and corresponding comparison with MR volumetry. Acta Radiologica, 2016, 57, 1107-1113. | 0.5 | 6 |
| 4390 | Feature-ranking-based Alzheimer's disease classification from structural MRI. Magnetic Resonance Imaging, 2016, 34, 252-263. | 1.0 | 98 |
| 4391 | The Neural Crossroads of Psychiatric Illness: An Emerging Target for Brain Stimulation. Trends in Cognitive Sciences, 2016, 20, 107-120. | 4.0 | 130 |
| 4392 | The average baboon brain: MRI templates and tissue probability maps from 89 individuals. NeuroImage, 2016, 132, 526-533. | 2.1 | 48 |
| 4393 | Methodological challenges and analytic opportunities for modeling and interpreting Big Healthcare Data. GigaScience, 2016, 5, 12. | 3.3 | 114 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4394 | Alterations of diffusion tensor MRI parameters in the brains of patients with Parkinson's disease compared with normal brains: possible diagnostic use. European Radiology, 2016, 26, 3978-3988. | 2.3 | 10 |
| 4395 | Neural Mechanisms and Children's Intellectual Development. Neuroscientist, 2016, 22, 618-631. | 2.6 | 10 |
| 4396 | Analysis of advanced glycation end products in the DHS Mind Study. Journal of Diabetes and Its Complications, 2016, 30, 262-268. | 1.2 | 8 |
| 4397 | Subjective Cognitive Decline: Mapping Functional and Structural Brain Changes—A Combined Resting-State Functional and Structural MR Imaging Study. Radiology, 2016, 281, 185-192. | 3.6 | 85 |
| 4398 | How do neuroanatomical changes in individuals with chronic pain result in the constant perception of pain?. Pain Management, 2016, 6, 147-159. | 0.7 | 8 |
| 4399 | Longitudinal magnetic resonance imaging study shows progressive pyramidal and callosal damage in Friedreich's ataxia. Movement Disorders, 2016, 31, 70-78. | 2.2 | 45 |
| 4400 | Pairwise Latent Semantic Association for Similarity Computation in Medical Imaging. IEEE Transactions on Biomedical Engineering, 2016, 63, 1058-1069. | 2.5 | 19 |
| 4401 | Deep Independence Network Analysis of Structural Brain Imaging: Application to Schizophrenia. IEEE Transactions on Medical Imaging, 2016, 35, 1729-1740. | 5.4 | 24 |
| 4402 | Gray matter changes related to medication overuse in patients with chronic migraine. Cephalalgia, 2016, 36, 1324-1333. | 1.8 | 101 |
| 4403 | The Role of DTI in Multiple Sclerosis and Other Demyelinating Conditions. , 2016, , 331-341. | | 2 |
| 4404 | Metacognitive impairment in active cocaine use disorder is associated with individual differences in brain structure. European Neuropsychopharmacology, 2016, 26, 653-662. | 0.3 | 37 |
| 4405 | Brain structure links everyday creativity to creative achievement. Brain and Cognition, 2016, 103, 70-76. | 0.8 | 23 |
| 4406 | Lower gray matter integrity is associated with greater lap time variation in high-functioning older adults. Experimental Gerontology, 2016, 77, 46-51. | 1.2 | 4 |
| 4407 | Apathy Is Associated With Ventral Striatum Volume in Schizophrenia Spectrum Disorder. Journal of Neuropsychiatry and Clinical Neurosciences, 2016, 28, 191-194. | 0.9 | 15 |
| 4408 | Structural brain injury in patients with disorders of consciousness: A voxel-based morphometry study. Brain Injury, 2016, 30, 343-352. | 0.6 | 36 |
| 4409 | Computer-based magnetic resonance imaging as a tool in clinical diagnosis in neurodegenerative diseases. Expert Review of Neurotherapeutics, 2016, 16, 295-306. | 1.4 | 20 |
| 4410 | Lesion filling effect in regional brain volume estimations: a study in multiple sclerosis patients with low lesion load. Neuroradiology, 2016, 58, 467-474. | 1.1 | 23 |
| 4411 | New tissue priors for improved automated classification of subcortical brain structures on MRI. NeuroImage, 2016, 130, 157-166. | 2.1 | 104 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4412 | Shared and distinct gray matter abnormalities in schizophrenia, schizophrenia relatives and bipolar disorder in association with cognitive impairment. Schizophrenia Research, 2016, 171, 140-148. | 1.1 | 30 |
| 4413 | Frontolimbic Morphometric Abnormalities in Intermittent Explosive Disorder and Aggression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 32-38. | 1.1 | 22 |
| 4414 | Statistical shape analysis using 3D Poisson equation—A quantitatively validated approach. Medical Image Analysis, 2016, 30, 72-84. | 7.0 | 5 |
| 4415 | Ageâ€Related Changes of Normal Cerebral and Cardiac Blood Flow in Children and Adults Aged 7ÂMonths to 61ÂYears. Journal of the American Heart Association, 2016, 5, . | 1.6 | 105 |
| 4416 | MRI morphometry in Alzheimer's disease. Ageing Research Reviews, 2016, 30, 17-24. | 5.0 | 122 |
| 4417 | CSF YKL-40 and pTau181 are related to different cerebral morphometric patterns in early AD. Neurobiology of Aging, 2016, 38, 47-55. | 1.5 | 54 |
| 4418 | Comparison of cerebral blood flow measurement with [¹⁵ 0]-water positron emission tomography and arterial spin labeling magnetic resonance imaging: A systematic review. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 842-861. | 2.4 | 125 |
| 4419 | What you cannot get from routine MRI of MS patient and why – The growing need for atrophy assessment and seeing beyond the plaque. Neurologia I Neurochirurgia Polska, 2016, 50, 123-130. | 0.6 | 5 |
| 4420 | Estrogen- and progesterone-mediated structural neuroplasticity in women: evidence from neuroimaging. Brain Structure and Function, 2016, 221, 3845-3867. | 1.2 | 62 |
| 4421 | Methods on Skull Stripping of MRI Head Scan Images—a Review. Journal of Digital Imaging, 2016, 29, 365-379. | 1.6 | 157 |
| 4422 | Computational analysis in epilepsy neuroimaging: A survey of features and methods. NeuroImage: Clinical, 2016, 11, 515-529. | 1.4 | 68 |
| 4423 | Multivariate Analysis of Genotype–Phenotype Association. Genetics, 2016, 202, 1345-1363. | 1.2 | 33 |
| 4424 | Addressing Confounding in Predictive Models with an Application to Neuroimaging. International Journal of Biostatistics, 2016, 12, 31-44. | 0.4 | 39 |
| 4425 | Dissociable roles of internal feelings and face recognition ability in facial expression decoding. NeuroImage, 2016, 132, 283-292. | 2.1 | 13 |
| 4426 | Impact of time-of-day on brain morphometric measures derived from T1-weighted magnetic resonance imaging. NeuroImage, 2016, 133, 41-52. | 2.1 | 95 |
| 4427 | MinR 10/20 system: Quantitative and reproducible cranial landmark setting method for MRI based on minimum initial reference points. Journal of Neuroscience Methods, 2016, 264, 86-93. | 1.3 | 19 |
| 4428 | Diagnostic techniques to detect the epileptogenic zone: Pathophysiological and presurgical analysis of epilepsy in dogs and cats. Veterinary Journal, 2016, 215, 64-75. | 0.6 | 49 |
| 4429 | Human Choice Strategy Varies with Anatomical Projections from Ventromedial Prefrontal Cortex to Medial Striatum. Journal of Neuroscience, 2016, 36, 2857-2867. | 1.7 | 35 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4430 | Structural brain correlates of defective gesture performance in schizophrenia. Cortex, 2016, 78, 125-137. | 1.1 | 36 |
| 4431 | Through Thick and Thin: a Need to Reconcile Contradictory Results on Trajectories in Human Cortical Development. Cerebral Cortex, 2017, 27, bhv301. | 1.6 | 171 |
| 4432 | Tract Orientation and Angular Dispersion Deviation Indicator (TOADDI): A framework for single-subject analysis in diffusion tensor imaging. NeuroImage, 2016, 126, 151-163. | 2.1 | 3 |
| 4433 | Relationship Induced Multi-Template Learning for Diagnosis of Alzheimer's Disease and Mild Cognitive Impairment. IEEE Transactions on Medical Imaging, 2016, 35, 1463-1474. | 5.4 | 165 |
| 4434 | Channelopathy-related <i>SCN10A</i> gene variants predict cerebellar dysfunction in multiple sclerosis. Neurology, 2016, 86, 410-417. | 1.5 | 23 |
| 4435 | Cerebral changes and cognitive impairment after an ischemic heart disease: a multimodal MRI study. Brain Imaging and Behavior, 2016, 10, 893-900. | 1.1 | 8 |
| 4436 | Discrepancy between perceived pain and cortical processing: A voxel-based morphometry and contact heat evoked potential study. Clinical Neurophysiology, 2016, 127, 762-768. | 0.7 | 17 |
| 4437 | Entorhinal volume, aerobic fitness, and recognition memory in healthy young adults: A voxel-based morphometry study. NeuroImage, 2016, 126, 229-238. | 2.1 | 52 |
| 4438 | Male brain ages faster: the age and gender dependence of subcortical volumes. Brain Imaging and Behavior, 2016, 10, 901-910. | 1.1 | 54 |
| 4439 | Structural neuroplasticity in expert pianists depends on the age of musical training onset. Neurolmage, 2016, 126, 106-119. | 2.1 | 109 |
| 4440 | Neuroanatomical correlates of attitudes toward suicide in a large healthy sample: A voxel-based morphometric analysis. Neuropsychologia, 2016, 80, 185-193. | 0.7 | 20 |
| 4441 | Corpus Callosum Pathology as a Potential Surrogate Marker of Cognitive Impairment in Diffuse Axonal Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2016, 28, 97-103. | 0.9 | 16 |
| 4442 | The neuroanatomy of bilingualism: how to turn a hazy view into the full picture. Language, Cognition and Neuroscience, 2016, 31, 303-327. | 0.7 | 101 |
| 4443 | Individual feature maps: a patient-specific analysis tool with applications in temporal lobe epilepsy. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 53-71. | 1.7 | 1 |
| 4444 | Identification of progressive mild cognitive impairment patients using incomplete longitudinal MRI scans. Brain Structure and Function, 2016, 221, 3979-3995. | 1.2 | 33 |
| 4445 | Orbitofrontal and limbic signatures of empathic concern and intentional harm in the behavioral variant frontotemporal dementia. Cortex, 2016, 75, 20-32. | 1.1 | 73 |
| 4446 | Neuroplasticity and MRI: A perfect match. NeuroImage, 2016, 131, 13-28. | 2.1 | 35 |
| 4447 | Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. Brain Structure and Function, 2016, 221, 3157-3170. | 1.2 | 33 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4448 | Cortical brain atrophy and intra-individual variability in neuropsychological test performance in HIV disease. Brain Imaging and Behavior, 2016, 10, 640-651. | 1.1 | 34 |
| 4449 | Advanced MRI techniques to improve our understanding of experience-induced neuroplasticity. NeuroImage, 2016, 131, 55-72. | 2.1 | 99 |
| 4450 | Temporal lobe connects regression and macrocephaly to autism spectrum disorders. European Child and Adolescent Psychiatry, 2016, 25, 421-429. | 2.8 | 18 |
| 4451 | Neural networks of tinnitus in humans: Elucidating severity and habituation. Hearing Research, 2016, 334, 37-48. | 0.9 | 104 |
| 4452 | STEAM — Statistical Template Estimation for Abnormality Mapping: A personalized DTI analysis technique with applications to the screening of preterm infants. NeuroImage, 2016, 125, 705-723. | 2.1 | 7 |
| 4453 | Right hemisphere grey matter structure and language outcomes in chronic left hemisphere stroke. Brain, 2016, 139, 227-241. | 3.7 | 92 |
| 4454 | Atypical Sulcal Pattern in Children with Developmental Dyslexia and At-Risk Kindergarteners. Cerebral Cortex, 2016, 26, 1138-1148. | 1.6 | 84 |
| 4455 | Assessment of Silent T1-weighted head imaging at 7ÂT. European Radiology, 2016, 26, 1879-1888. | 2.3 | 21 |
| 4456 | Fair play: social norm compliance failures in behavioural variant frontotemporal dementia. Brain, 2016, 139, 204-216. | 3.7 | 64 |
| 4457 | Specific cerebellar and cortical degeneration correlates with ataxia severity in spinocerebellar ataxia type 7. Brain Imaging and Behavior, 2016, 10, 252-257. | 1.1 | 28 |
| 4458 | Chronic Back Pain Is Associated With Decreased Prefrontal and Anterior Insular Gray Matter: Results From a Population-Based Cohort Study. Journal of Pain, 2016, 17, 111-118. | 0.7 | 109 |
| 4459 | The reliability of continuous brain responses during naturalistic listening to music. NeuroImage, 2016, 124, 224-231. | 2.1 | 51 |
| 4460 | Brain MR Image Denoising for Rician Noise Using Intrinsic Geometrical Information. Lecture Notes in Electrical Engineering, 2016, , 275-284. | 0.3 | 2 |
| 4461 | Ensemble Tree Learning Techniques for Magnetic Resonance Image Analysis. Smart Innovation, Systems and Technologies, 2016, , 395-404. | 0.5 | 4 |
| 4462 | Are morphological changes necessary to mediate the therapeutic effects of electroconvulsive therapy?. European Archives of Psychiatry and Clinical Neuroscience, 2016, 266, 261-267. | 1.8 | 30 |
| 4463 | CHIMERA: Clustering of Heterogeneous Disease Effects via Distribution Matching of Imaging Patterns. IEEE Transactions on Medical Imaging, 2016, 35, 612-621. | 5.4 | 53 |
| 4464 | Entorhinal cortex: a good biomarker of mild cognitive impairment and mild Alzheimer's disease. Reviews in the Neurosciences, 2016, 27, 185-195. | 1.4 | 66 |
| 4465 | Altered functional connectivity density in major depressive disorder at rest. European Archives of Psychiatry and Clinical Neuroscience, 2016, 266, 239-248. | 1.8 | 50 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4466 | Analysis of correlation between white matter changes and functional responses in thalamic stroke: a DTI & EEG study. Brain Imaging and Behavior, 2016, 10, 424-436. | 1.1 | 13 |
| 4467 | Quantitative Evaluation of Intensity Inhomogeneity Correction Methods for Structural MR Brain Images. Neuroinformatics, 2016, 14, 5-21. | 1.5 | 30 |
| 4468 | Finding the Elusive Psychiatric "Lesion―With 21st-Century Neuroanatomy: A Note of Caution. American Journal of Psychiatry, 2016, 173, 27-33. | 4.0 | 156 |
| 4469 | Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. European Child and Adolescent Psychiatry, 2016, 25, 529-538. | 2.8 | 30 |
| 4470 | Significant grey matter changes in a region of the orbitofrontal cortex in healthy participants predicts emotional dysregulation. Social Cognitive and Affective Neuroscience, 2016, 11, 1041-1049. | 1.5 | 31 |
| 4471 | Fast, Exact Bootstrap Principal Component Analysis for <i>p</i> > 1 Million. Journal of the American Statistical Association, 2016, 111, 846-860. | 1.8 | 19 |
| 4472 | What is special about expertise? Visual expertise reveals the interactive nature of real-world object recognition. Neuropsychologia, 2016, 83, 88-99. | 0.7 | 43 |
| 4473 | Neuroanatomical Evidence in Support of the Bilingual Advantage Theory. Cerebral Cortex, 2016, 26, 3196-3204. | 1.6 | 58 |
| 4474 | Brains of verbal memory specialists show anatomical differences in language, memory and visual systems. NeuroImage, 2016, 131, 181-192. | 2.1 | 30 |
| 4475 | <i>ZNF804A</i> variants confer risk for heroin addiction and affect decision making and gray matter volume in heroin abusers. Addiction Biology, 2016, 21, 657-666. | 1.4 | 21 |
| 4476 | Increased interictal visual network connectivity in patients with migraine with aura. Cephalalgia, 2016, 36, 139-147. | 1.8 | 106 |
| 4477 | Examining brain structures associated with the motive to achieve success and the motive to avoid failure: A voxel-based morphometry study. Social Neuroscience, 2016, 11, 38-48. | 0.7 | 8 |
| 4478 | A database of age-appropriate average MRI templates. NeuroImage, 2016, 124, 1254-1259. | 2.1 | 200 |
| 4479 | Machine learning of structural magnetic resonance imaging predicts psychopathic traits in adolescent offenders. Neurolmage, 2017, 145, 265-273. | 2.1 | 30 |
| 4480 | Occipital cortical gyrification reductions associate with decreased functional connectivity in amyotrophic lateral sclerosis. Brain Imaging and Behavior, 2017, 11, 1-7. | 1.1 | 29 |
| 4481 | Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. Biological Psychiatry, 2017, 82, 275-282. | 0.7 | 54 |
| 4482 | Sustained enhancements in inhibitory control depend primarily on the reinforcement of fronto-basal anatomical connectivity. Brain Structure and Function, 2017, 222, 635-643. | 1.2 | 17 |
| 4483 | Altered modular organization of intrinsic brain functional networks in patients with Parkinson's disease. Brain Imaging and Behavior, 2017, 11, 430-443. | 1.1 | 27 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4484 | Ethnic differences in COMT genetic effects on striatal grey matter alterations associated with childhood ADHD: A voxel-based morphometry study in a Japanese sample. World Journal of Biological Psychiatry, 2017, 18, 322-328. | 1.3 | 16 |
| 4485 | Nondermatomal somatosensory deficits in chronic pain are associated with cerebral grey matter changes. World Journal of Biological Psychiatry, 2017, 18, 227-238. | 1.3 | 9 |
| 4486 | Brainâ€volume changes in young and middleâ€aged smokers: a <scp>DARTEL</scp> â€based voxelâ€based morphometry study. Clinical Respiratory Journal, 2017, 11, 621-631. | 0.6 | 19 |
| 4487 | A History of Psychosis in Bipolar Disorder is Associated With Gray Matter Volume Reduction. Schizophrenia Bulletin, 2017, 43, 99-107. | 2.3 | 20 |
| 4488 | HYDRA: Revealing heterogeneity of imaging and genetic patterns through a multiple max-margin discriminative analysis framework. NeuroImage, 2017, 145, 346-364. | 2.1 | 125 |
| 4489 | Structural graph-based morphometry: A multiscale searchlight framework based on sulcal pits. Medical Image Analysis, 2017, 35, 32-45. | 7.0 | 13 |
| 4490 | Cortical grey matter content is associated with both age and bimanual performance, but is not observed to mediate age-related behavioural decline. Brain Structure and Function, 2017, 222, 437-448. | 1.2 | 9 |
| 4491 | Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. Molecular Psychiatry, 2017, 22, 900-909. | 4.1 | 852 |
| 4492 | Adverse effects of metallic artifacts on voxel-wise analysis and tract-based spatial statistics in diffusion tensor imaging. Acta Radiologica, 2017, 58, 211-217. | 0.5 | 1 |
| 4493 | Functional interictal changes of pain processing in migraine with ictal cutaneous allodynia. Cephalalgia, 2017, 37, 305-314. | 1.8 | 45 |
| 4494 | A prospective microstructure imaging study in mixed-martial artists using geometric measures and diffusion tensor imaging: methods and findings. Brain Imaging and Behavior, 2017, 11, 698-711. | 1.1 | 33 |
| 4495 | A seed-based cross-modal comparison of brain connectivity measures. Brain Structure and Function, 2017, 222, 1131-1151. | 1.2 | 24 |
| 4496 | Exosomal biomarkers of brain insulin resistance associated with regional atrophy in Alzheimer's disease. Human Brain Mapping, 2017, 38, 1933-1940. | 1.9 | 96 |
| 4497 | Recognizing the Neurodegenerative Patterns. Springer Theses, 2017, , 71-94. | 0.0 | 0 |
| 4498 | Predicting brain metastases for non-small cell lung cancer based on magnetic resonance imaging. Clinical and Experimental Metastasis, 2017, 34, 115-124. | 1.7 | 5 |
| 4499 | Improving structural brain images acquired with the 3D FLASH sequence. Magnetic Resonance Imaging, 2017, 38, 224-232. | 1.0 | 1 |
| 4500 | Development, validation and application of a new fornix template for studies of aging and preclinical Alzheimer's disease. Neurolmage: Clinical, 2017, 13, 106-115. | 1.4 | 48 |
| 4501 | Towards a Holistic Cortical Thickness Descriptor: Heat Kernel-Based Grey Matter Morphology Signatures. Neurolmage, 2017, 147, 360-380. | 2.1 | 11 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4502 | Association between Aβ and tau accumulations and their influence on clinical features in aging and Alzheimer's disease spectrum brains: A [¹¹ C]PBB3â€PET study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 11-20. | 1.2 | 66 |
| 4503 | Group-focused morality is associated with limited conflict detection and resolution capacity: Neuroanatomical evidence. Biological Psychology, 2017, 123, 235-240. | 1.1 | 12 |
| 4504 | Perceptual similarity and the neural correlates of geometrical illusions in human brain structure. Scientific Reports, 2017, 7, 39968. | 1.6 | 26 |
| 4505 | Lesion-symptom mapping in the study of spoken language understanding. Language, Cognition and Neuroscience, 2017, 32, 891-899. | 0.7 | 32 |
| 4506 | Structural changes in functionally illiterate adults after intensive training. Neuroscience, 2017, 344, 229-242. | 1.1 | 18 |
| 4507 | Measuring neuroplasticity associated with cerebral palsy rehabilitation: An MRI based power analysis. International Journal of Developmental Neuroscience, 2017, 58, 17-25. | 0.7 | 25 |
| 4508 | Brain structural and functional dissociated patterns in schizophrenia. BMC Psychiatry, 2017, 17, 45. | 1.1 | 33 |
| 4509 | Multimodal Neuroimaging Computing for the Characterization of Neurodegenerative Disorders. Springer Theses, 2017, , . | 0.0 | 0 |
| 4510 | Surfaceâ€based vertexwise analysis of morphometry and microstructural integrity for white matter tracts in diffusion tensor imaging: With application to the corpus callosum in Alzheimer's disease. Human Brain Mapping, 2017, 38, 1875-1893. | 1.9 | 13 |
| 4511 | Reduced relative volume in motor and attention regions in developmental coordination disorder: A voxelâ€based morphometry study. International Journal of Developmental Neuroscience, 2017, 58, 59-64. | 0.7 | 25 |
| 4512 | Brain Atrophy in Multiple Sclerosis. Neuroimaging Clinics of North America, 2017, 27, 289-300. | 0.5 | 64 |
| 4513 | Sleep habits, academic performance, and the adolescent brain structure. Scientific Reports, 2017, 7, 41678. | 1.6 | 77 |
| 4514 | Spatiotemporal microstructural white matter changes in diffusion tensor imaging after transient focal ischemic stroke in rats. NMR in Biomedicine, 2017, 30, e3704. | 1.6 | 17 |
| 4515 | Studying neuroanatomy using MRI. Nature Neuroscience, 2017, 20, 314-326. | 7.1 | 220 |
| 4516 | Predicting primary progressive aphasias with support vector machine approaches in structural MRI data. NeuroImage: Clinical, 2017, 14, 334-343. | 1.4 | 42 |
| 4517 | Outcome Measures in Clinical Trials for Multiple Sclerosis. CNS Drugs, 2017, 31, 217-236. | 2.7 | 143 |
| 4518 | Decreased hippocampal translocator protein (18 kDa) expression in alcohol dependence: a [11C]PBR28 PET study. Translational Psychiatry, 2017, 7, e996-e996. | 2.4 | 56 |
| 4519 | Mnemonic Training Reshapes Brain Networks to Support Superior Memory. Neuron, 2017, 93, 1227-1235.e6. | 3.8 | 140 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4520 | Multimodal FLAIR/MPRAGE segmentation of cerebral cortex and cortical myelin. NeuroImage, 2017, 152, 130-141. | 2.1 | 21 |
| 4521 | Automated segmentation of MR imaging to determine normative central nervous system cerebrospinal fluid volumes in healthy volunteers. Clinical Imaging, 2017, 43, 132-135. | 0.8 | 31 |
| 4522 | Genetic effect of interleukin-1 beta (C-511T) polymorphism on the structural covariance network and white matter integrity in Alzheimer's disease. Journal of Neuroinflammation, 2017, 14, 12. | 3.1 | 14 |
| 4523 | Volume gain of periaqueductal gray in medication-overuse headache. Journal of Headache and Pain, 2017, 18, 12. | 2.5 | 16 |
| 4524 | Track-weighted imaging methods: extracting information from a streamlines tractogram. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2017, 30, 317-335. | 1.1 | 46 |
| 4525 | Identifying the presence of Parkinson's disease using low-frequency fluctuations in BOLD signals. Neuroscience Letters, 2017, 645, 1-6. | 1.0 | 59 |
| 4526 | How does the body representation system develop in the human brain?. Developmental Cognitive Neuroscience, 2017, 24, 118-128. | 1.9 | 25 |
| 4527 | Analysis of longitudinal diffusion-weighted images in healthy and pathological aging: An ADNI study. Journal of Neuroscience Methods, 2017, 278, 101-115. | 1.3 | 10 |
| 4528 | Anatomical brain difference of subthreshold depression in young and middle-aged individuals. NeuroImage: Clinical, 2017, 14, 546-551. | 1.4 | 27 |
| 4529 | Predicting behavioral variant frontotemporal dementia with pattern classification in multi-center structural MRI data. NeuroImage: Clinical, 2017, 14, 656-662. | 1.4 | 64 |
| 4530 | Longitudinal evaluation of cerebral and spinal cord damage in Amyotrophic Lateral Sclerosis. NeuroImage: Clinical, 2017, 14, 269-276. | 1.4 | 45 |
| 4531 | Texture features of periaqueductal gray in the patients with medication-overuse headache. Journal of Headache and Pain, 2017, 18, 14. | 2.5 | 14 |
| 4532 | Research in Computational Molecular Biology. Lecture Notes in Computer Science, 2017, 10229, 389-390. | 1.0 | 1 |
| 4533 | The VEGF gene polymorphism impacts brain volume and arterial blood volume. Human Brain Mapping, 2017, 38, 3516-3526. | 1.9 | 13 |
| 4534 | Impulsive-antisocial psychopathic traits linked to increased volume and functional connectivity within prefrontal cortex. Social Cognitive and Affective Neuroscience, 2017, 12, 1169-1178. | 1.5 | 48 |
| 4535 | Comprehension of concrete and abstract words in semantic variant primary progressive aphasia and Alzheimer's disease: A behavioral and neuroimaging study. Brain and Language, 2017, 170, 93-102. | 0.8 | 26 |
| 4536 | Singleâ€subject independent component analysisâ€based intensity normalization in nonâ€quantitative multiâ€modal structural MRI. Human Brain Mapping, 2017, 38, 3615-3622. | 1.9 | 1 |
| 4537 | Brain structure, function, and neurochemistry in schizophrenia and bipolar disorder—a systematic review of the magnetic resonance neuroimaging literature. NPJ Schizophrenia, 2017, 3, 15. | 2.0 | 164 |

| # 4538 | ARTICLE A review on neuroimaging-based classification studies and associated feature extraction methods for Alzheimer's disease and its prodromal stages. NeuroImage, 2017, 155, 530-548. | IF 2.1 | CITATIONS |
|-----------|---|-----------|-----------|
| 4539 | Structural Brain Imaging in People With Low Back Pain. Spine, 2017, 42, 726-732. | 1.0 | 9 |
| 4540 | An evaluation of language in brain tumor patients using a new cognitively motivated testing protocol Neuropsychology, 2017, 31, 648-665. | 1.0 | 11 |
| 4541 | Cognitive and neuroimaging changes in healthy immigrants upon relocation to a high altitude: A panel study. Human Brain Mapping, 2017, 38, 3865-3877. | 1.9 | 39 |
| 4542 | Gray Matter Abnormalities in Idiopathic <scp>P</scp> arkinson's Disease: Evaluation by Diffusional Kurtosis Imaging and Neurite Orientation Dispersion and Density Imaging. Human Brain Mapping, 2017, 38, 3704-3722. | 1.9 | 78 |
| 4543 | An algorithm for automatic parameter adjustment for brain extraction in BrainSuite. , 2017, , . | | 0 |
| 4544 | Population differences in brain morphology: Need for population specific brain template. Psychiatry Research - Neuroimaging, 2017, 265, 1-8. | 0.9 | 34 |
| 4545 | Tackling variability: A multicenter study to provide a goldâ€standard network approach for frontotemporal dementia. Human Brain Mapping, 2017, 38, 3804-3822. | 1.9 | 48 |
| 4546 | Cognitive performance is associated with gray matter decline in first-episode psychosis. Psychiatry Research - Neuroimaging, 2017, 264, 46-51. | 0.9 | 20 |
| 4547 | 15q11.2 CNV affects cognitive, structural and functional correlates of dyslexia and dyscalculia. Translational Psychiatry, 2017, 7, e1109-e1109. | 2.4 | 67 |
| 4548 | Voxelâ€based morphometry metaâ€analysis of gray and white matter finds significant areas of differences in bipolar patients from healthy controls. Bipolar Disorders, 2017, 19, 74-83. | 1.1 | 68 |
| 4549 | Investigation of altered microstructure in patients with drug refractory epilepsy using diffusion tensor imaging. Neuroradiology, 2017, 59, 597-608. | 1.1 | 7 |
| 4550 | Structural brain abnormalities in patients with vestibular migraine. Journal of Neurology, 2017, 264, 295-303. | 1.8 | 42 |
| 4551 | Distinct Cerebellar Contributions to Cognitive-Perceptual Dynamics During Natural Viewing. Cerebral Cortex, 2017, 27, 5652-5662. | 1.6 | 36 |
| 4552 | Impairments in Walking Ability, Dexterity, and Cognitive Function in Multiple Sclerosis Are Associated with Different Regional Cerebellar Gray Matter Loss. Cerebellum, 2017, 16, 945-950. | 1.4 | 16 |
| 4553 | Influence of parental care on offspring hippocampal volume in young adults varies as a function of overprotection. Scientific Reports, 2017, 7, 46429. | 1.6 | 9 |
| 4554 | Evaluation of five diffeomorphic image registration algorithms for mouse brain magnetic resonance microscopy. Journal of Microscopy, 2017, 268, 141-154. | 0.8 | 4 |
| 4555 | Neuroimaging of Chronic Pain. , 2017, , 171-214. | | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4556 | Structural Covariance Networks in Children with Autism or ADHD. Cerebral Cortex, 2017, 27, 4267-4276. | 1.6 | 87 |
| 4557 | How bilingualism protects the brain from aging: Insights from bimodal bilinguals. Human Brain Mapping, 2017, 38, 4109-4124. | 1.9 | 33 |
| 4558 | Amyloid- and FDG-PET in sporadic Creutzfeldt-Jakob disease: Correlation with pathological prion protein in neuropathology. Prion, 2017, 11, 205-213. | 0.9 | 16 |
| 4559 | Structural covariance networks across the life span, from 6 to 94 years of age. Network Neuroscience, 2017, 1, 302-323. | 1.4 | 63 |
| 4560 | Comparison of two different analysis approaches for DTI free-water corrected and uncorrected maps in the study of white matter microstructural integrity in individuals with depression. Human Brain Mapping, 2017, 38, 4690-4702. | 1.9 | 30 |
| 4561 | A tissue-based biomarker model for predicting disease patterns. Knowledge-Based Systems, 2017, 131, 160-169. | 4.0 | 5 |
| 4562 | Auditory Target and Novelty Processing in Patients with Unilateral Hippocampal Sclerosis: A Current-Source Density Study. Scientific Reports, 2017, 7, 1612. | 1.6 | 7 |
| 4563 | Admission Brain Cortical Volume. Stroke, 2017, 48, 2113-2120. | 1.0 | 6 |
| 4564 | Unsatisfied relatedness, not competence or autonomy, increases trait anger through the right amygdala. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 932-938. | 1.0 | 8 |
| 4565 | Gray Matter Abnormalities Associated With Chronic Back Pain. Clinical Journal of Pain, 2017, 33, 983-990. | 0.8 | 45 |
| 4566 | Unraveling the Role of the Hippocampus in Reversal Learning. Journal of Neuroscience, 2017, 37, 6686-6697. | 1.7 | 50 |
| 4567 | Plasma Tau Association with Brain Atrophy in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2017, 58, 1245-1254. | 1.2 | 54 |
| 4568 | 3D CMRO2 mapping in human brain with direct 17O MRI: Comparison of conventional and proton-constrained reconstructions. NeuroImage, 2017, 155, 612-624. | 2.1 | 17 |
| 4569 | Brain Structural Networks Associated with Intelligence and Visuomotor Ability. Scientific Reports, 2017, 7, 2177. | 1.6 | 42 |
| 4570 | Strategyâ€based reasoning training modulates cortical thickness and restingâ€state functional connectivity in adults with chronic traumatic brain injury. Brain and Behavior, 2017, 7, e00687. | 1.0 | 35 |
| 4571 | When Habits Are Dangerous: Alcohol Expectancies and Habitual Decision Making Predict Relapse in Alcohol Dependence. Biological Psychiatry, 2017, 82, 847-856. | 0.7 | 133 |
| 4572 | Challenges in measuring individual differences in functional connectivity using fMRI: The case of healthy aging. Human Brain Mapping, 2017, 38, 4125-4156. | 1.9 | 158 |
| 4573 | Long-term attention deficits combined with subcortical and cortical structural central nervous system alterations in young adults born small for gestational age. Early Human Development, 2017, 110, 44-49. | 0.8 | 9 |

| C | | ION | D - | | |
|----------|-----|--------------|------------|--------|------|
| | | $(\cap N)$ | _ IZ F | · D() | 121 |
| \sim | 171 | | 1.01 | - 0 | IX I |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4574 | White-matter integrity on DTI and the pathologic staging of Alzheimer's disease. Neurobiology of Aging, 2017, 56, 172-179. | 1.5 | 158 |
| 4575 | Depressive Symptoms are Associated with Progression to Dementia in Patients with Amyloid-Positive Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2017, 58, 1255-1264. | 1.2 | 31 |
| 4576 | Assessing the "social brain―in dementia: Applying TASIT-S. Cortex, 2017, 93, 166-177. | 1.1 | 46 |
| 4577 | Cerebral magnetic resonance changes associated with fibromyalgia syndrome. Medicina ClÃnica (English Edition), 2017, 148, 511-516. | 0.1 | 8 |
| 4578 | Distinct Roles of Dopamine Receptors in the Lateral Thalamus in a Rat Model of Decisional Impulsivity. Neuroscience Bulletin, 2017, 33, 413-422. | 1.5 | 9 |
| 4579 | Neurobiological correlates of impulsivity in healthy adults: Lower prefrontal gray matter volume and spontaneous eye-blink rate but greater resting-state functional connectivity in basal ganglia-thalamo-cortical circuitry. NeuroImage, 2017, 157, 288-296. | 2.1 | 38 |
| 4580 | Computational Anatomy Based on Whole Body Imaging. , 2017, , . | | 9 |
| 4581 | Sex differences in the interacting roles of impulsivity and positive alcohol expectancy in problem drinking: A structural brain imaging study. NeuroImage: Clinical, 2017, 14, 750-759. | 1.4 | 38 |
| 4582 | Dysexecutive Symptoms in Primary Progressive Aphasia: Beyond Diagnostic Criteria. Journal of Geriatric Psychiatry and Neurology, 2017, 30, 151-161. | 1.2 | 50 |
| 4583 | Olfactory brain gray matter volume reduction in patients with chronic rhinosinusitis. International Forum of Allergy and Rhinology, 2017, 7, 551-556. | 1.5 | 40 |
| 4584 | Magnetic resonance imaging for the diagnosis of Parkinson's disease. Journal of Neural Transmission, 2017, 124, 915-964. | 1.4 | 178 |
| 4585 | Embodied emotion impairment in Huntington's Disease. Cortex, 2017, 92, 44-56. | 1.1 | 28 |
| 4586 | Voxel-based analysis of diffusion tensor imaging in patients with mesial temporal lobe epilepsy. Epilepsy Research, 2017, 132, 100-108. | 0.8 | 9 |
| 4587 | Serotonin and neuroplasticity – Links between molecular, functional and structural pathophysiology in depression. Neuroscience and Biobehavioral Reviews, 2017, 77, 317-326. | 2.9 | 296 |
| 4588 | Elucidating the aberrant brain regions in bipolar disorder using T1-weighted/T2-weighted magnetic resonance ratio images. Psychiatry Research - Neuroimaging, 2017, 263, 76-84. | 0.9 | 18 |
| 4589 | Brain anatomy alterations associated with Social Networking Site (SNS) addiction. Scientific Reports, 2017, 7, 45064. | 1.6 | 96 |
| 4590 | Cognitive Efficiency in Alzheimer's Disease is Associated with Increased Occipital Connectivity. Journal of Alzheimer's Disease, 2017, 57, 541-556. | 1.2 | 15 |
| 4591 | Association Between Nonparenting Adult's Attachment Patterns and Brain Structure and Function. SAGE Open Nursing, 2017, 3, 237796081668557. | 0.5 | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4592 | Brain Volume Correlates With Duration of Abstinence From Substance Abuse in a Region-Specific and Substance-Specific Manner. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 626-635. | 1.1 | 9 |
| 4593 | Robust cardiac motion estimation using ultrafast ultrasound data: a low-rank topology-preserving approach. Physics in Medicine and Biology, 2017, 62, 4831-4851. | 1.6 | 4 |
| 4594 | Spinal cord grey matter segmentation challenge. NeuroImage, 2017, 152, 312-329. | 2.1 | 97 |
| 4595 | Progressive iron accumulation across multiple sclerosis phenotypes revealed by sparse classification of deep gray matter. Journal of Magnetic Resonance Imaging, 2017, 46, 1464-1473. | 1.9 | 26 |
| 4596 | Quantification of oxygen metabolic rates in Human brain with dynamic ¹⁷ 0 MRI: Profile likelihood analysis. Magnetic Resonance in Medicine, 2017, 78, 1157-1167. | 1.9 | 19 |
| 4597 | Reduced Regional Grey Matter Volumes in Pediatric Obstructive Sleep Apnea. Scientific Reports, 2017, 7, 44566. | 1.6 | 66 |
| 4598 | Anatomical segmentation of the human medial prefrontal cortex. Journal of Comparative Neurology, 2017, 525, 2376-2393. | 0.9 | 10 |
| 4599 | Automated diagnosis of Alzheimer's disease with multi-atlas based whole brain segmentations. , 2017, , | | 5 |
| 4600 | The obese brain as a heritable phenotype: a combined morphometry and twin study. International Journal of Obesity, 2017, 41, 458-466. | 1.6 | 23 |
| 4601 | The neural correlates and clinical characteristics of psychosis in the frontotemporal dementia continuum and the C9orf72 expansion. NeuroImage: Clinical, 2017, 13, 439-445. | 1.4 | 60 |
| 4602 | The developmental relationship between specific cognitive domains and grey matter in the cerebellum. Developmental Cognitive Neuroscience, 2017, 24, 1-11. | 1.9 | 66 |
| 4603 | Advanced structural neuroimaging in progressive supranuclear palsy: Where do we stand?. Parkinsonism and Related Disorders, 2017, 36, 19-32. | 1.1 | 18 |
| 4604 | Severity of alcohol dependence is negatively related to hypothalamic and prefrontal cortical gray matter density in heavy drinking smokers. American Journal of Drug and Alcohol Abuse, 2017, 43, 281-290. | 1.1 | 6 |
| 4605 | Cholinergic depletion and basal forebrain volume in primary progressive aphasia. NeuroImage: Clinical, 2017, 13, 271-279. | 1.4 | 22 |
| 4606 | Regional volumetric change in Parkinson's disease with cognitive decline. Journal of the Neurological Sciences, 2017, 373, 88-94. | 0.3 | 24 |
| 4607 | Altered structural and functional thalamocortical networks in secondarily generalized extratemporal lobe seizures. NeuroImage: Clinical, 2017, 13, 55-61. | 1.4 | 21 |
| 4608 | White matter volumes in youth offspring of bipolar parents. Journal of Affective Disorders, 2017, 209, 246-253. | 2.0 | 22 |
| 4609 | Neural alterations in ADHD children as indicated by voxel-based cortical thickness and morphometry analysis. Brain and Development, 2017, 39, 403-410. | 0.6 | 35 |

ARTICLE IF CITATIONS PETPVE12: an SPM toolbox for Partial Volume Effects correction in brain PET – Application to amyloid 4610 2.1 134 imaging with AV45-PET. NeuroImage, 2017, 147, 669-677. Group comparison of cortical fiber connectivity map: An application between post-stroke patients and 1.1 healthy subjects. Neuroscience, 2017, 344, 15-24. Using personality neuroscience to study personality disorder.. Personality Disorders: Theory, 4612 1.0 66 Research, and Treatment, 2017, 8, 2-13. Histological Underpinnings of Grey Matter Changes in Fibromyalgia Investigated Using Multimodal Brain Imaging. Journal of Neuroscience, 2017, 37, 1090-1101. Neuroanatomical correlates of prion disease progression - a 3T longitudinal voxel-based 4614 1.4 8 morphometry study. NeuroImage: Clinical, 2017, 13, 89-96. Differential diagnosis of mild cognitive impairment and Alzheimer's disease using structural MRI cortical thickness, hippocampal shape, hippocampal texture, and volumetry. NeuroImage: Clinical, 2017, 1.4 134 13, 470-482. Pregnancy leads to long-lasting changes in human brain structure. Nature Neuroscience, 2017, 20, 4616 7.1 456 287-296. Lower Magnetization Transfer Ratio in the Forceps Minor Is Associated with Poorer Gait Velocity in 4617 1.2 9 Older Adults. American Journal of Neuroradiology, 2017, 38, 500-506. Imaging the neuroplastic effects of ketamine with VBM and the necessity of placebo control. 4618 2.1 22 NeuroImage, 2017, 147, 198-203. Naming unique entities in the semantic variant of primary progressive aphasia and Alzheimer's disease: Towards a better understanding of the semantic impairment. Neuropsychologia, 2017, 95, 11-20. Brain gray matter changes in type 2 diabetes mellitus: A meta-analysis of whole-brain voxel-based 4620 1.2 40 morphometry study. Journal of Diabetes and Its Complications, 2017, 31, 1698-1703. Volumetric grey matter alterations in adolescents and adults born very preterm suggest accelerated 2.1 brain maturation. Neurolmage, 2017, 163, 379-389. White matter and schizophrenia: A meta-analysis of voxel-based morphometry and diffusion tensor 4622 0.9 61 imaging studies. Psychiatry Research - Neuroimaging, 2017, 270, 8-21. Structural characteristics of the brain reward circuit regions in patients with bipolar I disorder: A voxel-based morphometric study. Psychiatry Research - Neuroimaging, 2017, 269, 82-89. Ethical and Legal Implications of the Methodological Crisis in Neuroimaging. Cambridge Quarterly of 4624 38 0.5Healthcare Ethics, 2017, 26, 530-554. Mis-segmentation in voxel-based morphometry due to a signal intensity change in the putamen. Radiological Physics and Technology, 2017, 10, 515-524. Brain atrophy in the visual cortex and thalamus induced by severe stress in animal model. Scientific 4626 1.6 33 Reports, 2017, 7, 12731. The Reduction of Ventrolateral Prefrontal Cortex Gray Matter Volume Correlates with Loss of Economic Rationality in Aging. Journal of Neuroscience, 2017, 37, 12068-12077.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4628 | Efficacy of navigation may be influenced by retrosplenial cortex-mediated learning of landmark stability. Neuropsychologia, 2017, 104, 102-112. | 0.7 | 23 |
| 4629 | Volumetric brain changes in migraineurs from the general population. Neurology, 2017, 89, 2066-2074. | 1.5 | 44 |
| 4630 | An Unbiased Penalty for Sparse Classification with Application to Neuroimaging Data. Lecture Notes in Computer Science, 2017, , 55-63. | 1.0 | 1 |
| 4631 | Assessing the clinical outcome of Vim radiosurgery with voxel-based morphometry: visual areas are linked with tremor arrest!. Acta Neurochirurgica, 2017, 159, 2139-2144. | 0.9 | 40 |
| 4632 | Influence of preeclampsia and late-life hypertension on MRI measures of cortical atrophy. Journal of Hypertension, 2017, 35, 2479-2485. | 0.3 | 19 |
| 4633 | Tai Chi Chuan and Baduanjin Increase Grey Matter Volume in Older Adults: A Brain Imaging Study. Journal of Alzheimer's Disease, 2017, 60, 389-400. | 1.2 | 96 |
| 4634 | Decreased N-Acetyl Aspartate/Myo-Inositol Ratio in the Posterior Cingulate Cortex Shown by Magnetic Resonance Spectroscopy May Be One of the Risk Markers of Preclinical Alzheimer's Disease: A 7-Year Follow-Up Study. Journal of Alzheimer's Disease, 2017, 60, 1411-1427. | 1.2 | 48 |
| 4635 | Hemispheric asymmetry of the frontolimbic cortex in young adults with borderline personality disorder. Acta Psychiatrica Scandinavica, 2017, 136, 637-647. | 2.2 | 9 |
| 4636 | The Knockout of Synapsin II in Mice Impairs Social Behavior and Functional Connectivity Generating an ASD-like Phenotype. Cerebral Cortex, 2017, 27, 5014-5023. | 1.6 | 43 |
| 4637 | Userâ€independent diffusion tensor imaging analysis pipelines in a rat model presenting ventriculomegalia: A comparison study. NMR in Biomedicine, 2017, 30, e3793. | 1.6 | 5 |
| 4638 | Reduced Inferior and Orbital Frontal Thickness in Adolescent Bulimia Nervosa Persists Over Two-Year Follow-Up. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 866-874.e7. | 0.3 | 20 |
| 4639 | Sex differences in Alzheimer risk. Neurology, 2017, 89, 1382-1390. | 1.5 | 177 |
| 4640 | The cerebellum's contribution to beat interval discrimination. NeuroImage, 2017, 163, 177-182. | 2.1 | 21 |
| 4641 | Global associations between regional gray matter volume and diverse complex cognitive functions: evidence from a large sample study. Scientific Reports, 2017, 7, 10014. | 1.6 | 41 |
| 4642 | In vivo magnetic resonance images reveal neuroanatomical sex differences through the application of voxel-based morphometry in C57BL/6 mice. NeuroImage, 2017, 163, 197-205. | 2.1 | 29 |
| 4643 | Structural MRI-based measures of neuroplasticity in an extended amygdala network as a target for attention bias modification treatment outcome. Medical Hypotheses, 2017, 109, 6-16. | 0.8 | 12 |
| 4644 | Riemannian Variance Filtering: An Independent Filtering Scheme for Statistical Tests on Manifold-Valued Data. , 2017, 2017, 699-708. | | 1 |
| 4645 | A Metaheuristically Tuned Interval Type 2 Fuzzy System to Reduce Segmentation Uncertainty in Brain MRI Images. Journal of Medical Systems, 2017, 41, 174. | 2.2 | 1 |

| | | CITATION RE | PORT | |
|------|--|------------------|------|-----------|
| # | ARTICLE Structure-function correlations in Retinitis Pigmentosa patients with partially preserved visi | on: a | IF | CITATIONS |
| 4646 | voxel-based morphometry study. Scientific Reports, 2017, 7, 11411. | | 1.6 | 25 |
| 4647 | A whole-brain computational modeling approach to explain the alterations in resting-state to connectivity during progression of Alzheimer's disease. NeuroImage: Clinical, 2017, 16, 343 | | 1.4 | 73 |
| 4648 | Structural Neuroimaging in Alzheimer's Disease. , 2017, , 21-38. | | | 3 |
| 4649 | Brain grey matter volume alterations associated with antidepressant response in major dep disorder. Scientific Reports, 2017, 7, 10464. | ressive | 1.6 | 26 |
| 4650 | Thermosensory Perceptual Learning Is Associated with Structural Brain Changes in Parietal–Opercular (SII) Cortex. Journal of Neuroscience, 2017, 37, 9380-9388. | | 1.7 | 14 |
| 4651 | Conjoint and dissociated structural and functional abnormalities in first-episode drug-naive with major depressive disorder: a multimodal meta-analysis. Scientific Reports, 2017, 7, 104 | | 1.6 | 46 |
| 4652 | Effects of aerobic exercise on brain metabolism and grey matter volume in older adults: res randomised controlled SMART trial. Translational Psychiatry, 2017, 7, e1172-e1172. | ults of the | 2.4 | 62 |
| 4653 | Regional analysis of age-related local bone loss in the spine of a healthy population using 3 voxel-based modeling. Bone, 2017, 103, 233-240. | D | 1.4 | 19 |
| 4654 | Diffusion tensor imaging in Parkinson's disease: Review and meta-analysis. NeuroImage: Cli 16, 98-110. | nical, 2017, | 1.4 | 208 |
| 4655 | Neural correlates of visual memory in patients with diffuse axonal injury. Brain Injury, 2017, 1513-1520. | 31, | 0.6 | 9 |
| 4656 | The atrophy of white and gray matter volume in patients with comitant strabismus: Evidence voxel-based morphometry study. Molecular Medicine Reports, 2017, 16, 3276-3282. | e from a | 1.1 | 38 |
| 4657 | Neuroticism, depression, and anxiety traits exacerbate the state of cognitive impairment ar hippocampal vulnerability to Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Ass Disease Monitoring, 2017, 7, 107-114. | d essment and | 1.2 | 29 |
| 4658 | Cambios en la resonancia magnética cerebral asociados al sÃndrome de fibromialgia. Me 2017, 148, 511-516. | dicina ClÃnica, | 0.3 | 13 |
| 4659 | Longitudinal MR Spectroscopy Shows Altered Metabolism in Traumatic Brain Injury. Journal Neuroimaging, 2017, 27, 562-569. | of | 1.0 | 19 |
| 4660 | The VALiDATe29 MRI Based Multi-Channel Atlas of the Squirrel Monkey Brain. Neuroinform 15, 321-331. | atics, 2017, | 1.5 | 23 |
| 4661 | Voxelâ€based magnetic resonance image postprocessing in epilepsy. Epilepsia, 2017, 58, 1 | 653-1664. | 2.6 | 36 |
| 4662 | Takotsubo Syndrome – Predictable from brain imaging data. Scientific Reports, 2017, 7, | 5434. | 1.6 | 32 |
| 4663 | Altered hippocampal volume and functional connectivity in males with Internet gaming disc comparing to those with alcohol use disorder. Scientific Reports, 2017, 7, 5744. | order | 1.6 | 31 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 4664 | Divergent Structural Responses to Pharmacological Interventions in Orbitofronto-Striato-Thalamic and Premotor Circuits in Obsessive-Compulsive Disorder. EBioMedicine, 2017, 22, 242-248. | 2.7 | 10 |
| 4665 | Regional decrease in gray matter volume is related to body dissatisfaction in anorexia nervosa. Psychiatry Research - Neuroimaging, 2017, 267, 51-58. | 0.9 | 17 |
| 4666 | Deducing magnetic resonance neuroimages based on knowledge from samples. Computerized Medical Imaging and Graphics, 2017, 62, 1-14. | 3.5 | 1 |
| 4667 | Neuroimaging studies in patients with psychogenic non-epileptic seizures: A systematic meta-review. NeuroImage: Clinical, 2017, 16, 210-221. | 1.4 | 65 |
| 4668 | Elucidating functional differences between cortical gyri and sulci via sparse representation HCP grayordinate fMRI data. Brain Research, 2017, 1672, 81-90. | 1.1 | 20 |
| 4669 | Functional brain effects of hand disuse in patients with trapeziometacarpal joint osteoarthritis: executed and imagined movements. Experimental Brain Research, 2017, 235, 3227-3241. | 0.7 | 22 |
| 4670 | Higher subcortical and white matter cerebral blood flow in perinatally HIV-infected children. Medicine (United States), 2017, 96, e5891. | 0.4 | 26 |
| 4671 | Performance of Image Matching in the Computational Anatomy Gateway. , 2017, , . | | 1 |
| 4672 | Orbitofrontal structural markers of negative affect in alcohol dependence and their associations with heavy relapse-risk at 6Âmonths post-treatment. European Psychiatry, 2017, 46, 16-22. | 0.1 | 9 |
| 4673 | Early visual cortical structural changes in diabetic patients without diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2113-2118. | 1.0 | 14 |
| 4674 | A whole brain volumetric approach in overweight/obese children: Examining the association with different physical fitness components and academic performance. The ActiveBrains project. NeuroImage, 2017, 159, 346-354. | 2.1 | 113 |
| 4675 | Amygdala and regional volumes in treatment-resistant versus nontreatment-resistant depression patients. Depression and Anxiety, 2017, 34, 1065-1071. | 2.0 | 17 |
| 4676 | Separate mesocortical and mesolimbic pathways encode effort and reward learning signals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7395-E7404. | 3.3 | 107 |
| 4677 | Mental States in Moving Shapes: Distinct Cortical and Subcortical Contributions to Theory of Mind Impairments in Dementia. Journal of Alzheimer's Disease, 2017, 61, 521-535. | 1.2 | 52 |
| 4678 | What Do Language Disorders Reveal about Brain–Language Relationships? From Classic Models to Network Approaches. Journal of the International Neuropsychological Society, 2017, 23, 741-754. | 1.2 | 31 |
| 4679 | Computer-aided evaluation of inflammatory changes over time on MRI of the spine in patients with suspected axial spondyloarthritis: a feasibility study. BMC Medical Imaging, 2017, 17, 55. | 1.4 | 2 |
| 4680 | Expansion and Renormalization of Human Brain Structure During Skill Acquisition. Trends in Cognitive Sciences, 2017, 21, 930-939. | 4.0 | 145 |
| 4681 | Cognitive Neuroscience Methods: An Introductory Overview for Social Scientists. , 0, , 33-66. | | ο |

| # | Article | IF | CITATIONS |
|--------------------------------------|---|-------------------|--------------------------|
| 4682 | Similarities and Differences in Neuroimaging. Advances in Experimental Medicine and Biology, 2017, 1010, 73-89. | 0.8 | 1 |
| 4683 | Cerebral gray matter changes in persistent postural perceptual dizziness. Journal of Psychosomatic Research, 2017, 103, 95-101. | 1.2 | 47 |
| 4684 | Voxel-based morphometry multi-center mega-analysis of brain structure in social anxiety disorder. NeuroImage: Clinical, 2017, 16, 678-688. | 1.4 | 68 |
| 4685 | Regional gray matter volume is associated with trait modesty: Evidence from voxel-based morphometry. Scientific Reports, 2017, 7, 14920. | 1.6 | 7 |
| 4686 | Regionally Specific Brain Volumetric and Cortical Thickness Changes in HIV-Infected Patients in the HAART Era. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 74, 563-570. | 0.9 | 75 |
| 4687 | Childhood Brain Tumors: a Systematic Review of the Structural Neuroimaging Literature. Neuropsychology Review, 2017, 27, 220-244. | 2.5 | 30 |
| 4688 | Structural neuroimaging correlates of alcohol and cannabis use in adolescents and adults. Addiction, 2017, 112, 2144-2154. | 1.7 | 36 |
| 4689 | Associations of Early Kidney Disease With Brain Magnetic Resonance Imaging and Cognitive Function in African Americans With Type 2 Diabetes Mellitus. American Journal of Kidney Diseases, 2017, 70, 627-637. | 2.1 | 35 |
| 4690 | Spaceflight-induced neuroplasticity in humans as measured by MRI: what do we know so far?. Npj Microgravity, 2017, 3, 2. | 1.9 | 43 |
| | | | |
| 4691 | End-to-end learning of brain tissue segmentation from imperfect labeling. , 2017, , . | | 16 |
| 4691 4692 | End-to-end learning of brain tissue segmentation from imperfect labeling. , 2017, , . Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. | 3.3 | 16 40 |
| | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. | 3.3 | |
| 4692 | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. | | 40 |
| 4692 4693 | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. Advances in Neuroimaging for Neurodegenerative Disease. Advances in Neurobiology, 2017, 15, 451-478. Common and distinct neural mechanisms associated with the conscious experience of vicarious pain. | 1.3 | 40 5 |
| 4692 4693 4694 | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. Advances in Neuroimaging for Neurodegenerative Disease. Advances in Neurobiology, 2017, 15, 451-478. Common and distinct neural mechanisms associated with the conscious experience of vicarious pain. Cortex, 2017, 94, 152-163. Neurological software tool for reliable atrophy measurement (NeuroSTREAM) of the lateral ventricles on clinical-quality T2-FLAIR MRI scans in multiple sclerosis. NeuroImage: Clinical, 2017, 15, | 1.3 1.1 | 40 5 42 |
| 4692 4693 4694 4695 | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. Advances in Neuroimaging for Neurodegenerative Disease. Advances in Neurobiology, 2017, 15, 451-478. Common and distinct neural mechanisms associated with the conscious experience of vicarious pain. Cortex, 2017, 94, 152-163. Neurological software tool for reliable atrophy measurement (NeuroSTREAM) of the lateral ventricles on clinical-quality T2-FLAIR MRI scans in multiple sclerosis. NeuroImage: Clinical, 2017, 15, 769-779. Comparison between two white matter segmentation strategies: An investigation into white matter | 1.3 1.1 | 40 5 42 48 |
| 4692 4693 4694 4695 4696 | Reduced orbitofrontal cortical volume is associated with interdependent self-construal. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7969-7974. Advances in Neuroimaging for Neurodegenerative Disease. Advances in Neurobiology, 2017, 15, 451-478. Common and distinct neural mechanisms associated with the conscious experience of vicarious pain. Cortex, 2017, 94, 152-163. Neurological software tool for reliable atrophy measurement (NeuroSTREAM) of the lateral ventricles on clinical-quality T2-FLAIR MRI scans in multiple sclerosis. NeuroImage: Clinical, 2017, 15, 769-779. Comparison between two white matter segmentation strategies: An investigation into white matter segmentation consistency. , 2017, White matter lesions characterise brain involvement in moderate to severe chronic obstructive | 1.3 1.1 1.4 | 40 5 42 48 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4700 | Evaluating anorexia-related brain atrophy using MP2RAGE-based morphometry. European Radiology, 2017, 27, 5064-5072. | 2.3 | 16 |
| 4701 | Landmark-Free Three-dimensional Quantification of Morphological Variation and Shape Change in the Mouse Mandible: Methodological Development and Application. , 2017, , . | | Ο |
| 4702 | Statistical Parametric Mapping of HR-pQCT Images: A Tool for Population-Based Local Comparisons of Micro-Scale Bone Features. Annals of Biomedical Engineering, 2017, 45, 949-962. | 1.3 | 9 |
| 4703 | Sexual dimorphism of Broca's region: More gray matter in female brains in Brodmann areas 44 and 45. Journal of Neuroscience Research, 2017, 95, 626-632. | 1.3 | 33 |
| 4704 | Brain structural imaging of receptive speech and beyond: a review of current methods. Language, Cognition and Neuroscience, 2017, 32, 870-890. | 0.7 | 5 |
| 4705 | <scp>B</scp> asal ganglia structure in Tourette's disorder and/or attentionâ€deficit/hyperactivity disorder. Movement Disorders, 2017, 32, 601-604. | 2.2 | 16 |
| 4706 | Neuroimaging Endpoints in Amyotrophic Lateral Sclerosis. Neurotherapeutics, 2017, 14, 11-23. | 2.1 | 72 |
| 4707 | Different spatial patterns of brain atrophy and global functional connectivity impairments in major depressive disorder. Brain Imaging and Behavior, 2017, 11, 1678-1689. | 1.1 | 43 |
| 4708 | Cognitive Deficits Post-Traumatic Brain Injury and Their Association with Injury Severity and Gray Matter Volumes. Journal of Neurotrauma, 2017, 34, 1466-1472. | 1.7 | 15 |
| 4709 | On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significanceâ€weighted principal component analysis. Human Brain Mapping, 2017, 38, 1208-1223. | 1.9 | 35 |
| 4710 | Visual Hallucination and Pattern of Brain Degeneration in Parkinson's Disease. Neurodegenerative Diseases, 2017, 17, 63-72. | 0.8 | 22 |
| 4711 | An investigation of cerebrovascular lesions in dementia with Lewy bodies compared to Alzheimer's disease. Alzheimer's and Dementia, 2017, 13, 257-266. | 0.4 | 41 |
| 4712 | Brain imaging and networks in restless legs syndrome. Sleep Medicine, 2017, 31, 39-48. | 0.8 | 70 |
| 4713 | Brain Structure Biomarkers in the Psychosis Biotypes: Findings From the Bipolar-Schizophrenia Network for Intermediate Phenotypes. Biological Psychiatry, 2017, 82, 26-39. | 0.7 | 118 |
| 4714 | Prefrontal Structure Varies as a Function of Pain Symptoms in Chronic Fatigue Syndrome. Biological Psychiatry, 2017, 81, 358-365. | 0.7 | 25 |
| 4715 | Bout-associated intrinsic functional network changes in cluster headache: A longitudinal resting-state functional MRI study. Cephalalgia, 2017, 37, 1152-1163. | 1.8 | 30 |
| 4716 | Improved individualized prediction of schizophrenia in subjects at familial high risk, based on neuroanatomical data, schizotypal and neurocognitive features. Schizophrenia Research, 2017, 181, 6-12. | 1.1 | 59 |
| 4717 | Multi-modal multiple kernel learning for accurate identification of Tourette syndrome children. Pattern Recognition, 2017, 63, 601-611. | 5.1 | 31 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4718 | Activity/rest cycle and disturbances of structural backbone of cerebral networks in aging. Neurolmage, 2017, 146, 814-820. | 2.1 | 24 |
| 4719 | Changes in cognitive functions and cerebral grey matter and their associations with inflammatory markers, endocrine markers, and APOE genotypes in testicular cancer patients undergoing treatment. Brain Imaging and Behavior, 2017, 11, 769-783. | 1.1 | 65 |
| 4720 | Impulsive-Antisocial Dimension of Psychopathy Linked to Enlargement and Abnormal Functional Connectivity of the Striatum. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 149-157. | 1.1 | 34 |
| 4721 | Fitting large-scale structured additive regression models using Krylov subspace methods. Computational Statistics and Data Analysis, 2017, 105, 59-75. | 0.7 | 0 |
| 4722 | The influence of interoceptive awareness on functional connectivity in patients with irritable bowel syndrome. Brain Imaging and Behavior, 2017, 11, 1117-1128. | 1.1 | 28 |
| 4723 | Imag(in)ing multiple sclerosis: Time to take better pictures. Journal of Neuroimmunology, 2017, 304, 72-80. | 1.1 | 6 |
| 4724 | The self-reference effect in dementia: Differential involvement of cortical midline structures in Alzheimer's disease and behavioural-variant frontotemporal dementia. Cortex, 2017, 91, 169-185. | 1.1 | 30 |
| 4725 | ¹⁸ F-FDG PET in Posterior Cortical Atrophy and Dementia with Lewy Bodies. Journal of Nuclear Medicine, 2017, 58, 632-638. | 2.8 | 91 |
| 4726 | Discrete capacity limits and neuroanatomical correlates of visual short-term memory for objects and spatial locations. Human Brain Mapping, 2017, 38, 767-778. | 1.9 | 8 |
| 4727 | Tracking the development of agrammatic aphasia: A tensor-based morphometry study. Cortex, 2017, 90, 138-148. | 1.1 | 22 |
| 4728 | Relationships between years of education, regional grey matter volumes, and working memory-related brain activity in healthy older adults. Brain Imaging and Behavior, 2017, 11, 304-317. | 1.1 | 55 |
| 4729 | The Neuro Bureau ADHD-200 Preprocessed repository. NeuroImage, 2017, 144, 275-286. | 2.1 | 183 |
| 4730 | Fibre tract analysis using diffusion tensor imaging reveals aberrant connectivity in a rat model of depression. World Journal of Biological Psychiatry, 2017, 18, 615-623. | 1.3 | 13 |
| 4731 | Anatomical dysconnectivity in bipolar disorder compared with schizophrenia: A selective review of structural network analyses using diffusion MRI. Journal of Affective Disorders, 2017, 209, 217-228. | 2.0 | 95 |
| 4732 | Decision-making performance in Parkinson's disease correlates with lateral orbitofrontal volume. Journal of the Neurological Sciences, 2017, 372, 232-238. | 0.3 | 20 |
| 4733 | Local texture descriptors for the assessment of differences in diffusion magnetic resonance imaging of the brain. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 389-398. | 1.7 | 2 |
| 4734 | Motionâ€related artifacts in structural brain images revealed with independent estimates of inâ€scanner head motion. Human Brain Mapping, 2017, 38, 472-492. | 1.9 | 151 |
| 4735 | Investigating white matter fibre density and morphology using fixel-based analysis. NeuroImage, 2017, 144, 58-73. | 2.1 | 437 |

| # | Article | IF | CITATIONS |
|------|---|---------------------|--------------------------|
| 4736 | Creative females have larger white matter structures: Evidence from a large sample study. Human Brain Mapping, 2017, 38, 414-430. | 1.9 | 43 |
| 4737 | Concurrent decrease of brain white matter tracts' thicknesses and fractional anisotropy after antenatal hypoxiaâ€ischemia detected with tractâ€based spatial statistics analysis. Journal of Magnetic Resonance Imaging, 2017, 45, 829-838. | 1.9 | 5 |
| 4738 | Pattern Discovery in Brain Imaging Genetics via SCCA Modeling with a Generic Non-convex Penalty. Scientific Reports, 2017, 7, 14052. | 1.6 | 9 |
| 4739 | A lesion model of envy and Schadenfreude: legal, deservingness and moral dimensions as revealed by neurodegeneration. Brain, 2017, 140, 3357-3377. | 3.7 | 66 |
| 4740 | Effects of Regular and Long-Acting Insulin on Cognition and Alzheimer's Disease Biomarkers: A Pilot Clinical Trial. Journal of Alzheimer's Disease, 2017, 57, 1325-1334. | 1.2 | 247 |
| 4741 | Longitudinal Neuroimaging Analysis in Mild-Moderate Alzheimer's Disease Patients Treated with Plasma Exchange with 5% Human Albumin. Journal of Alzheimer's Disease, 2017, 61, 321-332. | 1.2 | 21 |
| 4742 | Electroconvulsive therapy selectively enhanced feedforward connectivity from fusiform face area to amygdala in major depressive disorder. Social Cognitive and Affective Neuroscience, 2017, 12, 1983-1992. | 1.5 | 87 |
| 4743 | Neuroimaging in dementia. , 0, , 19-43. | | 0 |
| 4744 | Neuroanatomical Comparison of the "Word―and "Picture―Versions of the Free and Cued Selective Reminding Test in Alzheimer's Disease. Journal of Alzheimer's Disease, 2017, 61, 589-600. | 1.2 | 17 |
| 4745 | Structural imaging in premanifest and manifest Huntington disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2017, 144, 247-261. | 1.0 | 18 |
| 4746 | Self-paced learning for multi-modal fusion for alzheimer's disease diagnosis. , 2017, , . | | 0 |
| 4747 | Multi-view visual saliency-based MRI classification for alzheimer's disease diagnosis. , 2017, , . | | 4 |
| 4748 | Hippocampal segmentation using structured extreme learning machine with bag of features. , 2017, , . | | 1 |
| 4749 | Diaschisis-Like Association of Hippocampal Atrophy and Posterior Cingulate Cortex Hypometabolism in Cognitively Normal Elderly Depends on Impaired Integrity of Parahippocampal Cingulum Fibers. Journal of Alzheimer's Disease, 2017, 60, 1285-1294. | 1.2 | 3 |
| 4750 | Distinct 18F-AV-1451 tau PET retention patterns in early- and late-onset Alzheimer's disease. Brain, 2017, 140, 2286-2294. | 3.7 | 149 |
| 4751 | A Differential Geometry Approach for Change Detection in Medical Images. , 2017, , . | | 2 |
| 4752 | 基于èj¨é¢çš"形怜µ‹é‡å¦ï¼š3Tä,Ž7Té«~å^†è¾¨ç£å±æŒ⁻结构æ^åƒå⊷è⁻•è€å†æ⁻"较. Chinese Me | di ca 2Scier | nc e s Journal, 1 |
| 4753 | An Optimal Transportation Based Univariate Neuroimaging Index. , 2017, , . | | 1 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 4754 | MRI Morphometry of the Brain and Neurological Diseases. , 2017, , . | | 3 |
| 4756 | Modified complex diffusion based nonlinear filter for restoration and enhancement of magnetic resonance images. International Journal of Biomedical Engineering and Technology, 2017, 23, 19. | 0.2 | 8 |
| 4757 | Constraint-Induced Movement Therapy. , 2017, , 143-155. | | 7 |
| 4758 | Right Hemisphere Grey Matter Volume and Language Functions in Stroke Aphasia. Neural Plasticity, 2017, 2017, 1-14. | 1.0 | 21 |
| 4759 | A panel of clinical and neuropathological features of cerebrovascular disease through the novel neuroimaging methods. Dementia E Neuropsychologia, 2017, 11, 343-355. | 0.3 | 4 |
| 4760 | Increased Gray Matter Volume and Resting-State Functional Connectivity in Somatosensory Cortex and their Relationship with Autistic Symptoms in Young Boys with Autism Spectrum Disorder. Frontiers in Physiology, 2017, 8, 588. | 1.3 | 33 |
| 4761 | Regional Gray Matter Volume Is Associated with Restrained Eating in Healthy Chinese Young Adults: Evidence from Voxel-Based Morphometry. Frontiers in Psychology, 2017, 8, 443. | 1.1 | 7 |
| 4762 | Experience with the Cardinal Coordinate System Contributes to the Precision of Cognitive Maps. Frontiers in Psychology, 2017, 8, 1166. | 1.1 | 4 |
| 4763 | Gray Matter Abnormalities in the Inhibitory Circuitry of Young Binge Drinkers: A Voxel-Based Morphometry Study. Frontiers in Psychology, 2017, 8, 1567. | 1.1 | 15 |
| 4764 | A New Division of Schizophrenia Revealed Expanded Bilateral Brain Structural Abnormalities of the Association Cortices. Frontiers in Psychiatry, 2017, 8, 127. | 1.3 | 5 |
| 4765 | Altered Gray-Matter Volumes Associated With Betel Quid Dependence. Frontiers in Psychiatry, 2017, 8, 139. | 1.3 | 12 |
| 4766 | Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. Frontiers in Psychiatry, 2017, 8, 179. | 1.3 | 25 |
| 4767 | Robust tracking of respiratory rate in high-dynamic range scenes using mobile thermal imaging. Biomedical Optics Express, 2017, 8, 4480. | 1.5 | 93 |
| 4768 | A systemic literature review of neuroimaging studies in women with breast cancer treated with adjuvant chemotherapy. Wspolczesna Onkologia, 2017, 1, 6-15. | 0.7 | 27 |
| 4769 | Statistical Shape Analysis for Brain Structures. , 2017, , 351-378. | | 4 |
| 4770 | Organization of the Nervous System II. , 2017, , 44-73. | | 0 |
| 4771 | Oppositional defiant disorder: current insight. Psychology Research and Behavior Management, 2017, Volume 10, 353-367. | 1.3 | 26 |
| 4772 | Alzheimer's Disease Early Diagnosis Using Manifold-Based Semi-Supervised Learning. Brain Sciences, 2017, 7, 109. | 1.1 | 31 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4773 | Age-Related Gray and White Matter Changes in Normal Adult Brains. , 2017, 8, 899. | | 83 |
| 4774 | Understanding the Roles of Genetic and Environmental Influences on the Neurobiology of Nicotine Use. , 2017, , 251-271. | | 0 |
| 4775 | Brain White Matter Impairment in Patients with Spinal Cord Injury. Neural Plasticity, 2017, 2017, 1-8. | 1.0 | 20 |
| 4776 | Brain Atrophy Estimated from Structural Magnetic Resonance Imaging as a Marker of Large-Scale Network-Based Neurodegeneration in Aging and Stroke. Geriatrics (Switzerland), 2017, 2, 34. | 0.6 | 6 |
| 4777 | Reward Dependent Invigoration Relates to Theta Oscillations and Is Predicted by Dopaminergic Midbrain Integrity in Healthy Elderly. Frontiers in Aging Neuroscience, 2017, 9, 1. | 1.7 | 180 |
| 4778 | Neuroanatomical and Neuropsychological Markers of Amnestic MCI: A Three-Year Longitudinal Study in Individuals Unaware of Cognitive Decline. Frontiers in Aging Neuroscience, 2017, 9, 34. | 1.7 | 13 |
| 4779 | Evolution of Neuroplasticity in Response to Physical Activity in Old Age: The Case for Dancing. Frontiers in Aging Neuroscience, 2017, 9, 56. | 1.7 | 118 |
| 4780 | Blood Pressure Control in Aging Predicts Cerebral Atrophy Related to Small-Vessel White Matter Lesions. Frontiers in Aging Neuroscience, 2017, 9, 132. | 1.7 | 24 |
| 4781 | Altered Functional Connectivity of Cognitive-Related Cerebellar Subregions in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2017, 9, 143. | 1.7 | 63 |
| 4782 | Reduced Gray Matter Volume in Patients with Type 2 Diabetes Mellitus. Frontiers in Aging Neuroscience, 2017, 9, 161. | 1.7 | 40 |
| 4783 | Structural Brain Network Changes across the Adult Lifespan. Frontiers in Aging Neuroscience, 2017, 9, 275. | 1.7 | 42 |
| 4784 | Differential Effects of the Factor Structure of the Wechsler Memory Scale-Revised on the Cortical Thickness and Complexity of Patients Aged Over 75 Years in a Memory Clinic Setting. Frontiers in Aging Neuroscience, 2017, 9, 405. | 1.7 | 9 |
| 4785 | Examining Brain Morphometry Associated with Self-Esteem in Young Adults Using Multilevel-ROI-Features-Based Classification Method. Frontiers in Computational Neuroscience, 2017, 11, 37. | 1.2 | 2 |
| 4786 | Pattern of Reduced Functional Connectivity and Structural Abnormalities in Parkinson's Disease: An Exploratory Study. Frontiers in Neurology, 2016, 7, 243. | 1.1 | 30 |
| 4787 | Functional Connectivity Mapping in the Animal Model: Principles and Applications of Resting-State fMRI. Frontiers in Neurology, 2017, 8, 200. | 1.1 | 78 |
| 4788 | Comparing CAT12 and VBM8 for Detecting Brain Morphological Abnormalities in Temporal Lobe Epilepsy. Frontiers in Neurology, 2017, 8, 428. | 1.1 | 103 |
| 4789 | Recommendations for the Use of Automated Gray Matter Segmentation Tools: Evidence from Huntington's Disease. Frontiers in Neurology, 2017, 8, 519. | 1.1 | 31 |
| 4790 | Cerebral Hemodynamic and White Matter Changes of Type 2 Diabetes Revealed by Multi-TI Arterial Spin Labeling and Double Inversion Recovery Sequence. Frontiers in Neurology, 2017, 8, 717. | 1.1 | 19 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4791 | Morphological and Functional Differences between Athletes and Novices in Cortical Neuronal Networks. Frontiers in Human Neuroscience, 2016, 10, 660. | 1.0 | 13 |
| 4792 | The Effect of Gray Matter ICA and Coefficient of Variation Mapping of BOLD Data on the Detection of Functional Connectivity Changes in Alzheimer's Disease and bvFTD. Frontiers in Human Neuroscience, 2016, 10, 680. | 1.0 | 34 |
| 4793 | Sex Matters: Hippocampal Volume Predicts Individual Differences in Associative Memory in Cognitively Normal Older Women but Not Men. Frontiers in Human Neuroscience, 2017, 11, 93. | 1.0 | 15 |
| 4794 | Brain Gray Matter Atrophy after Spinal Cord Injury: A Voxel-Based Morphometry Study. Frontiers in Human Neuroscience, 2017, 11, 211. | 1.0 | 36 |
| 4795 | Barratt Impulsivity in Healthy Adults Is Associated with Higher Gray Matter Concentration in the Parietal Occipital Cortex that Represents Peripheral Visual Field. Frontiers in Human Neuroscience, 2017, 11, 222. | 1.0 | 12 |
| 4796 | Coupling of Action-Perception Brain Networks during Musical Pulse Processing: Evidence from Region-of-Interest-Based Independent Component Analysis. Frontiers in Human Neuroscience, 2017, 11, 230. | 1.0 | 25 |
| 4797 | Structural Correlates of Reading the Mind in the Eyes in Autism Spectrum Disorder. Frontiers in Human Neuroscience, 2017, 11, 361. | 1.0 | 15 |
| 4798 | Simulating Longitudinal Brain MRIs with Known Volume Changes and Realistic Variations in Image Intensity. Frontiers in Neuroscience, 2017, 11, 132. | 1.4 | 10 |
| 4799 | Revisiting the Neural Basis of Acquired Amusia: Lesion Patterns and Structural Changes Underlying Amusia Recovery. Frontiers in Neuroscience, 2017, 11, 426. | 1.4 | 21 |
| 4800 | Variational Bayesian Parameter Estimation Techniques for the General Linear Model. Frontiers in Neuroscience, 2017, 11, 504. | 1.4 | 9 |
| 4801 | Localizing Age-Related Changes in Brain Structure Using Voxel-Based Morphometry. Neural Plasticity, 2017, 2017, 1-7. | 1.0 | 11 |
| 4802 | Brain MR Image Classification for Alzheimer's Disease Diagnosis Based on Multifeature Fusion. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-13. | 0.7 | 53 |
| 4803 | Short Latency Gray Matter Changes in Voxel-Based Morphometry following High Frequent Visual Stimulation. Neural Plasticity, 2017, 2017, 1-6. | 1.0 | 5 |
| 4804 | White Matter Hyperintensity Load Modulates Brain Morphometry and Brain Connectivity in Healthy Adults: A Neuroplastic Mechanism?. Neural Plasticity, 2017, 2017, 1-10. | 1.0 | 26 |
| 4805 | Functional Activation-Informed Structural Changes during Stroke Recovery: A Longitudinal MRI Study. BioMed Research International, 2017, 2017, 1-13. | 0.9 | 4 |
| 4806 | Decreased Functional Connectivity of Insular Cortex in Drug NaÃ ⁻ ve First Episode Schizophrenia: In Relation to Symptom Severity. PLoS ONE, 2017, 12, e0167242. | 1.1 | 16 |
| 4807 | Brain Parenchymal Fraction in Healthy Adults—A Systematic Review of the Literature. PLoS ONE, 2017, 12, e0170018. | 1.1 | 29 |
| 4808 | A reproducible semi-automatic method to quantify the muscle-lipid distribution in clinical 3D CT images of the thigh. PLoS ONE, 2017, 12, e0175174. | 1.1 | 16 |

| | CITATION | KLPOKI | |
|-----------|--|-----------|-----------------|
| # 4809 | ARTICLE Exploring the role of white matter connectivity in cortex maturation. PLoS ONE, 2017, 12, e0177466. | IF 1.1 | Citations 20 |
| 4810 | Comparison of cognitive and brain grey matter volume profiles between multiple sclerosis and neuromyelitis optica spectrum disorder. PLoS ONE, 2017, 12, e0184012. | 1.1 | 10 |
| 4811 | Perimenopause and emergence of an Alzheimer's bioenergetic phenotype in brain and periphery. PLoS ONE, 2017, 12, e0185926. | 1.1 | 95 |
| 4812 | Regional brain morphometry in patients with traumatic brain injury based on acute- and chronic-phase magnetic resonance imaging. PLoS ONE, 2017, 12, e0188152. | 1.1 | 25 |
| 4813 | Advances in neurocognitive rehabilitation research from 1992 to 2017: The ascension of neural plasticity Neuropsychology, 2017, 31, 900-920. | 1.0 | 16 |
| 4814 | Multivariate regression analysis of structural MRI connectivity matrices in Alzheimer's disease. PLoS ONE, 2017, 12, e0187281. | 1.1 | 15 |
| 4815 | Cerebral gray matter volume in patients with chronic migraine: correlations with clinical features. Journal of Headache and Pain, 2017, 18, 115. | 2.5 | 78 |
| 4816 | Gray matter density loss in essential tremor: a lobule by lobule analysis of the cerebellum. Cerebellum and Ataxias, 2017, 4, 10. | 1.9 | 29 |
| 4817 | An innovative approach based on skull stripping for MRI images of human brain. , 2017, , . | | 1 |
| 4818 | Brain Imaging Approach for Neurological Disorders. Journal of the Robotics Society of Japan, 2017, 35, 531-535. | 0.0 | 0 |
| 4819 | Grey and White Matter Alterations in Juvenile Myoclonic Epilepsy: A Comprehensive Review. Journal of Epilepsy Research, 2017, 7, 77-88. | 0.1 | 17 |
| 4820 | Gender Identification of Human Brain Image with A Novel 3D Descriptor. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 551-561. | 1.9 | 8 |
| 4821 | The structural and functional brain networks that support human social networks. Behavioural Brain Research, 2018, 355, 12-23. | 1.2 | 92 |
| 4822 | Community violence exposure correlates with smaller gray matter volume and lower <scp>IQ</scp> in urban adolescents. Human Brain Mapping, 2018, 39, 2088-2097. | 1.9 | 35 |
| 4823 | Anatomical Landmark Based Deep Feature Representation for MR Images in Brain Disease Diagnosis. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1476-1485. | 3.9 | 114 |
| 4824 | Allergic tendencies are associated with larger gray matter volumes. Scientific Reports, 2018, 8, 3694. | 1.6 | 7 |
| 4825 | Motor dysfunction as research domain in the period preceding manifest schizophrenia: A systematic review. Neuroscience and Biobehavioral Reviews, 2018, 87, 87-105. | 2.9 | 52 |
| 4826 | How distributed processing produces false negatives in voxel-based lesion-deficit analyses. Neuropsychologia, 2018, 115, 124-133. | 0.7 | 30 |

| # | Article | IF | CITATIONS |
|------|---|--------------|----------------|
| 4827 | The relationship between self-enhancing humor and precuneus volume in young healthy individuals with high and low cognitive empathy. Scientific Reports, 2018, 8, 3467. | 1.6 | 7 |
| 4828 | Registration. Neuromethods, 2018, 136, 3-12. | 0.2 | 0 |
| 4829 | Progressive neurodegeneration following spinal cord injury. Neurology, 2018, 90, e1257-e1266. | 1.5 | 97 |
| 4830 | Polymorphisms in the microglial marker molecule CX3CR1 affect the blood volume of the human brain. Psychiatry and Clinical Neurosciences, 2018, 72, 409-422. | 1.0 | 5 |
| 4831 | Neuroimaging of the Injured Pediatric Brain: Methods and New Lessons. Neuroscientist, 2018, 24, 652-670. | 2.6 | 32 |
| 4832 | Brain Morphometry: Parkinson's Disease. Neuromethods, 2018, , 267-277. | 0.2 | 0 |
| 4833 | Implications of structural and functional brain changes in amyotrophic lateral sclerosis. Expert Review of Neurotherapeutics, 2018, 18, 407-419. | 1.4 | 12 |
| 4834 | Do brain structural abnormalities differentiate separate forms of urgency urinary incontinence?. Neurourology and Urodynamics, 2018, 37, 2597-2605. | 0.8 | 12 |
| 4835 | Automated search of control points in surface-based morphometry. NeuroImage, 2018, 176, 56-70. | 2.1 | 13 |
| 4836 | Future Brain and Spinal Cord Volumetric Imaging in the Clinic for Monitoring Treatment Response in MS. Current Treatment Options in Neurology, 2018, 20, 17. | 0.7 | 15 |
| 4837 | The brain health index: Towards a combined measure of neurovascular and neurodegenerative structural brain injury. International Journal of Stroke, 2018, 13, 849-856. | 2.9 | 18 |
| 4838 | å»¶é«"åŧç—…åž‹åĎ脊髓åŧç—…åž‹è,ŒèŽç¼©ä¾§ç´¢ç¡¬åŒ–症脑éf¨ç£å…±æŒ⁻结构特å¾å•化. Cl | hines@Medica | al Sciences Jo |
| 4839 | A morphometric signature of depressive symptoms in unmedicated patients with mood disorders. Acta Psychiatrica Scandinavica, 2018, 138, 73-82. | 2.2 | 12 |
| 4840 | Brain morphological and microstructural features in cryptogenic late-onset temporal lobe epilepsy: a structural and diffusion MRI study. Neuroradiology, 2018, 60, 635-641. | 1.1 | 12 |
| 4841 | Mediterranean diet and 3-year Alzheimer brain biomarker changes in middle-aged adults. Neurology, 2018, 90, e1789-e1798. | 1.5 | 186 |
| 4842 | A voxelâ€based asymmetry study of the relationship between hemispheric asymmetry and language dominance in Wada tested patients. Human Brain Mapping, 2018, 39, 3032-3045. | 1.9 | 14 |
| 4843 | Statistical testing and power analysis for brain-wide association study. Medical Image Analysis, 2018, 47, 15-30. | 7.0 | 18 |
| 4844 | Education amplifies brain atrophy effect on cognitive decline: implications for cognitive reserve. Neurobiology of Aging, 2018, 68, 142-150. | 1.5 | 95 |

| | | CITATION R | EPORT | |
|------|---|---|-----------|-----------|
| # | ARTICLE Abnormal gray matter asymmetry in alcohol dependence. NeuroReport, 2018, 29, 753- | 759. | IF 0.6 | Citations |
| 1015 | Abnormal gray matter asymmetry in alconor dependence. Neurokepore, 2010, 23, 733 | , | 0.0 | , |
| 4846 | Reduced regional volumes associated with total psychopathy scores in an adult popula childhood lead exposure. NeuroToxicology, 2018, 67, 1-26. | tion with | 1.4 | 20 |
| 4847 | Neural correlates of reduced depressive symptoms following cognitive training for chro traumatic brain injury. Human Brain Mapping, 2018, 39, 2955-2971. | nic | 1.9 | 28 |
| 4848 | Abnormal brain structure as a potential biomarker for venous erectile dysfunction: evid multimodal MRI and machine learning. European Radiology, 2018, 28, 3789-3800. | ence from | 2.3 | 18 |
| 4849 | Quantifying the Effects of 16p11.2 Copy Number Variants on Brain Structure: A Multis Study. Biological Psychiatry, 2018, 84, 253-264. | te Genetic-First | 0.7 | 56 |
| 4850 | Baseline symptoms and basal forebrain volume predict future psychosis in early Parkins Neurology, 2018, 90, e1618-e1626. | on disease. | 1.5 | 44 |
| 4851 | Using Pattern Classification to Identify Brain Imaging Markers in Autism Spectrum Diso Topics in Behavioral Neurosciences, 2018, 40, 413-436. | rder. Current | 0.8 | 5 |
| 4852 | Imaging and Genetic Biomarkers Predicting Transition to Psychosis. Current Topics in B Neurosciences, 2018, 40, 353-388. | ehavioral | 0.8 | 13 |
| 4853 | Sleep apnea: Altered brain connectivity underlying a working-memory challenge. Neuro 2018, 19, 56-65. | Image: Clinical, | 1.4 | 24 |
| 4854 | Regional grey matter volume correlates of gambling disorder, gambling-related cognitivand emotion-driven impulsivity. International Gambling Studies, 2018, 18, 195-216. | ve distortions, | 1.3 | 20 |
| 4855 | Associations between adolescent cannabis use and brain structure in psychosis. Psychi Neuroimaging, 2018, 276, 53-64. | atry Research - | 0.9 | 18 |
| 4856 | Altered whole-brain gray matter volume in high myopia patients. NeuroReport, 2018, 2 | 9, 760-767. | 0.6 | 19 |
| 4857 | Altered gray matter volume and disrupted functional connectivity of dorsolateral prefro in men with heroin dependence. Psychiatry and Clinical Neurosciences, 2018, 72, 435-4 | | 1.0 | 20 |
| 4858 | The utility of a network–based clustering method for dimension reduction of imaging non-imaging biomarkers predictive of Alzheimer's disease. Scientific Reports, 2018 | g and , 8, 2807. | 1.6 | 2 |
| 4859 | Relationship between Social Cognition and traditional cognitive impairment in Progress Sclerosis and possible implicated neuroanatomical regions. Multiple Sclerosis and Relat 2018, 20, 122-128. | | 0.9 | 33 |
| 4860 | Beyond the face: how context modulates emotion processing in frontotemporal demer Brain, 2018, 141, 1172-1185. | itia subtypes. | 3.7 | 67 |
| 4861 | Impact of gender and genetics on emotion processing in Parkinson's disease - A multim NeuroImage: Clinical, 2018, 18, 305-314. | ıodal study. | 1.4 | 32 |
| 4862 | Brain structure differences between <scp>C</scp> hinese and <scp>C</scp> aucasian c comprehensive morphometry study. Human Brain Mapping, 2018, 39, 2147-2155. | ohorts: A | 1.9 | 62 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4863 | Structural Connectivity Alterations Along the Alzheimer's Disease Continuum: Reproducibility Across Two Independent Samples and Correlation with Cerebrospinal Fluid Amyloid-β and Tau. Journal of Alzheimer's Disease, 2018, 61, 1575-1587. | 1.2 | 25 |
| 4864 | Cerebellar gray matter explains bimanual coordination performance in children and older adults. Neurobiology of Aging, 2018, 65, 109-120. | 1.5 | 18 |
| 4865 | Pretherapeutic Functional Imaging Allows Prediction of Head Tremor Arrest After Thalamotomy for Essential Tremor: The Role of Altered Interconnectivity Between Thalamolimbic and Supplementary Motor Circuits. World Neurosurgery, 2018, 112, e479-e488. | 0.7 | 7 |
| 4866 | Inferring distinct mechanisms in the absence of subjective differences: Placebo and centrally acting analgesic underlie unique brain adaptations. Human Brain Mapping, 2018, 39, 2210-2223. | 1.9 | 14 |
| 4867 | Reading and visual word recognition ability in semantic dementia is not predicted by semantic performance. Neuropsychologia, 2018, 111, 292-306. | 0.7 | 10 |
| 4868 | Multimodal MR imaging in hepatic encephalopathy: state of the art. Metabolic Brain Disease, 2018, 33, 661-671. | 1.4 | 14 |
| 4869 | Structural Studies of Creativity Measured by Divergent Thinking. , 0, , 451-463. | | 3 |
| 4870 | International Cognition and Cancer Task Force Recommendations for Neuroimaging Methods in the Study of Cognitive Impairment in Non-CNS Cancer Patients. Journal of the National Cancer Institute, 2018, 110, 223-231. | 3.0 | 71 |
| 4871 | Comparison of gray matter volume between migraine and "strict-criteria―tension-type headache. Journal of Headache and Pain, 2018, 19, 4. | 2.5 | 47 |
| 4872 | Decoding diagnosis and lifetime consumption in alcohol dependence from greyâ€matter pattern information. Acta Psychiatrica Scandinavica, 2018, 137, 252-262. | 2.2 | 18 |
| 4873 | Altered gray matter volume in primary insomnia patients: a DARTEL-VBM study. Brain Imaging and Behavior, 2018, 12, 1759-1767. | 1.1 | 45 |
| 4874 | A Perceptual Inference Mechanism for Hallucinations Linked to Striatal Dopamine. Current Biology, 2018, 28, 503-514.e4. | 1.8 | 120 |
| 4875 | Same Genes, Different Brains: Neuroanatomical Differences Between Monozygotic Twins Discordant for Musical Training. Cerebral Cortex, 2018, 28, 387-394. | 1.6 | 52 |
| 4876 | Cluster-level statistical inference in fMRI datasets: The unexpected behavior of random fields in high dimensions. Magnetic Resonance Imaging, 2018, 49, 101-115. | 1.0 | 29 |
| 4877 | Gray matter volume of the anterior insular cortex and social networking. Journal of Comparative Neurology, 2018, 526, 1183-1194. | 0.9 | 24 |
| 4878 | Suprathreshold fiber cluster statistics: Leveraging white matter geometry to enhance tractography statistical analysis. NeuroImage, 2018, 171, 341-354. | 2.1 | 26 |
| 4879 | Generating Multi-Purpose Rendered Environments from Unmanned Aerial System Data. , 2018, , . | | 1 |
| 4880 | The Effect of Single-Scan and Scan-Pair Intensity Inhomogeneity Correction Methods on Repeatability of Voxel-Based Morphometry With Multiple Magnetic Resonance Scanners. Journal of Computer Assisted Tomography, 2018, 42, 111-116. | 0.5 | 4 |

| | | CITATION RE | PORT | |
|------|---|---------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 4881 | False positive rates in surface-based anatomical analysis. NeuroImage, 2018, 171, 6-14. | | 2.1 | 177 |
| 4882 | Gray Matter and Functional Connectivity in Anterior Cingulate Cortex are Associated wit of Mental Silence During Sahaja Yoga Meditation. Neuroscience, 2018, 371, 395-406. | h the State | 1.1 | 51 |
| 4883 | Proper name retrieval and structural integrity of cerebral cortex in midlife: A cross-section Brain and Cognition, 2018, 120, 26-33. | nal study. | 0.8 | 8 |
| 4884 | Extrastriatal degeneration correlates with deficits in the motor domain subscales of the I Journal of the Neurological Sciences, 2018, 385, 22-29. | JHDRS. | 0.3 | 5 |
| 4885 | Risk for affective disorders is associated with greater prefrontal gray matter volumes: A p longitudinal study. NeuroImage: Clinical, 2018, 17, 786-793. | prospective | 1.4 | 13 |
| 4886 | Estimates of age-dependent cutoffs for pathological brain volume loss using SIENA/FSLâ longitudinal brain volumetry study in healthy adults. Neurobiology of Aging, 2018, 65, 1- | €"a 6. | 1.5 | 25 |
| 4887 | Reconstruction and Statistical Evaluation of Fossil Brains Using Computational Neuroans , 153-171. | atomy. , 2018, | | 1 |
| 4888 | Age-related changes in baroreflex sensitivity and cardiac autonomic tone in children mirr regional brain gray matter volume trajectories. Pediatric Research, 2018, 83, 498-505. | ored by | 1.1 | 11 |
| 4889 | Multilevel convergence of interoceptive impairments in hypertension: New evidence of d body–brain interactions. Human Brain Mapping, 2018, 39, 1563-1581. | isrupted | 1.9 | 40 |
| 4890 | Altered brain structure in women with premenstrual syndrome. Journal of Affective Disor 229, 239-246. | ders, 2018, | 2.0 | 14 |
| 4891 | Refractive error is associated with intracranial volume. Scientific Reports, 2018, 8, 175. | | 1.6 | 7 |
| 4892 | Neuroanatomical correlates of grit: Growth mindset mediates the association between g structure and trait grit in late adolescence. Human Brain Mapping, 2018, 39, 1688-1699 | ray matter | 1.9 | 69 |
| 4893 | White matter volume loss in amyotrophic lateral sclerosis: A meta-analysis of voxel-based morphometry studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 110-117. | ł 2018, 83, | 2.5 | 21 |
| 4894 | A multiâ€modal, multiâ€atlasâ€based approach for Alzheimer detection via machine lear Journal of Imaging Systems and Technology, 2018, 28, 113-123. | ning. International | 2.7 | 45 |
| 4895 | Posterior cortical atrophy: a single case cognitive and radiological follow-up. Neurocase, 16-30. | 2018, 24, | 0.2 | 2 |
| 4896 | The neural substrates of procrastination: A voxel-based morphometry study. Brain and Co 2018, 121, 11-16. | ognition, | 0.8 | 33 |
| 4897 | Joint Analysis of Cortical Area and Thickness as a Replacement for the Analysis of the Vol Cerebral Cortex. Cerebral Cortex, 2018, 28, 738-749. | ume of the | 1.6 | 92 |
| 4898 | Cortical autonomic network gray matter and sympathetic nerve activity in obstructive sl Sleep, 2018, 41, . | eep apnea. | 0.6 | 31 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4900 | Age-related differences in the neural correlates of empathy for pleasant and unpleasant touch in a female sample. Neurobiology of Aging, 2018, 65, 7-17. | 1.5 | 30 |
| 4901 | Emerging Approaches to Neurocircuits in PTSD and TBI: Imaging the Interplay of Neural and Emotional Trauma. Current Topics in Behavioral Neurosciences, 2018, 38, 163-192. | 0.8 | 15 |
| 4902 | Cerebellum: Anatomy, Physiology, Function, and Evolution. , 2018, , 275-289. | | 4 |
| 4903 | Structural, Functional, and Molecular Neuroimaging in Depression. , 2018, , 131-143. | | 0 |
| 4904 | Imaging Genetics Studies on Susceptibility Genes for Major Depressive Disorder, the Present and the Future. , 2018, , 17-39. | | 0 |
| 4905 | Obligatory and facultative brain regions for voice-identity recognition. Brain, 2018, 141, 234-247. | 3.7 | 30 |
| 4906 | Digital Endocasts. , 2018, , . | | 19 |
| 4907 | Associations of Bcl-2 rs956572 genotype groups in the structural covariance network in early-stage Alzheimer's disease. Alzheimer's Research and Therapy, 2018, 10, 17. | 3.0 | 12 |
| 4908 | Delay discounting mediates the association between posterior insular cortex volume and social media addiction symptoms. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 694-704. | 1.0 | 52 |
| 4909 | BrainMap VBM: An environment for structural metaâ€analysis. Human Brain Mapping, 2018, 39, 3308-3325. | 1.9 | 66 |
| 4910 | Urgent challenges in quantification and interpretation of brain grey matter atrophy in individual MS patients using MRI. NeuroImage: Clinical, 2018, 19, 466-475. | 1.4 | 47 |
| 4911 | Longitudinal Trajectories of Brain Volume and Cortical Thickness in Treated and Untreated Primary Human Immunodeficiency Virus Infection. Clinical Infectious Diseases, 2018, 67, 1697-1704. | 2.9 | 67 |
| 4912 | Multidimensional co-segmentation of longitudinal brain MRI ensembles in the presence of a neurodegenerative process. Neurolmage, 2018, 178, 346-369. | 2.1 | 2 |
| 4913 | Brain changes after spinal cord injury, a quantitative meta-analysis and review. Neuroscience and Biobehavioral Reviews, 2018, 90, 272-293. | 2.9 | 57 |
| 4914 | Alterations of Brain Gray Matter Density and Olfactory Bulb Volume in Patients with Olfactory Loss after Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 2632-2640. | 1.7 | 39 |
| 4915 | Characterization of brain anatomical patterns by comparing region intensity distributions: Applications to the description of Alzheimer's disease. Brain and Behavior, 2018, 8, e00942. | 1.0 | 10 |
| 4916 | Involvement of the central somatosensory system in restless legs syndrome. Neurology, 2018, 90, e1834-e1841. | 1.5 | 23 |
| 4917 | Apathy in Alzheimer's disease and frontotemporal dementia: Distinct clinical profiles and neural correlates. Cortex, 2018, 103, 350-359. | 1.1 | 70 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4918 | The hippocampal network model: A transdiagnostic metaconnectomic approach. NeuroImage: Clinical, 2018, 18, 115-129. | 1.4 | 24 |
| 4919 | Reduced brain volumes in children of women with epilepsy: A neuropsychological and voxel based morphometric analysis in pre-adolescent children. Journal of Neuroradiology, 2018, 45, 380-385. | 0.6 | 8 |
| 4920 | Structural changes in hand related cortical areas after median nerve injury and repair. Scientific Reports, 2018, 8, 4485. | 1.6 | 5 |
| 4921 | Brain Volume Differences Associated With Hearing Impairment in Adults. Trends in Hearing, 2018, 22, 233121651876368. | 0.7 | 25 |
| 4922 | Grey-matter network disintegration as predictor of cognitive and motor function with aging. Brain Structure and Function, 2018, 223, 2475-2487. | 1.2 | 33 |
| 4923 | Looking but not seeing: Increased eye fixations in behavioural-variant frontotemporal dementia. Cortex, 2018, 103, 71-81. | 1.1 | 24 |
| 4924 | Disrupted functional connectivity in primary progressive apraxia of speech. NeuroImage: Clinical, 2018, 18, 617-629. | 1.4 | 36 |
| 4925 | Volume and Connectivity of the Ventral Tegmental Area are Linked to Neurocognitive Signatures of Alzheimer's Disease in Humans. Journal of Alzheimer's Disease, 2018, 63, 167-180. | 1.2 | 75 |
| 4926 | A force profile analysis comparison between functional data analysis, statistical parametric mapping and statistical non-parametric mapping in on-water single sculling. Journal of Science and Medicine in Sport, 2018, 21, 1100-1105. | 0.6 | 37 |
| 4927 | Cognitive Impairment and Structural Abnormalities in Late Life Depression with Olfactory Identification Impairment: an Alzheimer's Disease-Like Pattern. International Journal of Neuropsychopharmacology, 2018, 21, 640-648. | 1.0 | 37 |
| 4928 | The impact of sample size on the reproducibility of voxel-based lesion-deficit mappings. Neuropsychologia, 2018, 115, 101-111. | 0.7 | 67 |
| 4929 | The thalamus in drug addiction: from rodents to humans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170028. | 1.8 | 86 |
| 4930 | Examining stability of independent component analysis based on coefficient and component matrices for voxel-based morphometry of structural magnetic resonance imaging. Cognitive Neurodynamics, 2018, 12, 461-470. | 2.3 | 7 |
| 4931 | Brain gray matter alterations in Chinese patients with chronic knee osteoarthritis pain based on voxel-based morphometry. Medicine (United States), 2018, 97, e0145. | 0.4 | 39 |
| 4932 | Multi-Modality Sparse Representation for Alzheimer's Disease Classification. Journal of Alzheimer's Disease, 2018, 65, 807-817. | 1.2 | 9 |
| 4933 | Nonlinear pattern of the emergence of white matter hyperintensity in healthy Han Chinese: an adult lifespan study. Neurobiology of Aging, 2018, 67, 99-107. | 1.5 | 18 |
| 4934 | Cerebral gray matter volume losses in essential tremor: A case-control study using high resolution tissue probability maps. Parkinsonism and Related Disorders, 2018, 51, 85-90. | 1.1 | 26 |
| 4935 | Mild cognitive impairment disrupts attention network connectivity in Parkinson's disease: A combined multimodal MRI and meta-analytical study. Neuropsychologia, 2018, 112, 105-115. | 0.7 | 31 |

| | | CITATION R | EPORT | |
|------|---|-----------------------|-------|-----------|
| # | Article | | IF | CITATIONS |
| 4936 | Biomarkers for Alzheimerâ \in \mathbb{M} s Disease and Frontotemporal Lobar Degeneration: Imaging | ş. , 2018, , 253-277. | | 0 |
| 4937 | The relationship between cavum septum pellucidum and psychopathic traits in a large fo Neuropsychologia, 2018, 112, 95-104. | rensic sample. | 0.7 | 12 |
| 4938 | Extraction of large-scale structural covariance networks from grey matter volume for Parl disease classification. European Radiology, 2018, 28, 3296-3305. | kinson's | 2.3 | 17 |
| 4939 | MIDAS: Regionally linear multivariate discriminative statistical mapping. NeuroImage, 202 | 18, 174, 111-126. | 2.1 | 15 |
| 4940 | Discriminating schizophrenia and schizo-obsessive disorder: a structural MRI study comb and machine learning methods. Neural Computing and Applications, 2018, 29, 377-387. | | 3.2 | 13 |
| 4941 | Structural brain changes in first episode mania with and without psychosis: Data from th Treatment Optimization Program for Early Mania (STOP-EM). World Journal of Biological 2018, 19, S30-S40. | | 1.3 | 10 |
| 4942 | How to choose the right MR sequence for your research question at 7 T and above?. Neu 168, 119-140. | rolmage, 2018, | 2.1 | 41 |
| 4943 | The effect of age, sex and clinical features on the volume of Corpus Callosum in preâ€sch Autism Spectrum Disorder: a case–control study. European Journal of Neuroscience, 20 | | 1.2 | 29 |
| 4944 | A critical analysis of neuroanatomical software protocols reveals clinically relevant differe parcellation schemes. NeuroImage, 2018, 170, 348-364. | nces in | 2.1 | 22 |
| 4945 | Structural Anatomical Investigation of Long-Term Memory Deficit in Behavioral Frontoter Dementia. Journal of Alzheimer's Disease, 2018, 62, 1887-1900. | nporal | 1.2 | 22 |
| 4946 | Neurobiological Commonalities and Distinctions Among Three Major Psychiatric Diagnos Categories: A Structural MRI Study. Schizophrenia Bulletin, 2018, 44, 65-74. | tic | 2.3 | 70 |
| 4947 | The pathophysiology of episodic cluster headache: Insights from recent neuroimaging res Cephalalgia, 2018, 38, 970-983. | search. | 1.8 | 28 |
| 4948 | Analysis of structural brain MRI and multi-parameter classification for Alzheimer's dis Biomedizinische Technik, 2018, 63, 427-437. | ease. | 0.9 | 18 |
| 4949 | Depressive symptoms in Parkinson's disease are related to decreased left hippocamp correlation with the 15-item shortened version of the Geriatric Depression Scale. Acta Ra 2018, 59, 341-345. | | 0.5 | 18 |
| 4950 | Microstructural white matter brain abnormalities in patients with idiopathic fecal incontin Neurogastroenterology and Motility, 2018, 30, e13164. | nence. | 1.6 | 1 |
| 4951 | Catechol-O-Methyltransferase Val158Met Polymorphism on Striatum Structural Covariar in Alzheimer's Disease. Molecular Neurobiology, 2018, 55, 4637-4649. | ice Networks | 1.9 | 4 |
| 4952 | Structural and Functional Brain Changes at Early and Late Stages of Complex Regional Pa Journal of Pain, 2018, 19, 146-157. | ain Syndrome. | 0.7 | 22 |
| 4953 | Landmark-based deep multi-instance learning for brain disease diagnosis. Medical Image 43, 157-168. | Analysis, 2018, | 7.0 | 302 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 4954 | Generative diffeomorphic modelling of large MRI data sets for probabilistic template construction. NeuroImage, 2018, 166, 117-134. | 2.1 | 29 |
| 4955 | The neural correlates of apathy in schizophrenia: An exploratory investigation. Neuropsychologia, 2018, 118, 34-39. | 0.7 | 9 |
| 4956 | Standardization of Small Animal Imaging—Current Status and Future Prospects. Molecular Imaging and Biology, 2018, 20, 716-731. | 1.3 | 24 |
| 4957 | White-matter microstructure and hearing acuity in older adults: a population-based cross-sectional DTI study. Neurobiology of Aging, 2018, 61, 124-131. | 1.5 | 23 |
| 4958 | Development and Assessment of Fully Automated and Globally Transitive Geometric Morphometric Methods, With Application to a Biological Comparative Dataset With High Interspecific Variation. Anatomical Record, 2018, 301, 636-658. | 0.8 | 25 |
| 4959 | Three shades of grey: detecting brain abnormalities in children with autism using sourceâ€; voxel―and surfaceâ€based morphometry. European Journal of Neuroscience, 2018, 47, 690-700. | 1.2 | 42 |
| 4960 | Neural basis of altered earlier attention and higher order biological motion processing in schizophrenia. Social Neuroscience, 2018, 13, 594-601. | 0.7 | 10 |
| 4961 | Structural Neuroimaging of Anorexia Nervosa: Future Directions in the Quest for Mechanisms Underlying Dynamic Alterations. Biological Psychiatry, 2018, 83, 224-234. | 0.7 | 120 |
| 4962 | Processing of structural neuroimaging data in young children: Bridging the gap between current practice and state-of-the-art methods. Developmental Cognitive Neuroscience, 2018, 33, 206-223. | 1.9 | 50 |
| 4963 | Role of Brain Structure in Predicting Adherence to a Physical Activity Regimen. Psychosomatic Medicine, 2018, 80, 69-77. | 1.3 | 21 |
| 4964 | Compulsivity in opioid dependence. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 333-339. | 2.5 | 22 |
| 4965 | Altered gray matter volume, cerebral blood flow and functional connectivity in chronic stroke patients. Neuroscience Letters, 2018, 662, 331-338. | 1.0 | 18 |
| 4966 | Altered Structure and Intrinsic Functional Connectivity in Post-stroke Aphasia. Brain Topography, 2018, 31, 300-310. | 0.8 | 15 |
| 4967 | A review of the effects of physical activity and sports concussion on brain function and anatomy. International Journal of Psychophysiology, 2018, 132, 167-175. | 0.5 | 13 |
| 4968 | Abnormal gray matter volume and impulsivity in young adults with Internet gaming disorder. Addiction Biology, 2018, 23, 1160-1167. | 1.4 | 38 |
| 4969 | Grey matter volume loss is associated with specific clinical motor signs in Huntington's disease. Parkinsonism and Related Disorders, 2018, 46, 56-61. | 1.1 | 46 |
| 4970 | Progressive Multiple Sclerosis. , 2018, , . | | 1 |
| 4971 | In Vivo Dentate Nucleus Gamma-aminobutyric Acid Concentration in Essential Tremor vs. Controls. Cerebellum, 2018, 17, 165-172. | 1.4 | 26 |

| | | CITATION R | EPORT | |
|------|--|----------------------------------|-------|-----------|
| # | Article | | IF | CITATIONS |
| 4972 | Cortical morphometric changes after spinal cord injury. Brain Research Bulletin, 2018, | 137, 107-119. | 1.4 | 35 |
| 4973 | Genotype-phenotype association study via new multi-task learning model. , 2018, , . | | | 2 |
| 4974 | Regional gray matter volume and structural network strength in somatic vs. non-soma disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 82, | | 2.5 | 12 |
| 4975 | Structural abnormalities and altered regional brain activity in multiple sclerosis with sir cord involvement. British Journal of Radiology, 2018, 91, 20150777. | nple spinal | 1.0 | 4 |
| 4976 | Quantitative MRI provides markers of intra-, inter-regional, and age-related differences cortical microstructure. NeuroImage, 2018, 182, 429-440. | in young adult | 2.1 | 71 |
| 4977 | Brain volume changes in hyposmic patients before and after olfactory training. Laryngo 128, 1531-1536. | oscope, 2018, | 1.1 | 52 |
| 4978 | Olfactory cortex and Olfactory bulb volume alterations in patients with post-infectious loss. Brain Imaging and Behavior, 2018, 12, 1355-1362. | S Olfactory | 1.1 | 63 |
| 4979 | Old Brains Come Uncoupled in Sleep: Slow Wave-Spindle Synchrony, Brain Atrophy, ar Neuron, 2018, 97, 221-230.e4. | nd Forgetting. | 3.8 | 343 |
| 4980 | Selecting the most relevant brain regions to discriminate Alzheimer's disease patients controls using multiple kernel learning: A comparison across functional and structural modalities and atlases. NeuroImage: Clinical, 2018, 17, 628-641. | | 1.4 | 46 |
| 4981 | Higher order thalamic nuclei resting network connectivity in early schizophrenia and m depressive disorder. Psychiatry Research - Neuroimaging, 2018, 272, 7-16. | iajor | 0.9 | 20 |
| 4982 | Sex, Sleep Deprivation, and the Anxious Brain. Journal of Cognitive Neuroscience, 2018 | 3, 30, 565-578. | 1.1 | 38 |
| 4983 | Cortical Abnormalities Associated With Pediatric and Adult Obsessive-Compulsive Disc From the ENIGMA Obsessive-Compulsive Disorder Working Group. American Journal of 2018, 175, 453-462. | order: Findings f Psychiatry, | 4.0 | 197 |
| 4984 | Framework for shape analysis of white matter fiber bundles. NeuroImage, 2018, 167, 4 | 166-477. | 2.1 | 20 |
| 4985 | Amygdala structure and the tendency to regard the social system as legitimate and de Human Behaviour, 2018, 2, 133-138. | sirable. Nature | 6.2 | 28 |
| 4986 | A probabilistic atlas of fiber crossings for variability reduction of anisotropy measures. Structure and Function, 2018, 223, 635-651. | Brain | 1.2 | 24 |
| 4987 | Regional brain gray matter changes in adolescents with single ventricle heart disease. I Letters, 2018, 665, 156-162. | Neuroscience | 1.0 | 13 |
| 4988 | Diagnosis of multiple system atrophy. Autonomic Neuroscience: Basic and Clinical, 20 | 18, 211, 15-25. | 1.4 | 112 |
| 4989 | Diffusion tensor and volumetric magnetic resonance imaging findings in the brains of musicians. Journal of Chemical Neuroanatomy, 2018, 88, 33-40. | professional | 1.0 | 21 |

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| \sim | / | KEI OKI |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 4990 | Disrupted focal white matter integrity in autism spectrum disorder: A voxel-based meta-analysis of diffusion tensor imaging studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 82, 242-248. | 2.5 | 47 |
| 4991 | Discovery and visualization of structural biomarkers from MRI using transport-based morphometry. NeuroImage, 2018, 167, 256-275. | 2.1 | 21 |
| 4992 | Pattern recognition of magnetic resonance imaging-based gray matter volume measurements classifies bipolar disorder and major depressive disorder. Journal of Affective Disorders, 2018, 227, 498-505. | 2.0 | 60 |
| 4993 | Neuroanatomical correlates of time perspective: A voxel-based morphometry study. Behavioural Brain Research, 2018, 339, 255-260. | 1.2 | 13 |
| 4994 | Association of Brain Structure Changes and Cognitive Function With Combination Antiretroviral Therapy in HIV-Positive Individuals. JAMA Neurology, 2018, 75, 72. | 4.5 | 94 |
| 4995 | Right Brodmann area 18 predicts tremor arrest after Vim radiosurgery: a voxel-based morphometry study. Acta Neurochirurgica, 2018, 160, 603-609. | 0.9 | 24 |
| 4996 | Corticostriatal signatures of schadenfreude: evidence from Huntington's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 112-116. | 0.9 | 29 |
| 4997 | Impact of video games on plasticity of the hippocampus. Molecular Psychiatry, 2018, 23, 1566-1574. | 4.1 | 80 |
| 4998 | Geometric approach to detecting volumetric changes in medical images. Journal of Computational and Applied Mathematics, 2018, 329, 37-50. | 1.1 | 9 |
| 4999 | Significant Anatomy Detection Through Sparse Classification: A Comparative Study. IEEE Transactions on Medical Imaging, 2018, 37, 128-137. | 5.4 | 6 |
| 5000 | Episodic future thinking and future-based decision-making in a case of retrograde amnesia. Neuropsychologia, 2018, 110, 92-103. | 0.7 | 11 |
| 5001 | Microstructural Alterations in the Brains of Adults With Prelingual Sensorineural Hearing Loss: a Diffusion Kurtosis Imaging Study. Otology and Neurotology, 2018, 39, e936-e943. | 0.7 | 3 |
| 5002 | Lingual Gyrus Surface Area Is Associated with Anxiety-Depression Severity in Young Adults: A Genetic Clustering Approach. ENeuro, 2018, 5, ENEURO.0153-17.2017. | 0.9 | 28 |
| 5003 | Estimating diffeomorphic mappings between templates and noisy data: Variance bounds on the estimated canonical volume form. Quarterly of Applied Mathematics, 2018, 77, 467-488. | 0.5 | 5 |
| 5004 | Fast Multi-Task SCCA Learning with Feature Selection for Multi-Modal Brain Imaging Genetics. , 2018, 2018, 356-361. | | 13 |
| 5005 | A Cognitive Ensemble Classifier based on Risk Sensitive Hinge Loss Function for Alzheimer's Disease diagnosis in early stages. , 2018, , . | | 1 |
| 5006 | Altered Gray Matter Volume and Its Correlation With PTSD Severity in Chinese Earthquake Survivors. Frontiers in Psychiatry, 2018, 9, 629. | 1.3 | 9 |
| 5007 | Altered whole-brain gray matter volume in primary angle closure glaucoma patients. NeuroReport, 2018, 29, 1405-1412. | 0.6 | 10 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5008 | Alteration of Brain Structure With Long-Term Abstinence of Methamphetamine by Voxel-Based Morphometry. Frontiers in Psychiatry, 2018, 9, 722. | 1.3 | 11 |
| 5009 | Combining Segmented Grey and White Matter Images Improves Voxel-based Morphometry for the Case of Dilated Lateral Ventricles. Magnetic Resonance in Medical Sciences, 2018, 17, 293-300. | 1.1 | 10 |
| 5010 | Alterations of Sub-cortical Gray Matter Volume and Their Associations With Disease Duration in Patients With Restless Legs Syndrome. Frontiers in Neurology, 2018, 9, 1098. | 1.1 | 10 |
| 5011 | The Properties of The Intensity-Curvature Measurement Approaches: Applications In Magnetic Resonance Imaging of The Human Brain. Journal of Institute of Science and Technology, 2018, 22, 19-31. | 0.2 | 2 |
| 5013 | Fast Non-local Means Denoising for MR Image Sequences. , 2018, , . | | 1 |
| 5014 | A Multi-modal Convolutional Neural Network Framework for the Prediction of Alzheimer's Disease. , 2018, 2018, 1271-1274. | | 34 |
| 5015 | Vestibulo-Hippocampal Function Is Enhanced and Brain Structure Altered in Professional Ballet Dancers. Frontiers in Integrative Neuroscience, 2018, 12, 50. | 1.0 | 12 |
| 5016 | Neuroscience, Brain Imaging, and Body Image in Eating and Weight Disorders. , 2018, , 97-111. | | 5 |
| 5017 | The hippocampus underlies the association between self-esteem and physical health. Scientific Reports, 2018, 8, 17141. | 1.6 | 16 |
| 5018 | How right hemisphere damage after stroke can impair speech comprehension. Brain, 2018, 141, 3389-3404. | 3.7 | 53 |
| 5019 | Imaging Biomarkers for the Diagnosis and Prognosis of Neurodegenerative Diseases. The Example of Amyotrophic Lateral Sclerosis. Frontiers in Neuroscience, 2018, 12, 784. | 1.4 | 35 |
| 5020 | Blood-based bioenergetic profiling is related to differences in brain morphology in African Americans with Type 2 diabetes. Clinical Science, 2018, 132, 2509-2518. | 1.8 | 9 |
| 5021 | Identification of Cortical and Subcortical Correlates of Cognitive Performance in Multiple Sclerosis Using Voxel-Based Morphometry. Frontiers in Neurology, 2018, 9, 920. | 1.1 | 31 |
| 5022 | Progression of Structural Brain Changes in Patients With Chronic Pancreatitis and Its Association to Chronic Pain. Pancreas, 2018, 47, 1267-1276. | 0.5 | 15 |
| 5023 | Recent advances in diffusion neuroimaging: applications in the developing preterm brain. F1000Research, 2018, 7, 1326. | 0.8 | 45 |
| 5024 | Altered Brain Structure and Functional Connectivity of Primary Visual Cortex in Optic Neuritis. Frontiers in Human Neuroscience, 2018, 12, 473. | 1.0 | 7 |
| 5025 | An Unsupervised Learning Model for Deformable Medical Image Registration. , 2018, , . | | 414 |
| 5026 | Frequent lucid dreaming associated with increased functional connectivity between frontopolar cortex and temporoparietal association areas. Scientific Reports, 2018, 8, 17798. | 1.6 | 27 |

ARTICLE IF CITATIONS Functional and Structural Plasticity of Brain in Elite Karate Athletes. Journal of Healthcare 5027 1.1 12 Engineering, 2018, 2018, 1-8. A Comparative Atlas-Based Recognition of Mild Cognitive Impairment With Voxel-Based Morphometry. 5028 1.4 Frontiers in Neuroscience, 2018, 12, 916. Association of Retinal Nerve Fiber Layer Thickness With Brain Alterations in the Visual and Limbic 5029 2.8 35 Networks in Elderly Adults Without Dementia. JAMA Network Open, 2018, 1, e184406. Multiplex Networks for Early Diagnosis of Alzheimer's Disease. Frontiers in Aging Neuroscience, 2018, 10, 365. Patterns of Cerebellar Gray Matter Atrophy Across Alzheimer's Disease Progression. Frontiers in 5031 1.8 48 Cellular Neuroscience, 2018, 12, 430. Structural Magnetic Resonance Imaging in Huntington's Disease. International Review of Neurobiology, 2018, 142, 335-380. No regional gray matter volume reduction observed in young Japanese people at ultra-high risk for 5033 0.9 9 psychosis: A voxel-based morphometry study. Asian Journal of Psychiatry, 2018, 37, 167-171. The morphology of the human cerebrovascular system. Human Brain Mapping, 2018, 39, 4962-4975. 1.9 5034 78 Cognition-related white matter integrity dysfunction in Alzheimer's disease with diffusion tensor 5035 1.4 17 image. Brain Research Bulletin, 2018, 143, 207-216. Functional and Structural Brain Damage in Friedreich's Ataxia. Frontiers in Neurology, 2018, 9, 747. 1.1 Synthesizing Missing PET from MRI with Cycle-consistent Generative Adversarial Networks for 5037 1.0 80 Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2018, 11072, 455-463. Structural Imaging in Atypical Parkinsonism. International Review of Neurobiology, 2018, 142, 67-148. 5038 0.9 Mapping individual voxel-wise morphological connectivity using wavelet transform of voxel-based 5039 1.1 10 morphology. PLoS ONE, 2018, 13, e0201243. Structural change of thalamus in cirrhotic patients with or without minimal hepatic encephalopathy and the relationship between thalamus volume and clinical indexes related to cirrhosis. Neurolmage: 5040 1.4 Clinical, 2018, 20, 800-807. Longitudinal Progression Markers of Parkinson's Disease: Current View on Structural Imaging. 5041 2.0 21 Current Neurology and Neuroscience Reports, 2018, 18, 83. Unique degeneration signatures in the cerebellar cortex for spinocerebellar ataxias 2, 3, and 7. 5042 1.4 24 NeuroImage: Clinical, 2018, 20, 931-938. Anatomical Templates of the Midbrain Ventral Tegmental Area and Substantia Nigra for Asian 5043 1.39 Populations. Frontiers in Psychiatry, 2018, 9, 383. Voxel-wise deviations from healthy aging for the detection of region-specific atrophy. NeuroImage: 5044 1.4 Clinical, 2018, 20, 851-860.

| | CHANON | | |
|------|--|------|-----------|
| # | Article | IF | CITATIONS |
| 5045 | Basal ganglia and cerebellar pathology in X-linked dystonia-parkinsonism. Brain, 2018, 141, 2995-3008. | 3.7 | 41 |
| 5046 | Magnetic resonance imaging does not reveal structural alterations in the brain of grapheme-color synesthetes. PLoS ONE, 2018, 13, e0194422. | 1.1 | 10 |
| 5047 | Unraveling connectivity changes due to dopaminergic therapy in chronically treated Parkinson's disease patients. Scientific Reports, 2018, 8, 14328. | 1.6 | 18 |
| 5048 | Effects of tumor necrosis factor- \hat{l} ± polymorphism on the brain structural changes of the patients with major depressive disorder. Translational Psychiatry, 2018, 8, 217. | 2.4 | 25 |
| 5049 | Comprehensive MRI quantification of the substantia nigra pars compacta in Parkinson's disease. European Journal of Radiology, 2018, 109, 48-56. | 1.2 | 36 |
| 5050 | The charm of structural neuroimaging in insanity evaluations: guidelines to avoid misinterpretation of the findings. Translational Psychiatry, 2018, 8, 227. | 2.4 | 21 |
| 5051 | Structural and Functional MRI in Familial Parkinson's Disease. International Review of Neurobiology, 2018, 142, 261-287. | 0.9 | 4 |
| 5052 | Systematic Assessment of Multispectral Voxel-Based Morphometry in Previously MRI-Negative Focal Epilepsy. American Journal of Neuroradiology, 2018, 39, 2014-2021. | 1.2 | 17 |
| 5053 | Structural Plasticity of the Primary and Secondary Olfactory cortices: Increased Gray Matter Volume Following Surgical Treatment for Chronic Rhinosinusitis. Neuroscience, 2018, 395, 22-34. | 1.1 | 12 |
| 5054 | The LURN Research Network Neuroimaging and Sensory Testing (NIST) Study: Design, protocols, and operations. Contemporary Clinical Trials, 2018, 74, 76-87. | 0.8 | 7 |
| 5055 | Trajectories of Brain Lactate and Re-visited Oxygen-Glucose Index Calculations Do Not Support Elevated Non-oxidative Metabolism of Glucose Across Childhood. Frontiers in Neuroscience, 2018, 12, 631. | 1.4 | 12 |
| 5056 | Regional White Matter Hyperintensity Influences Grey Matter Atrophy in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2018, 66, 533-549. | 1.2 | 28 |
| 5057 | Readability of the 100 Most-Cited Neuroimaging Papers Assessed by Common Readability Formulae. Frontiers in Human Neuroscience, 2018, 12, 308. | 1.0 | 26 |
| 5058 | A Tetrahedron-Based Heat Flux Signature for Cortical Thickness Morphometry Analysis. Lecture Notes in Computer Science, 2018, 11072, 420-428. | 1.0 | 9 |
| 5059 | Associations between polygenic risk scores for four psychiatric illnesses and brain structure using multivariate pattern recognition. NeuroImage: Clinical, 2018, 20, 1026-1036. | 1.4 | 43 |
| 5060 | Neurogenetic contributions to amyloid beta and tau spreading in the human cortex. Nature Medicine, 2018, 24, 1910-1918. | 15.2 | 135 |
| 5061 | Atrophy, metabolism and cognition in the posterior cortical atrophy spectrum based on Alzheimer's disease cerebrospinal fluid biomarkers. NeuroImage: Clinical, 2018, 20, 1018-1025. | 1.4 | 21 |
| 5062 | Volumetric gray matter measures of amygdala and accumbens in childhood overweight/obesity. PLoS ONE, 2018, 13, e0205331. | 1.1 | 32 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5063 | Decentralized Analysis of Brain Imaging Data: Voxel-Based Morphometry and Dynamic Functional Network Connectivity. Frontiers in Neuroinformatics, 2018, 12, 55. | 1.3 | 16 |
| 5064 | Microstructural White Matter Abnormalities and Cognitive Impairment After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2018, 49, 2040-2045. | 1.0 | 26 |
| 5065 | Progressive Compromise of Nouns and Action Verbs in Posterior Cortical Atrophy. Frontiers in Psychology, 2018, 9, 1345. | 1.1 | 10 |
| 5066 | Adaptive fusion of texture-based grading for Alzheimer's disease classification. Computerized Medical Imaging and Graphics, 2018, 70, 8-16. | 3.5 | 44 |
| 5067 | Examining the Relationship Between Neurosteroids, Cognition, and Menopause With Neuroimaging Methods. Current Psychiatry Reports, 2018, 20, 96. | 2.1 | 7 |
| 5068 | A statistical region selection and randomized volumetric features selection framework for early detection of Alzheimer's disease. International Journal of Imaging Systems and Technology, 2018, 28, 302-314. | 2.7 | 12 |
| 5069 | Evaluation of mutant huntingtin and neurofilament proteins as potential markers in Huntington's disease. Science Translational Medicine, 2018, 10, . | 5.8 | 134 |
| 5070 | Changes in the regional shape and volume of subcortical nuclei in patients with tinnitus comorbid with mild hearing loss. Neuroradiology, 2018, 60, 1203-1211. | 1.1 | 25 |
| 5071 | Advances in MRI Methodology. International Review of Neurobiology, 2018, 141, 31-76. | 0.9 | 124 |
| 5072 | Quantitative trait loci identification for brain endophenotypes via new additive model with random networks. Bioinformatics, 2018, 34, i866-i874. | 1.8 | 11 |
| 5073 | A new look at painful diabetic neuropathy. Diabetes Research and Clinical Practice, 2018, 144, 177-191. | 1.1 | 112 |
| 5074 | Detection and Distinction of Mild Brain Injury Effects in a Ferret Model Using Diffusion Tensor MRI (DTI) and DTI-Driven Tensor-Based Morphometry (D-TBM). Frontiers in Neuroscience, 2018, 12, 573. | 1.4 | 15 |
| 5075 | Quantitative MRI of rostral spinal cord and brain regions is predictive of functional recovery in acute spinal cord injury. NeuroImage: Clinical, 2018, 20, 556-563. | 1.4 | 46 |
| 5076 | A systematic review of structural MRI biomarkers in autism spectrum disorder: A machine learning perspective. International Journal of Developmental Neuroscience, 2018, 71, 68-82. | 0.7 | 102 |
| 5077 | Cognitive decline and white matter changes in mesial temporal lobe epilepsy. Medicine (United States), 2018, 97, e11803. | 0.4 | 9 |
| 5078 | Decreased Gray Matter Volume of Cuneus and Lingual Gyrus in Schizophrenia Patients with Tardive Dyskinesia is Associated with Abnormal Involuntary Movement. Scientific Reports, 2018, 8, 12884. | 1.6 | 19 |
| 5079 | Neural correlates of changes in sexual function in frontotemporal dementia: implications for reward and physiological functioning. Journal of Neurology, 2018, 265, 2562-2572. | 1.8 | 14 |
| 5080 | The neural circuitry of restricted repetitive behavior: Magnetic resonance imaging in neurodevelopmental disorders and animal models. Neuroscience and Biobehavioral Reviews, 2018, 92, 152-171. | 2.9 | 54 |

| # 5081 | ARTICLE Meditation-induced neuroplastic changes of the prefrontal network are associated with reduced valence perception in older people. Brain and Neuroscience Advances, 2018, 2, 239821281877182. | IF 1.8 | Citations |
|-----------|--|-----------|-----------|
| 5082 | Construction of population-specific Indian MRI brain template: Morphometric comparison with Chinese and Caucasian templates. Asian Journal of Psychiatry, 2018, 35, 93-100. | 0.9 | 16 |
| 5083 | Cortical Thickness Alterations in Chronic Pain Disorder: An Exploratory MRI Study. Psychosomatic Medicine, 2018, 80, 592-598. | 1.3 | 13 |
| 5084 | Integrating spatial-anatomical regularization and structure sparsity into SVM: Improving interpretation of Alzheimer's disease classification. NeuroImage, 2018, 178, 445-460. | 2.1 | 49 |
| 5085 | Complex networks reveal early MRI markers of Parkinson's disease. Medical Image Analysis, 2018, 48, 12-24. | 7.0 | 112 |
| 5086 | Voxelâ€based morphometry in creative writers: Grey matter increase in a prefrontoâ€thalamicâ€cerebellar network. European Journal of Neuroscience, 2018, 48, 1647-1653. | 1.2 | 13 |
| 5087 | Magnetic Resonance Imaging in Huntington's Disease. Methods in Molecular Biology, 2018, 1780, 303-328. | 0.4 | 2 |
| 5088 | Imaging studies of the HIV-infected brain. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 152, 229-264. | 1.0 | 42 |
| 5089 | Beyond volume: A surface-based approach to bilingualism-induced grey matter changes. Neuropsychologia, 2018, 117, 1-7. | 0.7 | 8 |
| 5090 | Determination of Imaging Biomarkers to Decipher Disease Trajectories and Differential Diagnosis of Neurodegenerative Diseases (DIsease TreND). Journal of Neuroscience Methods, 2018, 305, 105-116. | 1.3 | 16 |
| 5091 | A multivariate lesion symptom mapping toolbox and examination of lesionâ€volume biases and correction methods in lesionâ€symptom mapping. Human Brain Mapping, 2018, 39, 4169-4182. | 1.9 | 123 |
| 5092 | Evaluation of methods for volumetric analysis of pediatric brain data: The childmetrix pipeline versus adult-based approaches. NeuroImage: Clinical, 2018, 19, 734-744. | 1.4 | 9 |
| 5093 | Cortical thickness analysis in operculo-insular epilepsy. NeuroImage: Clinical, 2018, 19, 727-733. | 1.4 | 7 |
| 5094 | Test-retest variability of resting-state networks in healthy aging and prodromal Alzheimer's disease. NeuroImage: Clinical, 2018, 19, 948-962. | 1.4 | 24 |
| 5095 | Assault-related self-blame and its association with PTSD in sexually assaulted women: an MRI inquiry. Social Cognitive and Affective Neuroscience, 2018, 13, 775-784. | 1.5 | 11 |
| 5096 | Morphological Biomarker Differentiating MCI Converters from Nonconverters: Longitudinal Evidence Based on Hemispheric Asymmetry. Behavioural Neurology, 2018, 2018, 1-9. | 1.1 | 17 |
| 5097 | Neuroanatomical Alterations in Patients with Early Stage of Unilateral Pulsatile Tinnitus: A Voxel-Based Morphometry Study. Neural Plasticity, 2018, 2018, 1-7. | 1.0 | 21 |
| 5098 | Brain Processing of Gastrointestinal Sensory Signaling. , 2018, , 373-385. | | 1 |

| # | Article | IF | Citations |
|-----------|---|-----|-----------|
| " 5099 | Altered Structural and Functional Connectivity of Juvenile Myoclonic Epilepsy: An fMRI Study. Neural Plasticity, 2018, 2018, 1-12. | 1.0 | 38 |
| 5100 | Changes in brain architecture are consistent with altered fear processing in domestic rabbits. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7380-7385. | 3.3 | 45 |
| 5102 | Structural Hemispheric Asymmetries. , 2018, , 239-262. | | 22 |
| 5103 | Nonlinear neuroplasticity corresponding to sports experience: A voxelâ€based morphometry and restingâ€state functional connectivity study. Human Brain Mapping, 2018, 39, 4393-4403. | 1.9 | 14 |
| 5104 | Within-subject test-retest reliability of the atlas-based cortical volume measurement in the rat brain: A voxel-based morphometry study. Journal of Neuroscience Methods, 2018, 307, 46-52. | 1.3 | 10 |
| 5105 | Impact of frequency of internet use on development of brain structures and verbal intelligence: Longitudinal analyses. Human Brain Mapping, 2018, 39, 4471-4479. | 1.9 | 49 |
| 5106 | Verbal Paired Associates and the Hippocampus: The Role of Scenes. Journal of Cognitive Neuroscience, 2018, 30, 1821-1845. | 1.1 | 27 |
| 5107 | The cerebral metabolic topography of spinocerebellar ataxia type 3. NeuroImage: Clinical, 2018, 19, 90-97. | 1.4 | 25 |
| 5108 | Registration-based methods applied to serial high-resolution T1-weighted magnetic resonance imaging for the assessment of brain volume changes in anorexia nervosa of the restricting type. Psychiatry Research - Neuroimaging, 2018, 279, 14-18. | 0.9 | 1 |
| 5109 | Differential Age-Related Changes in Structural Covariance Networks of Human Anterior and Posterior Hippocampus. Frontiers in Physiology, 2018, 9, 518. | 1.3 | 16 |
| 5110 | Plasticity and Susceptibility of Brain Morphometry Alterations to Insufficient Sleep. Frontiers in Psychiatry, 2018, 9, 266. | 1.3 | 47 |
| 5111 | Cerebellar Structural Abnormalities Associated With Cognitive Function in Patients With First-Episode Psychosis. Frontiers in Psychiatry, 2018, 9, 286. | 1.3 | 23 |
| 5112 | Fragility and volatility of structural hubs in the human connectome. Nature Neuroscience, 2018, 21, 1107-1116. | 7.1 | 93 |
| 5113 | Single-word comprehension deficits in the nonfluent variant of primary progressive aphasia. Alzheimer's Research and Therapy, 2018, 10, 68. | 3.0 | 16 |
| 5114 | Associations between low circulatory low-density lipoprotein cholesterol level and brain health in non-stroke non-demented subjects. NeuroImage, 2018, 181, 627-634. | 2.1 | 15 |
| 5115 | Structural brain imaging in Alzheimer's disease and mild cognitive impairment: biomarker analysis and shared morphometry database. Scientific Reports, 2018, 8, 11258. | 1.6 | 106 |
| 5116 | Investigation into local white matter abnormality in emotional processing and sensorimotor areas using an automatically annotated fiber clustering in major depressive disorder. NeuroImage, 2018, 181, 16-29. | 2.1 | 34 |
| 5117 | Measurements of theÂInsula Volume Using MRI. , 2018, , 101-111. | | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5118 | Pattern of neural divergence in adults with prelingual deafness: Based on structural brain analysis. Brain Research, 2018, 1701, 58-63. | 1.1 | 13 |
| 5119 | Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. Frontiers in Neurology, 2018, 9, 539. | 1.1 | 64 |
| 5120 | Prenatal stress and the developing brain: Risks for neurodevelopmental disorders. Development and Psychopathology, 2018, 30, 743-762. | 1.4 | 110 |
| 5121 | Altered neural signatures of interoception in multiple sclerosis. Human Brain Mapping, 2018, 39, 4743-4754. | 1.9 | 51 |
| 5122 | Age-Modulated Associations between KIBRA, Brain Volume, and Verbal Memory among Healthy Older Adults. Frontiers in Aging Neuroscience, 2017, 9, 431. | 1.7 | 10 |
| 5123 | Brain Structure Alterations in Respect to Tobacco Consumption and Nicotine Dependence: A Comparative Voxel-Based Morphometry Study. Frontiers in Neuroanatomy, 2018, 12, 43. | 0.9 | 24 |
| 5124 | Brain Structural and Functional Substrates of Personal Distress in Empathy. Frontiers in Behavioral Neuroscience, 2018, 12, 99. | 1.0 | 10 |
| 5125 | Cortical and Subcortical Alterations in Medication Overuse Headache. Frontiers in Neurology, 2018, 9, 499. | 1.1 | 14 |
| 5126 | Brain Atrophy and Reorganization of Structural Network in Parkinson's Disease With Hemiparkinsonism. Frontiers in Human Neuroscience, 2018, 12, 117. | 1.0 | 25 |
| 5127 | Effects of Gradient Coil Noise and Gradient Coil Replacement on the Reproducibility of Resting State Networks. Frontiers in Human Neuroscience, 2018, 12, 148. | 1.0 | 3 |
| 5128 | Distinguishing Adolescents With Conduct Disorder From Typically Developing Youngsters Based on Pattern Classification of Brain Structural MRI. Frontiers in Human Neuroscience, 2018, 12, 152. | 1.0 | 24 |
| 5129 | A Bayesian Spatial Model to Predict Disease Status Using Imaging Data From Various Modalities. Frontiers in Neuroscience, 2018, 12, 184. | 1.4 | 6 |
| 5130 | Changes of Visual Pathway and Brain Connectivity in Glaucoma: A Systematic Review. Frontiers in Neuroscience, 2018, 12, 363. | 1.4 | 60 |
| 5131 | Exome Chip Analysis Identifies Low-Frequency and Rare Variants in <i>MRPL38</i> for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. Stroke, 2018, 49, 1812-1819. | 1.0 | 17 |
| 5132 | Neuroimaging in Atypical Parkinsonian Disorders. Neurographics, 2018, 8, 154-166. | 0.2 | 1 |
| 5133 | Brain correlates of adult attachment style: A voxel-based morphometry study. Brain Research, 2018, 1699, 34-43. | 1.1 | 13 |
| 5134 | Prosodic and phonetic subtypes of primary progressive apraxia of speech. Brain and Language, 2018, 184, 54-65. | 0.8 | 106 |
| 5135 | Distinct [18F]THK5351 binding patterns in primary progressive aphasia variants. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2342-2357. | 3.3 | 16 |

ARTICLE IF CITATIONS # Exploring the contribution of visual imagery to scene construction – Evidence from Posterior 5136 29 1.1 Cortical Atrophy. Cortex, 2018, 106, 261-274. Supervoxels-Based Histon as a New Alzheimer's Disease Imaging Biomarker. Sensors, 2018, 18, 1752. 2.1 Evaluation of gray matter perfusion in episodic migraine using voxel-wise comparison of 3D 5138 2.516 pseudo-continuous arterial spin labeling. Journal of Headache and Pain, 2018, 19, 36. Longitudinal Genotype–Phenotype Association Study through Temporal Structure Auto-Learning 0.8 Predictive Model. Journal of Computational Biology, 2018, 25, 809-824. Stepwise occlusion of the carotid arteries of the rat: MRI assessment of the effect of donepezil and 5140 hypoperfusion-induced brain atrophy and white matter microstructural changes. PLoS ONE, 2018, 13, 1.1 12 e0198265. Neurobiological Correlates in Internet Gaming Disorder: A Systematic Literature Review. Frontiers in Psychiatry, 2018, 9, 166. 5141 1.3 Cerebellar atrophy and its contribution to cognition in frontotemporal dementias. Annals of 5142 2.8 48 Neurology, 2018, 84, 98-109. Quantitative MRI evaluation of glaucomatous changes in the visual pathway. PLoS ONE, 2018, 13, 5143 1.1 e0197027. Progressive Ventricles Enlargement and Cerebrospinal Fluid Volume Increases as a Marker of 5144 Neurodegeneration in Patients with Spinal Cord Injury: A Longitudinal Magnetic Resonance Imaging 22 1.7 Study. Journal of Neurotrauma, 2018, 35, 2941-2946. Magnetic Resonance Image Texture Analysis of the Periaqueductal Gray Matter in Episodic Migraine 5145 1.5 Patients without T2-Visible Lesions. Korean Journal of Radiology, 2018, 19, 85. Grey matter volume in healthy and epileptic beagles using voxel-based morphometry – a pilot study. 7 5146 0.7 BMĆ Veterinary Research, 2018, 14, 50. Statistical features and voxel-based morphometry for alzheimer's disease classification., 2018, , . 5147 Assessing brain volume changes in older women with breast cancer receiving adjuvant chemotherapy: 5148 2.2 33 a brain magnetic resonance imaging pilot study. Breast Cancer Research, 2018, 20, 38. Effects of disease modifying therapies on brain and grey matter atrophy in relapsing remitting multiple 5149 1.1 sclerosis. Multiple Sclerosis and Demyelinating Disorders, 2018, 3, . Differential contributions of cortical thickness and surface area to trait impulsivity in healthy young 5150 1.2 15 adults. Behavioural Brain Research, 2018, 350, 65-71. Magnetic resonance imaging relaxation time in Alzheimer's disease. Brain Research Bulletin, 2018, 140, 1.4 34 176-189. Statistical Structural Analysis of Familial Spontaneous Epileptic Cats Using Voxel-Based 5152 0.9 4 Morphometry. Frontiers in Veterinary Science, 2018, 5, 172. On the Usage of Brain Atlases in Neuroimaging Research. Molecular Imaging and Biology, 2018, 20, 1.3 28 742-749.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5154 | Structural neuroimaging as clinical predictor: A review of machine learning applications. NeuroImage: Clinical, 2018, 20, 506-522. | 1.4 | 131 |
| 5155 | Brain MRI analysis for Alzheimer's disease diagnosis using an ensemble system of deep convolutional neural networks. Brain Informatics, 2018, 5, 2. | 1.8 | 254 |
| 5156 | Evaluating combinations of diagnostic tests to discriminate different dementia types. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 509-518. | 1.2 | 19 |
| 5157 | Accelerated repetitive transcranial magnetic stimulation does not influence grey matter volumes in regions related to alcohol relapse: An open-label exploratory study. Drug and Alcohol Dependence, 2018, 191, 210-214. | 1.6 | 12 |
| 5159 | Identifying stage of Alzheimer disease using multiclass particle swarm optimisation technique. Journal of Experimental and Theoretical Artificial Intelligence, 2018, 30, 911-925. | 1.8 | 4 |
| 5160 | A functional limitation to the lower limbs affects the neural bases of motor imagery of gait. NeuroImage: Clinical, 2018, 20, 177-187. | 1.4 | 14 |
| 5161 | Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. Cell Reports, 2018, 24, 1865-1879.e9. | 2.9 | 101 |
| 5162 | The effects of synthetic cannabinoids (SCs) on brain structure and function. European Neuropsychopharmacology, 2018, 28, 1047-1057. | 0.3 | 35 |
| 5163 | A Pilot Study Investigating a Novel Non-Linear Measure of Eyes Open versus Eyes Closed EEG Synchronization in People with Alzheimer's Disease and Healthy Controls. Brain Sciences, 2018, 8, 134. | 1.1 | 29 |
| 5164 | Bullying at Workplace and Brain-Imaging Correlates. Journal of Clinical Medicine, 2018, 7, 200. | 1.0 | 5 |
| 5165 | Modeling Transcranial Direct-Current Stimulation-Induced Electric Fields in Children and Adults. Frontiers in Human Neuroscience, 2018, 12, 268. | 1.0 | 52 |
| 5166 | The hippocampal longitudinal axis—relevance for underlying tau and TDP-43 pathology. Neurobiology of Aging, 2018, 70, 1-9. | 1.5 | 21 |
| 5167 | A comparison of various MRI feature types for characterizing whole brain anatomical differences using linear pattern recognition methods. NeuroImage, 2018, 178, 753-768. | 2.1 | 33 |
| 5169 | Up-regulation of DMN Connectivity in Mild Cognitive Impairment Via Network-based Cognitive Training. Current Alzheimer Research, 2018, 15, 578-589. | 0.7 | 22 |
| 5170 | Sleep apnoea in the asymptomatic elderly: a real issue for the brain?. European Respiratory Journal, 2018, 51, 1702450. | 3.1 | 6 |
| 5171 | The right occipital lobe and poor insight in first-episode psychosis. PLoS ONE, 2018, 13, e0197715. | 1.1 | 16 |
| 5172 | Neuroimaging in Ataxias. , 2018, , 215-232. | | 3 |
| 5173 | The Neuroimaging of Brain Diseases. Contemporary Clinical Neuroscience, 2018, , . | 0.3 | 1 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5174 | Age of gray matters: Neuroprediction of recidivism. NeuroImage: Clinical, 2018, 19, 813-823. | 1.4 | 32 |
| 5175 | Regionally discriminative multivariate statistical mapping. , 2018, , . | | 1 |
| 5176 | Early detection of Parkinson's disease through multimodal features using machine learning approaches. International Journal of Signal and Imaging Systems Engineering, 2018, 11, 31. | 0.6 | 6 |
| 5177 | Gray matter volume modifications in migraine. Neurology, 2018, 91, e280-e292. | 1.5 | 49 |
| 5178 | White matter alterations in Parkinson's disease with normal cognition precede grey matter atrophy. PLoS ONE, 2018, 13, e0187939. | 1.1 | 57 |
| 5179 | Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. PLoS ONE, 2018, 13, e0191946. | 1.1 | 20 |
| 5180 | A withinâ€subject consideration of the psychotic spectrum disorder concept in a patient in remission associated with cortical gray matter recovery. CNS Neuroscience and Therapeutics, 2018, 24, 641-651. | 1.9 | 6 |
| 5181 | Chronotype differences in cortical thickness: grey matter reflects when you go to bed. Brain Structure and Function, 2018, 223, 3411-3421. | 1.2 | 18 |
| 5182 | Detection of Lesions in Mesial Temporal Lobe Epilepsy by Using MR Fingerprinting. Radiology, 2018, 288, 804-812. | 3.6 | 60 |
| 5183 | Linguistic immersion and structural effects on the bilingual brain: a longitudinal study. Bilingualism, 2019, 22, 1160-1175. | 1.0 | 53 |
| 5184 | Aberrant Prefrontal–Thalamic–Cerebellar Circuit in Schizophrenia and Depression: Evidence From a Possible Causal Connectivity. International Journal of Neural Systems, 2019, 29, 1850032. | 3.2 | 45 |
| 5185 | Effect of Region of Interest Size on the Repeatability of Quantitative Brain Imaging Biomarkers. IEEE Transactions on Biomedical Engineering, 2019, 66, 864-872. | 2.5 | 16 |
| 5186 | Brain Structure Covariance Associated With Gait Control in Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 705-713. | 1.7 | 41 |
| 5188 | An efficient classification approach for detection of Alzheimer's disease from biomedical imaging modalities. Multimedia Tools and Applications, 2019, 78, 12883-12915. | 2.6 | 19 |
| 5189 | The relationship between cavum septum pellucidum and psychopathic traits in female offenders. Behavioural Brain Research, 2019, 359, 967-972. | 1.2 | 8 |
| 5190 | Multivoxel pattern analysis of structural MRI in children and adolescents with conduct disorder. Brain Imaging and Behavior, 2019, 13, 1273-1280. | 1.1 | 17 |
| 5191 | Structural and functional abnormality of the putamen in children with developmental dyslexia. Neuropsychologia, 2019, 130, 26-37. | 0.7 | 29 |
| 5192 | Imaging neurodegeneration in Down syndrome: brain templates for amyloid burden and tissue segmentation. Brain Imaging and Behavior, 2019, 13, 345-353. | 1.1 | 21 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5193 | Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091. | 2.1 | 539 |
| 5194 | Free-Water Imaging in White and Gray Matter in Parkinson's Disease. Cells, 2019, 8, 839. | 1.8 | 44 |
| 5195 | Differences between primary central nervous system lymphoma and glioblastoma: topographic analysis using voxel-based morphometry. Clinical Radiology, 2019, 74, 816.e1-816.e8. | 0.5 | 4 |
| 5196 | Visualizing modules of coordinated structural brain atrophy during the course of conversion to Alzheimer's disease by applying methodology from gene co-expression analysis. NeuroImage: Clinical, 2019, 24, 101957. | 1.4 | 11 |
| 5197 | Association of CAG Repeats With Long-term Progression in Huntington Disease. JAMA Neurology, 2019, 76, 1375. | 4.5 | 44 |
| 5198 | Cognitive and neural mechanisms underlying the mnemonic effect of songs after stroke. NeuroImage: Clinical, 2019, 24, 101948. | 1.4 | 9 |
| 5199 | Graph theory and network topological metrics may be the potential biomarker in Parkinson's disease. Journal of Clinical Neuroscience, 2019, 68, 235-242. | 0.8 | 27 |
| 5200 | MP2RAGE multispectral voxelâ€based morphometry in focal epilepsy. Human Brain Mapping, 2019, 40, 5042-5055. | 1.9 | 13 |
| 5201 | Alterations in Brain Structure and Amplitude of Low-frequency after 8 weeks of Mindfulness Meditation Training in Meditation-NaA ⁻ ve Subjects. Scientific Reports, 2019, 9, 10977. | 1.6 | 40 |
| 5202 | Anatomical imaging of the piriform cortex in epilepsy. Experimental Neurology, 2019, 320, 113013. | 2.0 | 25 |
| 5203 | The Role of Prefrontal Cortical Surface Area and Volume in Preclinical Suicidal Ideation in a Non-Clinical Sample. Frontiers in Psychiatry, 2019, 10, 445. | 1.3 | 5 |
| 5204 | Brain structure links trait conscientiousness to academic performance. Scientific Reports, 2019, 9, 12168. | 1.6 | 13 |
| 5205 | Hierarchical Feature Extraction for Early Alzheimer's Disease Diagnosis. IEEE Access, 2019, 7, 93752-93760. | 2.6 | 30 |
| 5206 | Characteristic asymmetric limbic and anterior temporal atrophy in demented patients with pathologically confirmed argyrophilic grain disease. Neuroradiology, 2019, 61, 1239-1249. | 1.1 | 15 |
| 5207 | Inflammatory biomarkers and brain health indicators in children with overweight and obesity: The ActiveBrains project. Brain, Behavior, and Immunity, 2019, 81, 588-597. | 2.0 | 18 |
| 5208 | P300, Gray Matter Volume and Individual Characteristics Correlates in Healthy Elderly. Frontiers in Aging Neuroscience, 2019, 11, 104. | 1.7 | 12 |
| 5209 | Identifying progressive imaging genetic patterns via multi-task sparse canonical correlation analysis: a longitudinal study of the ADNI cohort. Bioinformatics, 2019, 35, i474-i483. | 1.8 | 36 |
| 5210 | Frailty and Brain-Muscle Correlates in Older People With Type 2 Diabetes: A structural-MRI Explorative Study. Journal of Nutrition, Health and Aging, 2019, 23, 637-640. | 1.5 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5211 | Unsupervised learning of probabilistic diffeomorphic registration for images and surfaces. Medical Image Analysis, 2019, 57, 226-236. | 7.0 | 191 |
| 5212 | Quantifying deep grey matter atrophy using automated segmentation approaches: A systematic review of structural MRI studies. NeuroImage, 2019, 201, 116018. | 2.1 | 20 |
| 5213 | Emergence of structure in mouse embryos: Structural Entropy morphometry applied to digital models of embryonic anatomy. Journal of Anatomy, 2019, 235, 706-715. | 0.9 | 4 |
| 5215 | Fast and accurate pseudo multispectral technique for whole-brain MRI tissue classification. Physics in Medicine and Biology, 2019, 64, 145005. | 1.6 | 2 |
| 5216 | Age Prediction Based on Brain MRI Image: A Survey. Journal of Medical Systems, 2019, 43, 279. | 2.2 | 45 |
| 5217 | A Deep Learning Pipeline for Automatic Skull Stripping and Brain Segmentation. , 2019, , . | | 15 |
| 5218 | Beyond sleepy: structural and functional changes of the default-mode network in idiopathic hypersomnia. Sleep, 2019, 42, . | 0.6 | 23 |
| 5219 | Basic Self-Disturbances Related to Reduced Anterior Cingulate Volume in Subjects at Ultra-High Risk for Psychosis. Frontiers in Psychiatry, 2019, 10, 254. | 1.3 | 8 |
| 5220 | Relationship Between White Matter Integrity and Plasma Leptin Levels in Drug-NaÃ⁻ve and Medicated Patients With Major Depressive Disorder. Frontiers in Neuroscience, 2019, 13, 707. | 1.4 | 2 |
| 5221 | Dopamine D2/D3 receptor abnormalities after traumatic brain injury and their relationship to post-traumatic depression. NeuroImage: Clinical, 2019, 24, 101950. | 1.4 | 15 |
| 5222 | Insular volume reductions in patients with major depressive disorder. Neurology Psychiatry and Brain Research, 2019, 33, 39-47. | 2.0 | 5 |
| 5223 | Imaging in mice and men: Pathophysiological insights into multiple sclerosis from conventional and advanced MRI techniques. Progress in Neurobiology, 2019, 182, 101663. | 2.8 | 21 |
| 5224 | Decreased Gray-Matter Volume in Insular Cortex as a Correlate of Singers' Enhanced Sensorimotor Control of Vocal Production. Frontiers in Neuroscience, 2019, 13, 815. | 1.4 | 13 |
| 5225 | Volume of Hypothalamus as a Diagnostic Biomarker of Chronic Migraine. Frontiers in Neurology, 2019, 10, 606. | 1.1 | 30 |
| 5226 | Characterizing the Structural Pattern Predicting Medication Response in Herpes Zoster Patients Using Multivoxel Pattern Analysis. Frontiers in Neuroscience, 2019, 13, 534. | 1.4 | 12 |
| 5227 | Multivariate Approaches to Understanding Aphasia and its Neural Substrates. Current Neurology and Neuroscience Reports, 2019, 19, 53. | 2.0 | 11 |
| 5228 | Applications of Neuroimaging Biomarkers in CNS Drug Development. Handbook of Behavioral Neuroscience, 2019, , 115-158. | 0.7 | 0 |
| 5229 | Anemia predicts lower white matter volume and cognitive performance in sickle and nonâ€sickle cell anemia syndrome. American Journal of Hematology, 2019, 94, 1055-1065. | 2.0 | 28 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5230 | Interindividual differences in gray and white matter properties are associated with early complex motor skill acquisition. Human Brain Mapping, 2019, 40, 4316-4330. | 1.9 | 16 |
| 5231 | A MEC study of the neural substrates of semantic processing in semantic variant primary progressive aphasia. Neurocase, 2019, 25, 118-129. | 0.2 | 4 |
| 5232 | Guidelines for the conduct of clinical trials in spinal cord injury: Neuroimaging biomarkers. Spinal Cord, 2019, 57, 717-728. | 0.9 | 40 |
| 5233 | Wavelet Imaging Features forÂClassification of First-Episode Schizophrenia. Advances in Intelligent Systems and Computing, 2019, , 280-291. | 0.5 | 0 |
| 5234 | Associations between quantitative [18F]flortaucipir tau PET and atrophy across the Alzheimer's disease spectrum. Alzheimer's Research and Therapy, 2019, 11, 60. | 3.0 | 40 |
| 5235 | History of fatigue in multiple sclerosis is associated with grey matter atrophy. Scientific Reports, 2019, 9, 14781. | 1.6 | 24 |
| 5236 | The neuroanatomical correlates of individual differences in delay discounting: A voxel-based morphometry study. Journal of Pacific Rim Psychology, 2019, 13, e29. | 1.0 | 4 |
| 5237 | Extensive cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. Parkinsonism and Related Disorders, 2019, 66, 182-188. | 1.1 | 16 |
| 5238 | Individual differences in parietal and frontal cortex structure predict dissociable capacities for perception and cognitive control. NeuroImage, 2019, 202, 116148. | 2.1 | 10 |
| 5239 | Generalizing post-stroke prognoses from research data to clinical data. NeuroImage: Clinical, 2019, 24, 102005. | 1.4 | 12 |
| 5240 | Associations of cortical thickness, surface area and subcortical volumes with insight in drug-naÃ ⁻ ve adults with obsessive-compulsive disorder. NeuroImage: Clinical, 2019, 24, 102037. | 1.4 | 12 |
| 5241 | Simulation and Synthesis in Medical Imaging. Lecture Notes in Computer Science, 2019, , . | 1.0 | 2 |
| 5243 | An efficient Meta-cognitive Fuzzy C-Means clustering approach. Applied Soft Computing Journal, 2019, 85, 105838. | 4.1 | 10 |
| 5244 | Atypical gray matter in children with dyslexia before the onset of reading instruction. Cortex, 2019, 121, 399-413. | 1.1 | 27 |
| 5245 | Research of green architecture—take Chinese traditional cave dwellings as an example. IOP Conference Series: Earth and Environmental Science, 2019, 310, 022054. | 0.2 | 0 |
| 5246 | Source-based morphometry: a decade of covarying structural brain patterns. Brain Structure and Function, 2019, 224, 3031-3044. | 1.2 | 48 |
| 5247 | TCF7L2 polymorphisms are associated with amygdalar volume in elderly individuals with Type 2 Diabetes. Scientific Reports, 2019, 9, 15818. | 1.6 | 5 |
| 5248 | A preliminary study of the effects of cannabidiol (CBD) on brain structure in patients with epilepsy. Epilepsy and Behavior Reports, 2019, 12, 100341. | 0.5 | 7 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5249 | An Observational Cerebral Magnetic Resonance Imaging Study Following 7 Days at 4554 m. High Altitude Medicine and Biology, 2019, 20, 407-416. | 0.5 | 6 |
| 5250 | Neural networks associated with body composition in frontotemporal dementia. Annals of Clinical and Translational Neurology, 2019, 6, 1707-1717. | 1.7 | 10 |
| 5251 | The new insights into human brain imaging after stroke. Journal of Neuroscience Research, 2022, 100, 1171-1181. | 1.3 | 11 |
| 5252 | Performing Sparse Regularization and Dimension Reduction Simultaneously in Multimodal Data Fusion. Frontiers in Neuroscience, 2019, 13, 642. | 1.4 | 9 |
| 5253 | Associations between brain structural networks and neurological soft signs in healthy adults. Psychiatry Research - Neuroimaging, 2019, 293, 110989. | 0.9 | 4 |
| 5254 | Structural and Functional Connectivity Between the Amygdala and Orbital Frontal Cortex in Burning Mouth Syndrome: An fMRI Study. Frontiers in Psychology, 2019, 10, 1700. | 1.1 | 24 |
| 5255 | Optic Chiasm Morphometric Changes in Multiple Sclerosis: Feasibility of a Simplified Brain Magnetic Resonance Imaging Measure of White Matter Atrophy. Clinical Anatomy, 2019, 32, 1072-1081. | 1.5 | 5 |
| 5256 | Altered cortical structure and psychiatric symptom risk in adolescents exposed to maternal stress in utero: A retrospective investigation. Behavioural Brain Research, 2019, 375, 112145. | 1.2 | 21 |
| 5257 | Localised grey matter atrophy in multiple sclerosis is network-based: aÂcoordinate-based meta-analysis. Clinical Radiology, 2019, 74, 816.e19-816.e28. | 0.5 | 13 |
| 5258 | Mean diffusivity related to rule-breaking guilt: the Macbeth effect in the sensorimotor regions. Scientific Reports, 2019, 9, 12227. | 1.6 | 3 |
| 5259 | The Effect of Mindfulness Meditation on Impulsivity and its Neurobiological Correlates in Healthy Adults. Scientific Reports, 2019, 9, 11963. | 1.6 | 24 |
| 5260 | Dynamic change of cognitive reserve: associations with changes in brain, cognition, and diagnosis. Neurobiology of Aging, 2019, 83, 95-104. | 1.5 | 28 |
| 5261 | In vivo detection of cerebral tau pathology in long-term survivors of traumatic brain injury. Science Translational Medicine, 2019, 11, . | 5.8 | 56 |
| 5262 | DeepVolume: Brain Structure and Spatial Connection-Aware Network for Brain MRI Super-Resolution. IEEE Transactions on Cybernetics, 2021, 51, 3441-3454. | 6.2 | 20 |
| 5263 | Cerebral asymmetry during development using linear measures from MRI. Early Human Development, 2019, 139, 104853. | 0.8 | 4 |
| 5265 | Differential tractography as a track-based biomarker for neuronal injury. NeuroImage, 2019, 202, 116131. | 2.1 | 66 |
| 5266 | The relationship between bilingual experience and gyrification in adulthood: A cross-sectional surface-based morphometry study. Brain and Language, 2019, 198, 104680. | 0.8 | 12 |
| 5267 | Multimodal Hippocampal Subfield Grading For Alzheimer's Disease Classification. Scientific Reports, 2019, 9, 13845. | 1.6 | 33 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5268 | Analysis of patients with obstructive sleep apnea with and without pharyngeal myopathy using brain neuroimaging. Sleep, 2019, 43, . | 0.6 | 4 |
| 5269 | Family history of alcohol use disorder is associated with brain structural and functional changes in healthy first-degree relatives. European Psychiatry, 2019, 62, 107-115. | 0.1 | 12 |
| 5270 | Identification of neurobehavioural symptom groups based on shared brain mechanisms. Nature Human Behaviour, 2019, 3, 1306-1318. | 6.2 | 37 |
| 5271 | Prediction and Classification of Alzheimer's Disease Based on Combined Features From Apolipoprotein-E Genotype, Cerebrospinal Fluid, MR, and FDG-PET Imaging Biomarkers. Frontiers in Computational Neuroscience, 2019, 13, 72. | 1.2 | 97 |
| 5272 | Gray Matter Volume Changes in Patients With Acute Eye Pain: A Voxel-Based Morphometry Study. Translational Vision Science and Technology, 2019, 8, 1. | 1.1 | 14 |
| 5273 | Generalised coherent point drift for group-wise multi-dimensional analysis of diffusion brain MRI data. Medical Image Analysis, 2019, 53, 47-63. | 7.0 | 9 |
| 5274 | Small Animal Multivariate Brain Analysis (SAMBA) – a High Throughput Pipeline with a Validation Framework. Neuroinformatics, 2019, 17, 451-472. | 1.5 | 42 |
| 5275 | Brain Gray Matter Volume Is Modulated by Visual Input and Overall Learning Success but Not by Time Spent on Learning a Complex Balancing Task. Journal of Clinical Medicine, 2019, 8, 9. | 1.0 | 17 |
| 5276 | Structural network integrity of the central executive network is associated with the therapeutic effect of rTMS in treatment resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 217-225. | 2.5 | 28 |
| 5278 | Prevention of Epileptogenesis in Animal Models. , 2019, , 135-147. | | 0 |
| 5279 | Cerebrospinal fluid biogenic amines depletion and brain atrophy in adult patients with phenylketonuria. Journal of Inherited Metabolic Disease, 2019, 42, 398-406. | 1.7 | 38 |
| 5280 | Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. Translational Psychiatry, 2019, 9, 12. | 2.4 | 35 |
| 5281 | Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. Neurology, 2019, 92, e758-e773. | 1.5 | 42 |
| 5282 | hMRI – A toolbox for quantitative MRI in neuroscience and clinical research. NeuroImage, 2019, 194, 191-210. | 2.1 | 161 |
| 5283 | Shared gray matter reductions across alcohol use disorder and posttraumatic stress disorder in the anterior cingulate cortex: A dual meta-analysis. Neurobiology of Stress, 2019, 10, 100132. | 1.9 | 20 |
| 5284 | When less is more: Structural correlates of core executive functions in young adults – A VBM and cortical thickness study. NeuroImage, 2019, 189, 896-903. | 2.1 | 25 |
| 5285 | Neuroimaging and the At-Risk Mental State. , 2019, , 219-265. | | 1 |
| 5286 | Rician noise and intensity nonuniformity correction (NNC) model for MRI data. Biomedical Signal Processing and Control, 2019, 49, 506-519. | 3.5 | 17 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5287 | The structural brain correlates of callous-unemotional traits in incarcerated male adolescents. NeuroImage: Clinical, 2019, 22, 101703. | 1.4 | 14 |
| 5288 | VoxelMorph: A Learning Framework for Deformable Medical Image Registration. IEEE Transactions on Medical Imaging, 2019, 38, 1788-1800. | 5.4 | 977 |
| 5289 | Multi-modal AD classification via self-paced latent correlation analysis. Neurocomputing, 2019, 355, 143-154. | 3.5 | 26 |
| 5290 | No reliable gray matter changes in essential tremor. Neurological Sciences, 2019, 40, 2051-2063. | 0.9 | 23 |
| 5291 | Food knowledge depends upon the integrity of both sensory and functional properties: a VBM, TBSS and DTI tractography study. Scientific Reports, 2019, 9, 7439. | 1.6 | 8 |
| 5292 | Gray Matter Correlates of Creativity in Musical Improvisation. Frontiers in Human Neuroscience, 2019, 13, 169. | 1.0 | 17 |
| 5293 | <p>Structural changes in white matter lesion patients and their correlation with cognitive impairment</p> . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 1355-1363. | 1.0 | 22 |
| 5294 | Fronto-parietal contributions to episodic retrieval—evidence from neurodegenerative disorders. Learning and Memory, 2019, 26, 262-271. | 0.5 | 9 |
| 5295 | Brain tissue and myelin volumetric analysis in multiple sclerosis at 3T MRI with various in-plane resolutions using synthetic MRI. Neuroradiology, 2019, 61, 1219-1227. | 1.1 | 21 |
| 5296 | Gray Matter Atrophy to Explain Subclinical Oculomotor Deficit in Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 589. | 1.1 | 3 |
| 5297 | Associations between brain morphology and motor performance in chronic neck pain: A wholeâ€brain surfaceâ€based morphometry approach. Human Brain Mapping, 2019, 40, 4266-4278. | 1.9 | 21 |
| 5298 | Exploring the Neural Correlates in Adopting a Realistic View: A Neural Structural and Functional Connectivity Study With Female Nurses. Frontiers in Human Neuroscience, 2019, 13, 197. | 1.0 | 3 |
| 5299 | Inferior frontal gyrus gray matter volume is associated with aggressive behavior in schizophrenia spectrum disorders. Psychiatry Research - Neuroimaging, 2019, 290, 14-21. | 0.9 | 9 |
| 5300 | Purkinje cell number-correlated cerebrocerebellar circuit anomaly in the valproate model of autism. Scientific Reports, 2019, 9, 9225. | 1.6 | 16 |
| 5301 | Innovative MRI Techniques in Neuroimaging Approaches for Cerebrovascular Diseases and Vascular Cognitive Impairment. International Journal of Molecular Sciences, 2019, 20, 2656. | 1.8 | 18 |
| 5302 | Neural substrates of self―and externalâ€preoccupation: A voxelâ€based morphometry study. Brain and Behavior, 2019, 9, e01267. | 1.0 | 2 |
| 5303 | Regional gray matter reductions associated with mild cognitive impairment in Parkinson's disease: A meta-analysis of voxel-based morphometry studies. Behavioural Brain Research, 2019, 371, 111973. | 1.2 | 18 |
| 5305 | Statistical Preliminary. , 2019, , 1-26. | | 0 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5306 | Brain Network Nodes and Edges. , 2019, , 27-60. | | 2 |
| 5308 | Correlation Networks. , 2019, , 76-107. | | 0 |
| 5309 | Big Brain Network Data. , 2019, , 108-128. | | 0 |
| 5310 | Network Simulations. , 2019, , 129-155. | | Ο |
| 5311 | Persistent Homology. , 2019, , 156-179. | | 0 |
| 5312 | Diffusions on Graphs. , 2019, , 180-206. | | 0 |
| 5313 | Sparse Networks. , 2019, , 207-225. | | 0 |
| 5314 | Brain Network Distances. , 2019, , 226-245. | | 0 |
| 5315 | Combinatorial Inferences for Networks. , 2019, , 246-268. | | 0 |
| 5316 | Series Expansion of Connectivity Matrices. , 2019, , 269-291. | | Ο |
| 5317 | Dynamic Network Models. , 2019, , 292-301. | | 0 |
| 5320 | Structural Brain Volume Covariance Associated with Gait Speed in Patients with Amnestic and Non-Amnestic Mild Cognitive Impairment: A Double Dissociation. Journal of Alzheimer's Disease, 2019, 71, S29-S39. | 1.2 | 17 |
| 5321 | Unraveling Diagnostic Biomarkers of Schizophrenia Through Structure-Revealing Fusion of Multi-Modal Neuroimaging Data. Frontiers in Neuroscience, 2019, 13, 416. | 1.4 | 27 |
| 5322 | Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. Journal of Neuroscience, 2019, 39, 6136-6149. | 1.7 | 29 |
| 5323 | An Evaluation of the Progressive Supranuclear Palsy Speech/Language Variant. Movement Disorders Clinical Practice, 2019, 6, 452-461. | 0.8 | 26 |
| 5324 | Progress of magnetic resonance imaging in amyotrophic lateral sclerosis. Radiology of Infectious Diseases, 2019, 6, 1-7. | 2.4 | 3 |
| 5325 | Analyzing Mild Cognitive Impairment Progression via Multi-view Structural Learning. Lecture Notes in Computer Science, 2019, , 656-668. | 1.0 | 1 |
| 5326 | Are There Differences in Brain Morphology in Patients with Lifelong Premature Ejaculation?. Journal of Sexual Medicine, 2019, 16, 992-998. | 0.3 | 18 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5327 | Lower volume, more impairment: reduced cholinergic basal forebrain grey matter density is associated with impaired cognition in Parkinson disease. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1251-1256. | 0.9 | 40 |
| 5328 | Identifying Imaging Markers for Predicting Cognitive Assessments Using Wasserstein Distances Based Matrix Regression. Frontiers in Neuroscience, 2019, 13, 668. | 1.4 | 5 |
| 5329 | Learning image-based spatial transformations via convolutional neural networks: A review. Magnetic Resonance Imaging, 2019, 64, 142-153. | 1.0 | 30 |
| 5330 | Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. Reviews in the Neurosciences, 2019, 31, 1-57. | 1.4 | 138 |
| 5331 | Improved gray matter surface based spatial statistics in neuroimaging studies. Magnetic Resonance Imaging, 2019, 61, 285-295. | 1.0 | 4 |
| 5332 | Painful and Painless Diabetic Neuropathies: What Is the Difference?. Current Diabetes Reports, 2019, 19, 32. | 1.7 | 103 |
| 5333 | Texture descriptors and voxels for the early diagnosis of Alzheimer's disease. Artificial Intelligence in Medicine, 2019, 97, 19-26. | 3.8 | 34 |
| 5334 | Towards an efficient segmentation of small rodents brain: A short critical review. Journal of Neuroscience Methods, 2019, 323, 82-89. | 1.3 | 36 |
| 5335 | Identifying predictors of within-person variance in MRI-based brain volume estimates. NeuroImage, 2019, 200, 575-589. | 2.1 | 33 |
| 5336 | A neural signature of metabolic syndrome. Human Brain Mapping, 2019, 40, 3575-3588. | 1.9 | 26 |
| 5337 | Brain ventricular volume changes induced by long-duration spaceflight. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10531-10536. | 3.3 | 94 |
| 5338 | Huntington's disease: Brain imaging in Huntington's disease. Progress in Molecular Biology and Translational Science, 2019, 165, 321-369. | 0.9 | 20 |
| 5339 | Advances in imaging of brain abnormalities in neuromuscular disease. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641984556. | 1.5 | 22 |
| 5340 | Brain Structural Alterations in Left-Behind Children: A Magnetic Resonance Imaging Study. Frontiers in Neural Circuits, 2019, 13, 33. | 1.4 | 5 |
| 5341 | Brain gray matter volume associations with gait speed and related structural covariance networks in cognitively healthy individuals and in patients with mild cognitive impairment: A cross-sectional study. Experimental Gerontology, 2019, 122, 116-122. | 1.2 | 13 |
| 5342 | Multiclass Diagnosis of Neurodegenerative Diseases: A Neuroimaging Machine-Learning-Based Approach. Industrial & Engineering Chemistry Research, 2019, 58, 11498-11505. | 1.8 | 9 |
| 5343 | Blood amyloid-β oligomerization associated with neurodegeneration of Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 40. | 3.0 | 38 |
| 5345 | Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. Nature Neuroscience, 2019, 22, 992-999. | 7.1 | 86 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5346 | Chronic Cortical Cerebral Microinfarcts Slow Down Cognitive Recovery After Acute Ischemic Stroke. Stroke, 2019, 50, 1430-1436. | 1.0 | 15 |
| 5347 | Neurocognitive correlates of category ambiguous verb processing: The single versus dual lexical entry hypotheses. Brain and Language, 2019, 194, 65-76. | 0.8 | 8 |
| 5348 | Neuroanatomical substrates underlying contrast sensitivity. Quantitative Imaging in Medicine and Surgery, 2019, 9, 503-509. | 1.1 | 3 |
| 5349 | Decreased interhemispheric functional connectivity rather than corpus callosum volume as a potential biomarker for autism spectrum disorder. Cortex, 2019, 119, 258-266. | 1.1 | 46 |
| 5350 | High Self-Control Reduces Risk Preference: The Role of Connectivity Between Right Orbitofrontal Cortex and Right Anterior Cingulate Cortex. Frontiers in Neuroscience, 2019, 13, 194. | 1.4 | 8 |
| 5351 | Neuroimaging Evidence for Right Orbitofrontal Cortex Differences in Adolescents With Emotional and Behavioral Dysregulation. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 1092-1103. | 0.3 | 11 |
| 5352 | Functional disconnectivity of the hippocampal network and neural correlates of memory impairment in treatment-resistant depression. Journal of Affective Disorders, 2019, 253, 248-256. | 2.0 | 33 |
| 5353 | Altered structural and causal connectivity in frontal lobe epilepsy. BMC Neurology, 2019, 19, 70. | 0.8 | 18 |
| 5354 | Structural connectivity prior to whole-body sensorimotor skill learning associates with changes in resting state functional connectivity. NeuroImage, 2019, 197, 191-199. | 2.1 | 18 |
| 5355 | Understanding MRI in clinical psychiatry: perspectives from neuroimaging psychiatry registrars. Australasian Psychiatry, 2019, 27, 396-403. | 0.4 | 2 |
| 5356 | The Conjoint Analysis of Microstructural and Morphological Changes of Gray Matter During Aging. Frontiers in Neurology, 2019, 10, 184. | 1.1 | 6 |
| 5357 | Signatures of alcohol use in the structure and neurochemistry of insular cortex: a correlational study. Psychopharmacology, 2019, 236, 2579-2591. | 1.5 | 16 |
| 5358 | Psychoradiologic abnormalities of white matter in patients with bipolar disorder: diffusion tensor imaging studies using tract-based spatial statistics. Journal of Psychiatry and Neuroscience, 2019, 44, 32-44. | 1.4 | 28 |
| 5359 | The effect of automated landmark identification on morphometric analyses. Journal of Anatomy, 2019, 234, 917-935. | 0.9 | 26 |
| 5360 | Brain Segmentation From Computed Tomography of Healthy Aging and Geriatric Concussion at Variable Spatial Resolutions. Frontiers in Neuroinformatics, 2019, 13, 9. | 1.3 | 20 |
| 5361 | Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 672-679. | 1.1 | 15 |
| 5362 | Regional hypometabolism in the 3xTg mouse model of Alzheimer's disease. Neurobiology of Disease, 2019, 127, 264-277. | 2.1 | 36 |
| 5363 | Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568. | 5.4 | 165 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5364 | Brain regional volume estimations with NeuroQuant and FIRST: a study in patients with a clinically isolated syndrome. Neuroradiology, 2019, 61, 667-674. | 1.1 | 15 |
| 5365 | Out of Context, Beyond the Face: Neuroanatomical Pathways of Emotional Face-Body Language Integration in Adolescent Offenders. Frontiers in Behavioral Neuroscience, 2019, 13, 34. | 1.0 | 12 |
| 5366 | Physical Fitness, White Matter Volume and Academic Performance in Children: Findings From the ActiveBrains and FITKids2 Projects. Frontiers in Psychology, 2019, 10, 208. | 1.1 | 49 |
| 5367 | Mean diffusivity related to collectivism among university students in Japan. Scientific Reports, 2019, 9, 1338. | 1.6 | 6 |
| 5368 | The homotopic connectivity of the functional brain: a meta-analytic approach. Scientific Reports, 2019, 9, 3346. | 1.6 | 50 |
| 5369 | Review: Using diffusion-weighted magnetic resonance imaging techniques to explore the microstructure and connectivity of subcortical white matter tracts in the human auditory system. Hearing Research, 2019, 377, 1-11. | 0.9 | 6 |
| 5370 | Redefining bilingualism as a spectrum of experiences that differentially affects brain structure and function. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7565-7574. | 3.3 | 239 |
| 5371 | Brain Morphometry Methods for Feature Extraction in Random Subspace Ensemble Neural Network Classification of First-Episode Schizophrenia. Neural Computation, 2019, 31, 897-918. | 1.3 | 11 |
| 5372 | Multivariate Prediction of Hippocampal Atrophy in Alzheimer's Disease. Journal of Alzheimer's Disease, 2019, 68, 1453-1468. | 1.2 | 2 |
| 5373 | Weakly Supervised Deep Learning for Brain Disease Prognosis Using MRI and Incomplete Clinical Scores. IEEE Transactions on Cybernetics, 2019, 50, 1-12. | 6.2 | 61 |
| 5374 | Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. Neuroradiology, 2019, 61, 633-642. | 1.1 | 50 |
| 5375 | High serum high-density lipoprotein-cholesterol is associated with memory function and gyrification of insular and frontal opercular cortex in an elderly memory-clinic population. NeuroImage: Clinical, 2019, 22, 101746. | 1.4 | 13 |
| 5376 | Micro- and Macrostructural White Matter Integrity in Never-Treated and Currently Unmedicated Patients With Schizophrenia and Effects of Short-Term Antipsychotic Treatment. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 462-471. | 1.1 | 15 |
| 5377 | Characterization of Alzheimer conditions in MR images using volumetric and sagittal brainstem texture features. Computer Methods and Programs in Biomedicine, 2019, 173, 147-155. | 2.6 | 9 |
| 5378 | Changes in cortical thickness and volume after cranial radiation treatment: A systematic review. Radiotherapy and Oncology, 2019, 135, 33-42. | 0.3 | 27 |
| 5379 | The Effects of Family Socioeconomic Status on Psychological and Neural Mechanisms as Well as Their Sex Differences. Frontiers in Human Neuroscience, 2018, 12, 543. | 1.0 | 23 |
| 5380 | Cortical volume and 40-Hz auditory-steady-state responses in patients with schizophrenia and healthy controls. NeuroImage: Clinical, 2019, 22, 101732. | 1.4 | 29 |
| 5381 | Identification of Preoperative Language Tracts for Intrinsic Frontotemporal Diseases: A Pilot Reconstruction Algorithm in a Middle-Income Country. World Neurosurgery, 2019, 125, e729-e742. | 0.7 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5382 | Tracking the brain in myotonic dystrophies: A 5-year longitudinal follow-up study. PLoS ONE, 2019, 14, e0213381. | 1.1 | 31 |
| 5383 | Reward-related decision-making in schizophrenia: A multimodal neuroimaging study. Psychiatry Research - Neuroimaging, 2019, 286, 45-52. | 0.9 | 12 |
| 5384 | Relationships between gray matter volume and reading ability in typically developing children, adolescents, and young adults. Developmental Cognitive Neuroscience, 2019, 36, 100636. | 1.9 | 18 |
| 5385 | The Combination of DAT-SPECT, Structural and Diffusion MRI Predicts Clinical Progression in Parkinson's Disease. Frontiers in Aging Neuroscience, 2019, 11, 57. | 1.7 | 18 |
| 5386 | Connectivity and morphology of hubs of the cerebral structural connectome are associated with brain resilience in AD- and age-related pathology. Brain Imaging and Behavior, 2019, 13, 1650-1664. | 1.1 | 10 |
| 5387 | Differential diagnosis of multiple system atrophy with predominant parkinsonism and Parkinson's disease using neural networks. Journal of the Neurological Sciences, 2019, 401, 19-26. | 0.3 | 19 |
| 5388 | Neuroanatomical Basis of Individuality in Muscle Tuning Function: Neural Correlates of Muscle Tuning. Frontiers in Behavioral Neuroscience, 2019, 13, 28. | 1.0 | 2 |
| 5389 | Multi-site repeatability and reproducibility of MR fingerprinting of the healthy brain at 1.5 and 3.0â€ [−] T. NeuroImage, 2019, 195, 362-372. | 2.1 | 67 |
| 5390 | Reappearance of Command-Following Is Associated With the Recovery of Language and Internal-Awareness Networks: A Longitudinal Multiple-Case Report. Frontiers in Systems Neuroscience, 2019, 13, 8. | 1.2 | 11 |
| 5391 | Cervical vertebral body growth and emergence of sexual dimorphism: a developmental study using computed tomography. Journal of Anatomy, 2019, 234, 764-777. | 0.9 | 10 |
| 5392 | Mapping the neuroanatomy of functional decline in Alzheimer's disease from basic to advanced activities of daily living. Journal of Neurology, 2019, 266, 1310-1322. | 1.8 | 11 |
| 5393 | Specific Brain Morphometric Changes in Spinal Cord Injury: A Voxel-Based Meta-Analysis of White and Gray Matter Volume. Journal of Neurotrauma, 2019, 36, 2348-2357. | 1.7 | 17 |
| 5394 | Hybrid multivariate pattern analysis combined with extreme learning machine for Alzheimer's dementia diagnosis using multi-measure rs-fMRI spatial patterns. PLoS ONE, 2019, 14, e0212582. | 1.1 | 33 |
| 5395 | Automatically computed rating scales from MRI for patients with cognitive disorders. European Radiology, 2019, 29, 4937-4947. | 2.3 | 23 |
| 5396 | Using resting-state DMN effective connectivity to characterize the neurofunctional architecture of empathy. Scientific Reports, 2019, 9, 2603. | 1.6 | 26 |
| 5397 | Positive and general psychopathology associated with specific gray matter reductions in inferior temporal regions in patients with schizophrenia. Schizophrenia Research, 2019, 208, 242-249. | 1.1 | 15 |
| 5398 | Gray and white matter changes in presymptomatic genetic frontotemporal dementia: a longitudinal MRI study. Neurobiology of Aging, 2019, 76, 115-124. | 1.5 | 59 |
| 5399 | Altered frontostriatal white matter microstructure is associated with familial alcoholism and future binge drinking in adolescence. Neuropsychopharmacology, 2019, 44, 1076-1083. | 2.8 | 22 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5400 | Working memory performance in the elderly relates to theta-alpha oscillations and is predicted by parahippocampal and striatal integrity. Scientific Reports, 2019, 9, 706. | 1.6 | 17 |
| 5401 | Cerebrospinal fluid levels of synaptic and neuronal integrity correlate with gray matter volume and amyloid load in the precuneus of cognitively intact older adults. Journal of Neurochemistry, 2019, 149, 139-157. | 2.1 | 10 |
| 5402 | Structural brain alterations following adult non-CNS cancers: a systematic review of the neuroimaging literature. Acta OncolÅ ³ gica, 2019, 58, 522-536. | 0.8 | 19 |
| 5403 | Long-Term Tai Chi Experience Promotes Emotional Stability and Slows Gray Matter Atrophy for Elders. Frontiers in Psychology, 2019, 10, 91. | 1.1 | 15 |
| 5404 | Preliminary results from a pilot study examining brain structure in older adult cannabis users and nonusers. Psychiatry Research - Neuroimaging, 2019, 285, 58-63. | 0.9 | 21 |
| 5405 | Pattern of Cerebellar Atrophy in Friedreich's Ataxia—Using the SUIT Template. Cerebellum, 2019, 18, 435-447. | 1.4 | 23 |
| 5406 | Identifying brain changes related to cognitive aging using VBM and visual rating scales. NeuroImage: Clinical, 2019, 22, 101697. | 1.4 | 10 |
| 5407 | Brain circuits involved in understanding our own and other's internal states in the context of romantic relationships. Social Neuroscience, 2019, 14, 729-738. | 0.7 | 11 |
| 5409 | Effects of Home Photobiomodulation Treatments on Cognitive and Behavioral Function, Cerebral Perfusion, and Resting-State Functional Connectivity in Patients with Dementia: A Pilot Trial. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 133-141. | 0.7 | 77 |
| 5410 | Neuroimaging in Aggression and IED. , 2019, , 111-130. | | 2 |
| 5411 | Hybrid Feature Vector Generation for Alzheimerâ \in ™s Disease Diagnosis Using MRI Images. , 2019, , . | | 0 |
| 5412 | Data Augmentation Using Learned Transformations for One-Shot Medical Image Segmentation. , 2019, , . | | 237 |
| 5413 | Recursive Cascaded Networks for Unsupervised Medical Image Registration. , 2019, , . | | 135 |
| 5414 | The neurocognitive gains of diagnostic reasoning training using simulated interactive veterinary cases. Scientific Reports, 2019, 9, 19878. | 1.6 | 0 |
| 5415 | Altered thalamo–cortical and occipital–parietal–temporal–frontal white matter connections in patients with anorexia and bulimia nervosa: a systematic review of diffusion tensor imaging studies. Journal of Psychiatry and Neuroscience, 2019, 44, 324-339. | 1.4 | 24 |
| 5416 | Effects of Statins on Memory, Cognition, and Brain Volume in the Elderly. Journal of the American College of Cardiology, 2019, 74, 2554-2568. | 1.2 | 49 |
| 5417 | Brain age prediction using deep learning uncovers associated sequence variants. Nature Communications, 2019, 10, 5409. | 5.8 | 238 |
| 5418 | Is Physical Frailty a Neuromuscular Condition?. Journal of the American Medical Directors Association, 2019, 20, 1556-1557. | 1.2 | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5419 | APPâ€derived peptides reflect neurodegeneration in frontotemporal dementia. Annals of Clinical and Translational Neurology, 2019, 6, 2518-2530. | 1.7 | 13 |
| 5420 | Neuroimaging advances in Parkinson's disease with freezing of gait: A systematic review. NeuroImage: Clinical, 2019, 24, 102059. | 1.4 | 55 |
| 5421 | Are there shared neural correlates between dyslexia and ADHD? A meta-analysis of voxel-based morphometry studies. Journal of Neurodevelopmental Disorders, 2019, 11, 31. | 1.5 | 35 |
| 5422 | Default mode network anatomy and function is linked to pediatric concussion recovery. Annals of Clinical and Translational Neurology, 2019, 6, 2544-2554. | 1.7 | 17 |
| 5423 | Correlation Between Hippocampal Volume and Autobiographical Memory Depending on Retrieval Frequency in Healthy Individuals and Patients with Alzheimer's Disease. Journal of Alzheimer's Disease, 2019, 72, 1341-1352. | 1.2 | 3 |
| 5424 | Self-Awareness of Psychopathology and Brain Volume in Patients With First Episode Psychosis. Frontiers in Psychiatry, 2019, 10, 839. | 1.3 | 5 |
| 5425 | Brain MRI Reveals Ascending Atrophy in Parkinson's Disease Across Severity. Frontiers in Neurology, 2019, 10, 1329. | 1.1 | 11 |
| 5426 | The SIGMA rat brain templates and atlases for multimodal MRI data analysis and visualization. Nature Communications, 2019, 10, 5699. | 5.8 | 73 |
| 5427 | HIV infection and cerebral small vessel disease are independently associated with brain atrophy and cognitive impairment. Aids, 2019, 33, 1197-1205. | 1.0 | 41 |
| 5428 | Inflammation and the Central Nervous System in Inflammatory Rheumatic Disease. Current Rheumatology Reports, 2019, 21, 67. | 2.1 | 12 |
| 5429 | Structural and functional alterations in the retrosplenial cortex following neuropathic pain. Pain, 2019, 160, 2241-2254. | 2.0 | 13 |
| 5430 | Metabolic imaging patterns in posterior cortical atrophy and Lewy body dementia. Nuclear Medicine Communications, 2019, 40, 1275-1282. | 0.5 | 11 |
| 5431 | Deformation based morphometry study of longitudinal MRI changes in behavioral variant frontotemporal dementia. NeuroImage: Clinical, 2019, 24, 102079. | 1.4 | 44 |
| 5432 | Altered Gray Matter Volume and White Matter Integrity in Sensorineural Hearing Loss Patients: A VBM and TBSS Study. Otology and Neurotology, 2019, 40, e569-e574. | 0.7 | 9 |
| 5433 | Altered brain morphology in chronic pancreatitis patients and its association with pain and other disease characteristics. European Journal of Gastroenterology and Hepatology, 2019, 31, 1092-1098. | 0.8 | 4 |
| 5434 | The alteration landscape of the cerebral cortex. NeuroImage, 2019, 184, 359-371. | 2.1 | 18 |
| 5435 | Adaptation of brain functional stream architecture in athletes with fast demands of sensorimotor integration. Human Brain Mapping, 2019, 40, 420-431. | 1.9 | 16 |
| 5436 | Joint Classification and Regression via Deep Multi-Task Multi-Channel Learning for Alzheimer's Disease Diagnosis. IEEE Transactions on Biomedical Engineering, 2019, 66, 1195-1206. | 2.5 | 194 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5437 | Imaging in CDH. , 2019, , 157-168. | | 0 |
| 5438 | NLM based magnetic resonance image denoising – A review. Biomedical Signal Processing and Control, 2019, 47, 252-261. | 3.5 | 54 |
| 5439 | Visuospatial short-term memory and dorsal visual gray matter volume. Cortex, 2019, 113, 184-190. | 1.1 | 8 |
| 5440 | Age but no sex effects on subareas of the amygdala. Human Brain Mapping, 2019, 40, 1697-1704. | 1.9 | 17 |
| 5441 | Playing Super Mario increases oculomotor inhibition and frontal eye field grey matter in older adults. Experimental Brain Research, 2019, 237, 723-733. | 0.7 | 15 |
| 5442 | Regional gray matter changes and age predict individual treatment response in Parkinson's disease. NeuroImage: Clinical, 2019, 21, 101636. | 1.4 | 18 |
| 5443 | Characterisation of brain volume and microstructure at term-equivalent age in infants born across the gestational age spectrum. NeuroImage: Clinical, 2019, 21, 101630. | 1.4 | 35 |
| 5444 | Neuroimaging's 19th century debts. Cortex, 2019, 115, 348-349. | 1.1 | 0 |
| 5445 | Impairment in complex activities of daily living is related to neurodegeneration in Alzheimer's disease–specific regions. Neurobiology of Aging, 2019, 75, 109-116. | 1.5 | 22 |
| 5446 | Different Relationship Between Systolic Blood Pressure and Cerebral Perfusion in Subjects With and Without Hypertension. Hypertension, 2019, 73, 197-205. | 1.3 | 39 |
| 5447 | Differences in Cortical Gray Matter Atrophy of Paraplegia and Tetraplegia after Complete Spinal Cord Injury. Journal of Neurotrauma, 2019, 36, 2045-2051. | 1.7 | 23 |
| 5448 | Machine learning of brain gray matter differentiates sex in a large forensic sample. Human Brain Mapping, 2019, 40, 1496-1506. | 1.9 | 95 |
| 5449 | Blood–brain barrier permeability measured using dynamic contrastâ€enhanced magnetic resonance imaging: a validation study. Journal of Physiology, 2019, 597, 699-709. | 1.3 | 47 |
| 5450 | Patterns of gray matter alterations in migraine and restless legs syndrome. Annals of Clinical and Translational Neurology, 2019, 6, 57-67. | 1.7 | 17 |
| 5451 | Cerebellar structural and functional abnormalities in first-episode and drug-naive patients with schizophrenia: A meta-analysis. Psychiatry Research - Neuroimaging, 2019, 283, 24-33. | 0.9 | 46 |
| 5452 | Structural imaging biomarkers for bipolar disorder: Metaâ€analyses of wholeâ€brain voxelâ€based morphometry studies. Depression and Anxiety, 2019, 36, 353-364. | 2.0 | 40 |
| 5453 | Brain grey matter volume reduction and anxiety-like behavior in lipopolysaccharide-induced chronic pulmonary inflammation rats: A structural MRI study with histological validation. Brain, Behavior, and Immunity, 2019, 76, 182-197. | 2.0 | 8 |
| 5454 | Subjective memory complaints are associated with altered resting-state functional connectivity but not structural atrophy. NeuroImage: Clinical, 2019, 21, 101675. | 1.4 | 32 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5455 | Autosomal dominant temporal lobe epilepsy associated with heterozygous reelin mutation: 3â€ [−] T brain MRI study with advanced neuroimaging methods. Epilepsy & Behavior Case Reports, 2019, 11, 39-42. | 1.5 | 5 |
| 5456 | White matter microstructure among perinatally HIV-infected youth: a diffusion tensor imaging study. Journal of NeuroVirology, 2019, 25, 313-323. | 1.0 | 8 |
| 5457 | Association of copper levels in the hair with gray matter volume, mean diffusivity, and cognitive functions. Brain Structure and Function, 2019, 224, 1203-1217. | 1.2 | 10 |
| 5458 | Smell training improves olfactory function and alters brain structure. NeuroImage, 2019, 189, 45-54. | 2.1 | 61 |
| 5459 | Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. Journal of Neuroscience, 2019, 39, 1817-1827. | 1.7 | 70 |
| 5460 | Neural Correlates of Cognitive Impairment in Parkinson's Disease: A Review of Structural MRI Findings. International Review of Neurobiology, 2019, 144, 1-28. | 0.9 | 24 |
| 5461 | The Shrinking Brain: Cerebral Atrophy Following Traumatic Brain Injury. Annals of Biomedical Engineering, 2019, 47, 1941-1959. | 1.3 | 79 |
| 5462 | Cultural variation in the gray matter volume of the prefrontal cortex is moderated by the dopamine D4 receptor gene (DRD4). Cerebral Cortex, 2019, 29, 3922-3931. | 1.6 | 45 |
| 5463 | A framework for multi-component analysis of diffusion MRI data over the neonatal period. NeuroImage, 2019, 186, 321-337. | 2.1 | 47 |
| 5464 | Resilience to Risk for Psychopathology: The Role of White Matter Microstructural Development in Adolescence. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 180-189. | 1.1 | 11 |
| 5465 | Grey matter alterations in obesity: A metaâ€analysis of wholeâ€brain studies. Obesity Reviews, 2019, 20, 464-471. | 3.1 | 80 |
| 5466 | Efficient diffeomorphic metric image registration via stationary velocity. Journal of Computational Science, 2019, 30, 90-97. | 1.5 | 2 |
| 5467 | CBIR system using Capsule Networks and 3D CNN for Alzheimer's disease diagnosis. Informatics in Medicine Unlocked, 2019, 14, 59-68. | 1.9 | 89 |
| 5468 | Olfactory loss is associated with reduced hippocampal activation in response to emotional pictures. NeuroImage, 2019, 188, 84-91. | 2.1 | 18 |
| 5469 | Graph theory analysis reveals how sickle cell disease impacts neural networks of patients with more severe disease. NeuroImage: Clinical, 2019, 21, 101599. | 1.4 | 23 |
| 5470 | Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. Current Biology, 2019, 29, 120-127.e5. | 1.8 | 86 |
| 5471 | FDG-PET hypometabolism is more sensitive than MRI atrophy in Parkinson's disease: A whole-brain multimodal imaging meta-analysis. NeuroImage: Clinical, 2019, 21, 101594. | 1.4 | 53 |
| 5472 | Facial expressiveness and physiological arousal in frontotemporal dementia: Phenotypic clinical profiles and neural correlates. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 197-210. | 1.0 | 42 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5473 | Neurological soft signs and grey matter abnormalities in individuals with ultraâ€high risk for psychosis. PsyCh Journal, 2019, 8, 252-260. | 0.5 | 9 |
| 5474 | The age-dependent relationship between resting heart rate variability and functional brain connectivity. NeuroImage, 2019, 185, 521-533. | 2.1 | 45 |
| 5475 | Lesional and perilesional tissue characterization by automated image processing in a novel gyrencephalic animal model of peracute intracerebral hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2521-2535. | 2.4 | 15 |
| 5476 | Nicotinic receptor abnormalities as a biomarker in idiopathic generalized epilepsy. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 385-395. | 3.3 | 14 |
| 5477 | Developmental grey matter changes in superior parietal cortex accompany improved transitive reasoning. Thinking and Reasoning, 2019, 25, 151-170. | 2.1 | 10 |
| 5478 | A comparative study: visual rating scores and the voxelâ€based specific regional analysis system for Alzheimer's disease on magnetic resonance imaging among subjects with Alzheimer's disease, mild cognitive impairment, and normal cognition. Psychogeriatrics, 2019, 19, 95-104. | 0.6 | 10 |
| 5479 | Development of a Human APOE Knock-in Mouse Model for Study of Cognitive Function After Cancer Chemotherapy. Neurotoxicity Research, 2019, 35, 291-303. | 1.3 | 25 |
| 5480 | Individualized prediction of psychosis in subjects with an at-risk mental state. Schizophrenia Research, 2019, 214, 18-23. | 1.1 | 25 |
| 5481 | Atlas registration for edema-corrected MRI lesion volume in mouse stroke models. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 313-323. | 2.4 | 52 |
| 5482 | A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. Statistics in Biosciences, 2019, 11, 22-46. | 0.6 | 4 |
| 5483 | A stereotaxic breed-averaged, symmetric T2w canine brain atlas including detailed morphological and volumetrical data sets. NeuroImage, 2019, 187, 93-103. | 2.1 | 50 |
| 5484 | Convergent effects of a functional C3 variant on brain atrophy, demyelination, and cognitive impairment in multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 532-540. | 1.4 | 18 |
| 5485 | Early life predictors of brain development at term-equivalent age in infants born across the gestational age spectrum. NeuroImage, 2019, 185, 813-824. | 2.1 | 58 |
| 5486 | Ventromedial Prefrontal Volume in Adolescence Predicts Hyperactive/Inattentive Symptoms in Adulthood. Cerebral Cortex, 2019, 29, 1866-1874. | 1.6 | 16 |
| 5487 | Lifelong environmental enrichment in the absence of exercise protects the brain from age-related cognitive decline. Neuropharmacology, 2019, 145, 59-74. | 2.0 | 43 |
| 5488 | Imaging laminar structures in the gray matter with diffusion MRI. Neurolmage, 2019, 197, 677-688. | 2.1 | 74 |
| 5489 | Can we accurately classify schizophrenia patients from healthy controls using magnetic resonance imaging and machine learning? A multi-method and multi-dataset study. Schizophrenia Research, 2019, 214, 3-10. | 1.1 | 53 |
| 5490 | A clinical-anatomical signature of Parkinson's disease identified with partial least squares and magnetic resonance imaging. NeuroImage, 2019, 190, 69-78. | 2.1 | 66 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5491 | Brain structural correlates of executive and social cognition profiles in behavioral variant frontotemporal dementia and elderly bipolar disorder. Neuropsychologia, 2019, 126, 159-169. | 0.7 | 65 |
| 5492 | Validating Non-invasive EEG Source Imaging Using Optimal Electrode Configurations on a Representative Rat Head Model. Brain Topography, 2019, 32, 599-624. | 0.8 | 6 |
| 5493 | Coordinate based meta-analysis does not show grey matter atrophy in narcolepsy. Neuroscience and Biobehavioral Reviews, 2019, 102, 427-429. | 2.9 | 6 |
| 5494 | Hierarchical Fully Convolutional Network for Joint Atrophy Localization and Alzheimer's Disease Diagnosis Using Structural MRI. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 880-893. | 9.7 | 298 |
| 5495 | Neuroanatomical substrate of chronic psychosis in epilepsy: an MRI study. Brain Imaging and Behavior, 2020, 14, 1382-1387. | 1.1 | 9 |
| 5496 | Individual differences <i>v.</i> the average patient: mapping the heterogeneity in ADHD using normative models. Psychological Medicine, 2020, 50, 314-323. | 2.7 | 113 |
| 5497 | Imaging correlates of hand motor performance in multiple sclerosis: A multiparametric structural and functional MRI study. Multiple Sclerosis Journal, 2020, 26, 233-244. | 1.4 | 19 |
| 5498 | Adaptive fuzzy hexagonal bilateral filter for brain MRI denoising. Multimedia Tools and Applications, 2020, 79, 15513-15530. | 2.6 | 12 |
| 5499 | N-BiC: A Method for Multi-Component and Symptom Biclustering of Structural MRI Data: Application to Schizophrenia. IEEE Transactions on Biomedical Engineering, 2020, 67, 110-121. | 2.5 | 22 |
| 5500 | Recent Advances in Big Data and Deep Learning. Proceedings of the International Neural Networks Society, 2020, , . | 0.6 | 3 |
| 5501 | Psychiatric Disorders Classification with 3D Convolutional Neural Networks. Proceedings of the International Neural Networks Society, 2020, , 48-57. | 0.6 | 3 |
| 5502 | Differential insular cortex sub-regional atrophy in neurodegenerative diseases: a systematic review and meta-analysis. Brain Imaging and Behavior, 2020, 14, 2799-2816. | 1.1 | 36 |
| 5503 | Strictly Lobar Cerebral Microbleeds Are Associated with Increased White Matter Volume. Translational Stroke Research, 2020, 11, 29-38. | 2.3 | 11 |
| 5504 | Axonal damage in spinal cord is associated with gray matter atrophy in sensorimotor cortex in experimental autoimmune encephalomyelitis. Multiple Sclerosis Journal, 2020, 26, 294-303. | 1.4 | 11 |
| 5505 | Aberrant insular cortex connectivity in abstinent alcoholâ€dependent rats is reversed by dopamine D3 receptor blockade. Addiction Biology, 2020, 25, e12744. | 1.4 | 16 |
| 5506 | Detection of lesions depends on the DARTEL template used in group comparisons with voxel-based morphometry. Acta Radiologica, 2020, 61, 236-243. | 0.5 | 1 |
| 5507 | Brain anatomical correlates of fatigue in multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 751-764. | 1.4 | 38 |
| 5508 | Characterization of brain microstructural abnormalities in cirrhotic patients without overt hepatic encephalopathy using diffusion kurtosis imaging. Brain Imaging and Behavior, 2020, 14, 627-638. | 1.1 | 4 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 5509 | Macro- and microstructural gray matter alterations in sexually assaulted women. Journal of Affective Disorders, 2020, 262, 196-204. | 2.0 | 3 |
| 5510 | Beyond Riemannian geometry. , 2020, , 169-229. | | 16 |
| 5511 | Cerebellar function in children with and without dyslexia during single word processing. Human Brain Mapping, 2020, 41, 120-138. | 1.9 | 21 |
| 5512 | Age of acquisition impacts the brain differently depending on neuroanatomical metric. Human Brain Mapping, 2020, 41, 484-502. | 1.9 | 18 |
| 5513 | Recent tobacco use has widespread associations with adolescent white matter microstructure. Addictive Behaviors, 2020, 101, 106152. | 1.7 | 4 |
| 5514 | Brain Morphometric and Functional Magnetic Resonance Imaging Study on Patients with Visual Field Defects Resulting from Suprasellar Tumors: Preoperative and Postoperative Assessment. World Neurosurgery, 2020, 134, e353-e359. | 0.7 | 5 |
| 5515 | Voxel-based morphometry results in first-episode schizophrenia: a comparison of publicly available software packages. Brain Imaging and Behavior, 2020, 14, 2224-2231. | 1.1 | 12 |
| 5516 | Reliability of 3D texture analysis: A multicenter MRI study of the brain. Journal of Magnetic Resonance Imaging, 2020, 51, 1200-1209. | 1.9 | 17 |
| 5517 | Aberrant brain gray matter in murderers. Brain Imaging and Behavior, 2020, 14, 2050-2061. | 1.1 | 16 |
| 5518 | Cluster Headache and other Trigeminal Autonomic Cephalgias. Headache, 2020, , . | 0.2 | 3 |
| 5519 | Neuroimaging in Cluster Headache and Trigeminal Autonomic Cephalalgias. Headache, 2020, , 67-90. | 0.2 | 1 |
| 5520 | Automated Deformation-Based Analysis of 3D Optical Coherence Tomography in Diabetic Retinopathy. IEEE Transactions on Medical Imaging, 2020, 39, 236-245. | 5.4 | 14 |
| 5521 | Aberrant gray matter volumes and functional connectivity in adolescent patients with ADHD. Journal of Magnetic Resonance Imaging, 2020, 51, 719-726. | 1.9 | 25 |
| 5522 | Higher cardiovascular fitness level is associated with lower cerebrovascular reactivity and perfusion in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1468-1481. | 2.4 | 24 |
| 5523 | Model-Based and Data-Driven Strategies in Medical Image Computing. Proceedings of the IEEE, 2020, 108, 110-124. | 16.4 | 30 |
| 5524 | Sample sizes and population differences in brain template construction. NeuroImage, 2020, 206, 116318. | 2.1 | 44 |
| 5525 | The sensory-deprived brain as a unique tool to understand brain development and function. Neuroscience and Biobehavioral Reviews, 2020, 108, 78-82. | 2.9 | 14 |
| 5526 | Associations of Gray Matter Volume and Perceived Intensity of Bitter Taste: a Voxel-Based Morphometry Study. Chemosensory Perception, 2020, 13, 119-122. | 0.7 | 0 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5527 | A unified framework for mapping individual interregional high-order morphological connectivity based on regional cortical features from anatomical MRI. Magnetic Resonance Imaging, 2020, 66, 232-239. | 1.0 | 6 |
| 5528 | Establishing links between abnormal eating behaviours and semantic deficits in dementia. Journal of Neuropsychology, 2020, 14, 431-448. | 0.6 | 8 |
| 5529 | Regionâ€specific insular volumetric decreases in drugâ€naive, firstâ€episode schizophrenia and their unaffected siblings. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 106-112. | 1.1 | 7 |
| 5530 | Monotonic Gaussian Process for spatio-temporal disease progression modeling in brain imaging data. NeuroImage, 2020, 205, 116266. | 2.1 | 14 |
| 5531 | A single nucleotide polymorphism (â^'250 A/C) of the GFAP gene is associated with brain structures and cerebral blood flow. Psychiatry and Clinical Neurosciences, 2020, 74, 49-55. | 1.0 | 1 |
| 5532 | Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378. | | 1 |
| 5533 | Machine learning based imaging biomarkers in large scale population studies: A neuroimaging perspective. , 2020, , 379-399. | | 8 |
| 5534 | Mapping migraine to a common brain network. Brain, 2020, 143, 541-553. | 3.7 | 55 |
| 5535 | Analysis of the superior temporal gyrus as a possible biomarker in schizophrenia using voxel-based morphometry of the brain magnetic resonance imaging: a comprehensive review. CNS Spectrums, 2021, 26, 319-325. | 0.7 | 17 |
| 5536 | Effect of changing the analyzed image contrast on the accuracy of intracranial volume extraction using Brain Extraction Tool 2. Radiological Physics and Technology, 2020, 13, 76-82. | 1.0 | 4 |
| 5537 | BRAHMA: Population specific T1, T2, and FLAIR weighted brain templates and their impact in structural and functional imaging studies. Magnetic Resonance Imaging, 2020, 70, 5-21. | 1.0 | 16 |
| 5538 | Microstructural disruption of the right inferior frontoâ€occipital and inferior longitudinal fasciculus contributes to WMHâ€related cognitive impairment. CNS Neuroscience and Therapeutics, 2020, 26, 576-588. | 1.9 | 70 |
| 5539 | Multiple mechanisms underpin cerebral and cerebellar white matter deficits in Friedreich ataxia: The IMAGEâ€FRDA study. Human Brain Mapping, 2020, 41, 1920-1933. | 1.9 | 22 |
| 5540 | THINKINC-LOOP: The Semantic Vector Driven Closed-Loop Model for Brain Computing. IEEE Access, 2020, 8, 4273-4288. | 2.6 | 7 |
| 5541 | Restructuring of contralateral gray matter volume associated with cognition in patients with unilateral temporal lobe glioma before and after surgery. Human Brain Mapping, 2020, 41, 1786-1796. | 1.9 | 26 |
| 5542 | Disease-specific profiles of apathy in Alzheimer's disease and behavioural-variant frontotemporal dementia differ across the disease course. Journal of Neurology, 2020, 267, 1086-1096. | 1.8 | 36 |
| 5543 | Template Creation for High-Resolution Computed Tomography Scans of the Lung in R Software. Academic Radiology, 2020, 27, e204-e215. | 1.3 | 5 |
| 5544 | Differentiation of early mild cognitive impairment in brainstem MR images using multifractal detrended moving average singularity spectral features. Biomedical Signal Processing and Control, 2020, 57, 101780 | 3.5 | 10 |

| # | Article | IF | Citations |
|-----------|--|-----|-----------|
| π 5545 | Scene construction impairments in frontotemporal dementia: Evidence for a primary hippocampal | 0.7 | 20 |
| 5545 | contribution. Neuropsychologia, 2020, 137, 107327. | 0.7 | 20 |
| 5546 | Functional brain connectome in posterior cortical atrophy. NeuroImage: Clinical, 2020, 25, 102100. | 1.4 | 16 |
| 5547 | Effects of Collagen Hydrolysates on Human Brain Structure and Cognitive Function: A Pilot Clinical Study. Nutrients, 2020, 12, 50. | 1.7 | 10 |
| 5548 | Brain Morphological Dynamics of Procrastination: The Crucial Role of the Self-Control, Emotional, and Episodic Prospection Network. Cerebral Cortex, 2020, 30, 2834-2853. | 1.6 | 33 |
| 5549 | Deep Learning in Healthcare. Intelligent Systems Reference Library, 2020, , . | 1.0 | 45 |
| 5550 | Linear methods for classification. , 2020, , 83-100. | | 1 |
| 5551 | Bias, noise, and interpretability in machine learning. , 2020, , 307-328. | | 3 |
| 5552 | Chemistry of two-dimensional MXene nanosheets in theranostic nanomedicine. Chinese Chemical Letters, 2020, 31, 937-946. | 4.8 | 52 |
| 5553 | Increased grey matter volume of the right superior temporal gyrus in healthy children with autistic cognitive style: A VBM study. Brain and Cognition, 2020, 139, 105514. | 0.8 | 17 |
| 5554 | Detection of cortical malformations using enhanced synthetic contrast images derived from quantitative T1 maps. NMR in Biomedicine, 2020, 33, e4203. | 1.6 | 10 |
| 5555 | Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. Medical Image Analysis, 2020, 60, 101625. | 7.0 | 99 |
| 5556 | Chronic noncancer pain is not associated with accelerated brain aging as assessed by structural magnetic resonance imaging in patients treated in specialized outpatient clinics. Pain, 2020, 161, 641-650. | 2.0 | 30 |
| 5557 | The relationship between individual differences in gray matter volume and religiosity and mystical experiences: A preregistered voxelâ€based morphometry study. European Journal of Neuroscience, 2020, 51, 850-865. | 1.2 | 14 |
| 5558 | Magnetic Resonance Imaging and Micro-Computed Tomography reveal brain morphological abnormalities in a mouse model of early moderate prenatal ethanol exposure. Neurotoxicology and Teratology, 2020, 77, 106849. | 1.2 | 3 |
| 5559 | Neglectful maternal caregiving involves altered brain volume in empathy-related areas. Development and Psychopathology, 2020, 32, 1534-1543. | 1.4 | 14 |
| 5560 | Predicting response to electroconvulsive therapy combined with antipsychotics in schizophrenia using multi-parametric magnetic resonance imaging. Schizophrenia Research, 2020, 216, 262-271. | 1.1 | 26 |
| 5561 | Characteristic cerebral structural changes identified using voxel-based morphometry in patients with post-surgical chronic myelopathic pain. Spinal Cord, 2020, 58, 467-475. | 0.9 | 4 |
| 5562 | Neurostructural correlates of optimism: Gray matter density in the putamen predicts dispositional optimism in late adolescence. Human Brain Mapping, 2020, 41, 1459-1471. | 1.9 | 25 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5563 | Disentangling brain functional network remodeling in corticobasal syndrome – A multimodal MRI study. NeuroImage: Clinical, 2020, 25, 102112. | 1.4 | 10 |
| 5564 | Neurological Soft Signs and Brain Network Abnormalities in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 562-571. | 2.3 | 26 |
| 5565 | Grey matter abnormalities in Parkinson's disease: a voxelâ€wise metaâ€analysis. European Journal of Neurology, 2020, 27, 653-659. | 1.7 | 28 |
| 5566 | Association of iron levels in hair with brain structures and functions in young adults. Journal of Trace Elements in Medicine and Biology, 2020, 58, 126436. | 1.5 | 2 |
| 5567 | Dorsolateral and ventrolateral prefrontal cortex structural changes relative to suicidal ideation in patients with depression. Acta Neuropsychiatrica, 2020, 32, 84-91. | 1.0 | 23 |
| 5568 | Texture Features of Magnetic Resonance Images: A Marker of Slight Cognitive Deficits in Parkinson's Disease. Movement Disorders, 2020, 35, 486-494. | 2.2 | 19 |
| 5569 | Grey matter volume alterations in trigeminal neuralgia: A systematic review and meta-analysis of voxel-based morphometry studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 98, 109821. | 2.5 | 23 |
| 5570 | Grey-matter abnormalities in clinical high-risk participants for psychosis. Schizophrenia Research, 2020, 226, 120-128. | 1.1 | 12 |
| 5571 | Structural alterations associated with suicide attempts in major depressive disorder and bipolar disorder: A diffusion tensor imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 98, 109827. | 2.5 | 19 |
| 5572 | Identifying Mild Cognitive Impairment with Random Forest by Integrating Multiple MRI Morphological Metrics. Journal of Alzheimer's Disease, 2020, 73, 991-1002. | 1.2 | 15 |
| 5573 | Glioma Migration Through the Corpus Callosum and the Brainstem Detected by Diffusion and Magnetic Resonance Imaging: Initial Findings. Frontiers in Human Neuroscience, 2019, 13, 472. | 1.0 | 14 |
| 5574 | The Resilient Emotional Brain: A Scoping Review of the Medial Prefrontal Cortex and Limbic Structure and Function in Resilient Adults With aAHistory of Childhood Maltreatment. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 392-402. | 1.1 | 47 |
| 5575 | Applying the D50 disease progression model to gray and white matter pathology in amyotrophic lateral sclerosis. NeuroImage: Clinical, 2020, 25, 102094. | 1.4 | 19 |
| 5576 | Right Lateralized Brain Reserve Offsets Age-Related Deficits in Ignoring Distraction. Cerebral Cortex Communications, 2020, 1, tgaa049. | 0.7 | 6 |
| 5577 | Age-Related Regional Network Covariance of Magnetic Resonance Imaging Gray Matter in the Rat. Frontiers in Aging Neuroscience, 2020, 12, 267. | 1.7 | 18 |
| 5578 | Rajyoga meditation induces grey matter volume changes in regions that process reward and happiness. Scientific Reports, 2020, 10, 16177. | 1.6 | 15 |
| 5579 | Vocal music enhances memory and language recovery after stroke: pooled results from two RCTs. Annals of Clinical and Translational Neurology, 2020, 7, 2272-2287. | 1.7 | 25 |
| 5580 | Chemotherapy-induced grey matter abnormalities in cancer survivors: a voxel-wise neuroimaging meta-analysis. Brain Imaging and Behavior, 2021, 15, 2215-2227. | 1.1 | 16 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5581 | GraphNet-based imaging biomarker model to explain levodopa-induced dyskinesia in Parkinson's disease. Computer Methods and Programs in Biomedicine, 2020, 196, 105713. | 2.6 | 1 |
| 5582 | Comparative study of the volume of the temporal lobe sections and neuropeptide effect in Alzheimer's patients and healthy persons. International Journal of Neuroscience, 2021, 131, 725-734. | 0.8 | 5 |
| 5583 | Reduced fronto-striatal volume in attention-deficit/hyperactivity disorder in two cohorts across the lifespan. Neurolmage: Clinical, 2020, 28, 102403. | 1.4 | 12 |
| 5584 | The temporal relationships between white matter hyperintensities, neurodegeneration, amyloid beta, and cognition. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12091. | 1.2 | 26 |
| 5585 | Depressogenic self-schemas are associated with smaller regional grey matter volume in never-depressed preadolescents. NeuroImage: Clinical, 2020, 28, 102422. | 1.4 | 3 |
| 5586 | Subtle executive deficits are associated with higher brain amyloid burden and lower cortical volume in subjective cognitive decline: the FACEHBI cohort. Scientific Reports, 2020, 10, 17721. | 1.6 | 5 |
| 5587 | Altered cortical gray matter volume and functional connectivity after transcutaneous spinal cord direct current stimulation in idiopathic restless legs syndrome. Sleep Medicine, 2020, 74, 254-261. | 0.8 | 14 |
| 5588 | Identification of bipolar disorder using a combination of multimodality magnetic resonance imaging and machine learning techniques. BMC Psychiatry, 2020, 20, 488. | 1.1 | 24 |
| 5589 | Gray Matter Structural Alterations in Chronic and Episodic Migraine: A Morphometric Magnetic Resonance Imaging Study. Pain Medicine, 2020, 21, 2997-3011. | 0.9 | 17 |
| 5590 | Does hippocampal volume explain performance differences on hippocampal-dependant tasks?. NeuroImage, 2020, 221, 117211. | 2.1 | 30 |
| 5591 | Characterization of the inflammatory post-ischemic tissue by full volumetric analysis of a multimodal imaging dataset. NeuroImage, 2020, 222, 117217. | 2.1 | 10 |
| 5592 | Differential Effects of a Left Frontal Glioma on the Cortical Thickness and Complexity of Both Hemispheres. Cerebral Cortex Communications, 2020, 1, tgaa027. | 0.7 | 5 |
| 5593 | Trait Respect Is Linked to Reduced Gray Matter Volume in the Anterior Temporal Lobe. Frontiers in Human Neuroscience, 2020, 14, 344. | 1.0 | 5 |
| 5594 | The cerebellum in idiopathic cervical dystonia: A specific pattern of structural abnormalities?. Parkinsonism and Related Disorders, 2020, 80, 152-157. | 1.1 | 12 |
| 5595 | Alzheimer's diagnosis using deep learning in segmenting and classifying 3D brain MR images. International Journal of Neuroscience, 2022, 132, 689-698. | 0.8 | 21 |
| 5596 | Neuroanatomical Alterations in Patients With Tinnitus Before and After Sound Therapy: A Voxel-Based Morphometry Study. Frontiers in Neuroscience, 2020, 14, 911. | 1.4 | 7 |
| 5597 | Effects of spinal cord stimulation on voxel-based brain morphometry in patients with failed back surgery syndrome. Clinical Neurophysiology, 2020, 131, 2578-2587. | 0.7 | 15 |
| 5598 | Neural Correlates of Adolescent Irritability and Its Comorbidity With Psychiatric Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 1371-1379. | 0.3 | 18 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5599 | Advanced non-invasive MRI of neuroplasticity in ischemic stroke: Techniques and applications. Life Sciences, 2020, 261, 118365. | 2.0 | 8 |
| 5600 | Brain structural and functional differences between pure menstrual migraine and menstrually-related migraine. Scientific Reports, 2020, 10, 16454. | 1.6 | 9 |
| 5601 | Oxytocin and elderly MRI-based hippocampus and amygdala volume: a 7-year follow-up study. Brain Communications, 2020, 2, fcaa081. | 1.5 | 16 |
| 5602 | Is there a reliable brain morphological signature for migraine?. Journal of Headache and Pain, 2020, 21, 89. | 2.5 | 12 |
| 5603 | Applications of machine learning to diagnosis and treatment of neurodegenerative diseases. Nature Reviews Neurology, 2020, 16, 440-456. | 4.9 | 257 |
| 5604 | Understanding bilingual brain function and structure changes? U bet! A unified bilingual experience trajectory model. Journal of Neurolinguistics, 2020, 56, 100930. | 0.5 | 56 |
| 5605 | Voxel-based assessments of treatment effects on longitudinal brain changes in the Multidomain Alzheimer Preventive Trial cohort. Neurobiology of Aging, 2020, 94, 50-59. | 1.5 | 8 |
| 5606 | Functional Connectivity Alterations of the Temporal Lobe and Hippocampus in Semantic Dementia and Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 76, 1461-1475. | 1.2 | 24 |
| 5607 | In vivo Population Averaged Stereotaxic T2w MRI Brain Template for the Adult Yucatan Micropig. Frontiers in Neuroanatomy, 2020, 14, 599701. | 0.9 | 7 |
| 5608 | The Neuropsychological Correlates of Brain Perfusion and Gray Matter Volume in Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 78, 1639-1652. | 1.2 | 3 |
| 5609 | When affect overlaps with concept: emotion recognition in semantic variant of primary progressive aphasia. Brain, 2020, 143, 3850-3864. | 3.7 | 29 |
| 5610 | False positive rates in positron emission tomography (PET) voxelwise analyses. Journal of Cerebral Blood Flow and Metabolism, 2020, 41, 0271678X2097496. | 2.4 | 5 |
| 5611 | Voxel-Based Meta-Analysis of Gray Matter Abnormalities in Multiple System Atrophy. Frontiers in Aging Neuroscience, 2020, 12, 591666. | 1.7 | 16 |
| 5612 | Structural covariance pattern abnormalities of insula in major depressive disorder: A CAN-BIND study report. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110194. | 2.5 | 11 |
| 5613 | Concurrent brain structural and functional alterations in patients with migraine without aura: an fMRI study. Journal of Headache and Pain, 2020, 21, 141. | 2.5 | 29 |
| 5614 | A Novel Method for High-Dimensional Anatomical Mapping of Extra-Axial Cerebrospinal Fluid: Application to the Infant Brain. Frontiers in Neuroscience, 2020, 14, 561556. | 1.4 | 2 |
| 5615 | Apathy is not associated with reduced ventral striatal volume in patients with schizophrenia. Schizophrenia Research, 2020, 223, 279-288. | 1.1 | 5 |
| 5616 | Longitudinal Analysis of the Relation Between Clinical Impairment and Gray Matter Degeneration in Spinocerebellar Ataxia Type 7 Patients. Cerebellum, 2021, 20, 346-360. | 1.4 | 3 |

| # | Article | IF | CITATIONS |
|------|--|------|-----------|
| 5617 | The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. Journal of Cognitive Neuroscience, 2021, 33, 1716-1752. | 1.1 | 18 |
| 5618 | Predicting intelligence from brain gray matter volume. Brain Structure and Function, 2020, 225, 2111-2129. | 1.2 | 32 |
| 5619 | Metacognition in individuals recovered from anorexia nervosa: a voxel-based morphometry study Psychiatry Research - Neuroimaging, 2020, 304, 111138. | 0.9 | 2 |
| 5620 | NeurReg: Neural Registration and Its Application to Image Segmentation. , 2020, , . | | 21 |
| 5621 | Enhanced mindfulness-based stress reduction in episodic migraine: a randomized clinical trial with magnetic resonance imaging outcomes. Pain, 2020, 161, 1837-1846. | 2.0 | 67 |
| 5622 | Advances in multimodal data fusion in neuroimaging: Overview, challenges, and novel orientation. Information Fusion, 2020, 64, 149-187. | 11.7 | 235 |
| 5623 | Toward quantitative neuroimaging biomarkers for Friedreich's ataxia at 7 Tesla: Susceptibility mapping, diffusion imaging, <i>R</i> ₂ and <i>R</i> ₁ relaxometry. Journal of Neuroscience Research, 2020, 98, 2219-2231. | 1.3 | 7 |
| 5624 | Magnetic resonance assessment of the cerebral alterations associated with obesity development. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2135-2151. | 2.4 | 9 |
| 5625 | A voxel-based analysis of cerebral blood flow abnormalities in obsessive-compulsive disorder using pseudo-continuous arterial spin labeling MRI. PLoS ONE, 2020, 15, e0236512. | 1.1 | 2 |
| 5626 | Attention-Guided Hybrid Network for Dementia Diagnosis With Structural MR Images. IEEE Transactions on Cybernetics, 2022, 52, 1992-2003. | 6.2 | 43 |
| 5627 | Associations of rest-activity patterns with amyloid burden, medial temporal lobe atrophy, and cognitive impairment. EBioMedicine, 2020, 58, 102881. | 2.7 | 12 |
| 5628 | Neural correlates of the association between depression and high density lipoprotein cholesterol change. Journal of Psychiatric Research, 2020, 130, 9-18. | 1.5 | 10 |
| 5629 | Cognitive and motor correlates of grey and white matter pathology in Parkinson's disease. NeuroImage: Clinical, 2020, 27, 102353. | 1.4 | 36 |
| 5630 | Tensor-Based Grading: A Novel Patch-Based Grading Approach for the Analysis Of Deformation Fields in Huntington's Disease. , 2020, 2020, 1091-1095. | | 2 |
| 5631 | Gray Matter Volume in Different Cortical Structures Dissociably Relates to Individual Differences in Capacity and Precision of Visual Working Memory. Cerebral Cortex, 2020, 30, 4759-4770. | 1.6 | 6 |
| 5632 | A meta-analytic approach to mapping co-occurrent grey matter volume increases and decreases in psychiatric disorders. NeuroImage, 2020, 222, 117220. | 2.1 | 16 |
| 5633 | Identification of Alzheimer's disease based on wavelet transformation energy feature of the structural MRI image and NN classifier. Artificial Intelligence in Medicine, 2020, 108, 101940. | 3.8 | 12 |
| 5634 | Greater hippocampal gray matter volume in subjective hyperosmia: a voxel-based morphometry study. Scientific Reports, 2020, 10, 18869. | 1.6 | 4 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 5635 | Early and late effects of electroconvulsive therapy associated with different temporal lobe structures. Translational Psychiatry, 2020, 10, 344. | 2.4 | 8 |
| 5636 | Using a second-person approach to identify disease-specific profiles of social behavior in frontotemporal dementia and Alzheimer's disease. Cortex, 2020, 133, 236-246. | 1.1 | 2 |
| 5637 | Emotional intelligence mediates the association between middle temporal gyrus gray matter volume and social anxiety in late adolescence. European Child and Adolescent Psychiatry, 2021, 30, 1857-1869. | 2.8 | 23 |
| 5638 | Brain Morphological Alterations Are Detected in Early tage Parkinson's Disease with MRI Morphometry. Journal of Neuroimaging, 2020, 30, 786-792. | 1.0 | 8 |
| 5639 | Association Between Gait, Cognition, and Gray Matter Volumes in Mild Cognitive Impairment and Healthy Controls. Alzheimer Disease and Associated Disorders, 2020, 34, 231-237. | 0.6 | 16 |
| 5640 | Altered gray matter structural covariance networks at both acute and chronic stages of mild traumatic brain injury. Brain Imaging and Behavior, 2021, 15, 1840-1854. | 1.1 | 7 |
| 5641 | Recent advances of deep learning in psychiatric disorders. Precision Clinical Medicine, 2020, 3, 202-213. | 1.3 | 16 |
| 5642 | Neuroimaging Findings for Developmental Coordination Disorder (DCD) in Adults: Critical Evaluation and Future Directions. , 2020, , . | | 1 |
| 5643 | Heart–brain interactions during social and cognitive stress in hypertensive disease: A multidimensional approach. European Journal of Neuroscience, 2022, 55, 2836-2850. | 1.2 | 8 |
| 5644 | Neuroplasticity induced by general anaesthesia: study protocol for a randomised cross-over clinical trial exploring the effects of sevoflurane and propofol on the brain – A 3-T magnetic resonance imaging study of healthy volunteers. Trials, 2020, 21, 805. | 0.7 | 2 |
| 5645 | Metformin Use Is Associated With Slowed Cognitive Decline and Reduced Incident Dementia in Older Adults With Type 2 Diabetes: The Sydney Memory and Ageing Study. Diabetes Care, 2020, 43, 2691-2701. | 4.3 | 116 |
| 5646 | Microstructural Predictors of Cognitive Impairment in Cerebral Small Vessel Disease and the Conditions of Their Formation. Diagnostics, 2020, 10, 720. | 1.3 | 8 |
| 5647 | Elimination of lowâ€inversionâ€efficiency induced artifacts in wholeâ€brain MP2RAGE using multiple RFâ€shim configurations at 7 T. NMR in Biomedicine, 2020, 33, e4387. | 1.6 | 1 |
| 5648 | Depressive symptoms are associated with worse cognitive prognosis in patients with newly diagnosed idiopathic Parkinson disease. Psychogeriatrics, 2020, 20, 880-890. | 0.6 | 13 |
| 5649 | Pain Processing in Older Adults and Its Association with Prefrontal Characteristics. Brain Sciences, 2020, 10, 477. | 1.1 | 8 |
| 5650 | Global multisensory reorganization after vestibular brain stem stroke. Annals of Clinical and Translational Neurology, 2020, 7, 1788-1801. | 1.7 | 9 |
| 5651 | Multiscale neurobiological correlates of human neuroticism. Human Brain Mapping, 2020, 41, 4730-4743. | 1.9 | 9 |
| 5652 | Common and <scp>genderâ€specific</scp> associations with cocaine use on gray matter volume: Data from the <scp>ENIGMA</scp> addiction working group. Human Brain Mapping, 2022, 43, 543-554. | 1.9 | 13 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5653 | Functional and Structural Neuroimaging Correlates of Repetitive Low-Level Blast Exposure in Career Breachers. Journal of Neurotrauma, 2020, 37, 2468-2481. | 1.7 | 35 |
| 5654 | Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. Science Advances, 2020, 6, . | 4.7 | 56 |
| 5655 | Brain Plasticity in Charcot-Marie-Tooth Type 1A Patients? A Combined Structural and Diffusion MRI Study. Frontiers in Neurology, 2020, 11, 795. | 1.1 | 7 |
| 5656 | Complete hemispherotomy leads to lateralized functional organization and lower level of consciousness in the isolated hemisphere. Epilepsia Open, 2020, 5, 537-549. | 1.3 | 3 |
| 5657 | Investigating altered brain development in infants with congenital heart disease using tensor-based morphometry. Scientific Reports, 2020, 10, 14909. | 1.6 | 17 |
| 5658 | Cerebral Modifications and Visual Pathway Reorganization in Maculopathy: A Systematic Review. Frontiers in Neuroscience, 2020, 14, 755. | 1.4 | 9 |
| 5659 | Temporal Lobe Epilepsy Surgical Outcomes Can Be Inferred Based on Structural Connectome Hubs: A Machine Learning Study. Annals of Neurology, 2020, 88, 970-983. | 2.8 | 68 |
| 5660 | Reduced monoaminergic nuclei MRI signal detectable in pre-symptomatic older adults with future memory decline. Scientific Reports, 2020, 10, 18707. | 1.6 | 15 |
| 5661 | Brain structural network alterations related to serum cortisol levels in drug-naÃ⁻ve, first-episode major depressive disorder patients: a source-based morphometric study. Scientific Reports, 2020, 10, 22096. | 1.6 | 11 |
| 5662 | Anatomical Landmarks and DAG Network Learning for Alzheimer's Disease Diagnosis. IEEE Access, 2020, 8, 206063-206073. | 2.6 | 11 |
| 5663 | Mutant huntingtin and neurofilament light have distinct longitudinal dynamics in Huntington's disease. Science Translational Medicine, 2020, 12, . | 5.8 | 64 |
| 5664 | Increased Left Putamen Volume Correlates With Pain in Ankylosing Spondylitis Patients. Frontiers in Neurology, 2020, 11, 607646. | 1.1 | 3 |
| 5665 | Daily and intermittent smoking are associated with low prefrontal volume and low concentrations of prefrontal glutamate, creatine, myoâ€inositol, and <i>N</i> â€acetylaspartate. Addiction Biology, 2021, 26, e12986. | 1.4 | 10 |
| 5666 | Distinct Associations of Cognitive Impairments and Reduced Gray Matter Volumes in Remitted Patients with Schizophrenia and Bipolar Disorder. Neural Plasticity, 2020, 2020, 1-9. | 1.0 | 10 |
| 5667 | Neuroplasticity in children and adolescents in response to treatment intervention: A systematic review of the literature. Clinical and Translational Neuroscience, 2020, 4, 2514183X2097423. | 0.4 | 17 |
| 5668 | Abnormal Connectivity and Brain Structure in Patients With Visual Snow. Frontiers in Human Neuroscience, 2020, 14, 582031. | 1.0 | 33 |
| 5669 | Menstrual Cycle Variations in Gray Matter Volume, White Matter Volume and Functional Connectivity: Critical Impact on Parietal Lobe. Frontiers in Neuroscience, 2020, 14, 594588. | 1.4 | 16 |
| 5670 | Grey and white matter volumes in early childhood: A comparison of voxel-based morphometry pipelines. Developmental Cognitive Neuroscience, 2020, 46, 100875. | 1.9 | 10 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5671 | Higher Trait Impulsivity and Altered Frontostriatal Connectivity in Betel-Quid Dependent Individuals. Frontiers in Human Neuroscience, 2020, 14, 578913. | 1.0 | 3 |
| 5672 | At the Heart of Neurological Dimensionality: Cross-Nosological and Multimodal Cardiac Interoceptive Deficits. Psychosomatic Medicine, 2020, 82, 850-861. | 1.3 | 22 |
| 5673 | Computational Diffusion MRI. Mathematics and Visualization, 2020, , . | 0.4 | 1 |
| 5674 | The prediction of resilience to alcohol consumption in youths: insular and subcallosal cingulate myeloarchitecture. Psychological Medicine, 2022, 52, 2032-2042. | 2.7 | 3 |
| 5675 | A neural mechanism for affective well-being: Subgenual cingulate cortex mediates real-life effects of nonexercise activity on energy. Science Advances, 2020, 6, . | 4.7 | 19 |
| 5676 | Brainstem Volumetric Integrity in Preclinical and Prodromal Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 77, 1579-1594. | 1.2 | 19 |
| 5677 | Spatial Normalization Using Early-Phase [18F]FP-CIT PET for Quantification of Striatal Dopamine Transporter Binding. Nuclear Medicine and Molecular Imaging, 2020, 54, 305-314. | 0.6 | 4 |
| 5678 | Neural bases of the clinical and neurocognitive differences between earlyand late-onset obsessive–compulsive disorder. Journal of Psychiatry and Neuroscience, 2020, 45, 234-242. | 1.4 | 9 |
| 5679 | Overview of Positron Emission Tomography (PET) for Brain Functions Degeneration Classification. , 2020, , . | | 1 |
| 5680 | Robust arterial transit time and cerebral blood flow estimation using combined acquisition of Hadamardâ€encoded multiâ€delay and longâ€dabeled longâ€delay pseudoâ€continuous arterial spin labeling: a simulation and in vivo study. NMR in Biomedicine, 2020, 33, e4319. | 1.6 | 12 |
| 5681 | Evaluating 2-[18F]FDG-PET in differential diagnosis of dementia using a data-driven decision model. NeuroImage: Clinical, 2020, 27, 102267. | 1.4 | 9 |
| 5682 | Cytoarchitectonic Mapping of MRI Detects Rapid Changes in Alzheimer's Disease. Frontiers in Neurology, 2020, 11, 241. | 1.1 | 4 |
| 5683 | Gray Matter Covariance Networks as Classifiers and Predictors of Cognitive Function in Alzheimer's Disease. Frontiers in Psychiatry, 2020, 11, 360. | 1.3 | 1 |
| 5684 | Negative correlation between grey matter in the hippocampus and caudate nucleus in healthy aging. Hippocampus, 2020, 30, 892-908. | 0.9 | 9 |
| 5685 | A Meta-Analysis of Gray Matter Differences Between Bilinguals and Monolinguals. Frontiers in Human Neuroscience, 2020, 14, 146. | 1.0 | 8 |
| 5686 | Al in Medical Imaging Informatics: Current Challenges and Future Directions. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1837-1857. | 3.9 | 215 |
| 5687 | Assessing White Matter Pathology in Early-Stage Parkinson Disease Using Diffusion MRI: A Systematic Review. Frontiers in Neurology, 2020, 11, 314. | 1.1 | 25 |
| 5688 | Morphological changes in secondary, but not primary, sensory cortex in individuals with life-long olfactory sensory deprivation. NeuroImage, 2020, 218, 117005. | 2.1 | 19 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5689 | Accuracy of MRI Classification Algorithms in a Tertiary Memory Center Clinical Routine Cohort. Journal of Alzheimer's Disease, 2020, 74, 1157-1166. | 1.2 | 19 |
| 5690 | Radiological classification of dementia from anatomical MRI assisted by machine learning-derived maps. Journal of Neuroradiology, 2021, 48, 412-418. | 0.6 | 18 |
| 5691 | Jointly Analyzing Alzheimer's Disease Related Structure-Function Using Deep Cross-Model Attention Network. , 2020, , . | | 10 |
| 5692 | A Regions of Interest Voxelâ€Based Morphometry Study of the Human Brain During Highâ€Frequency Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome. Pain Practice, 2020, 20, 878-888. | 0.9 | 10 |
| 5693 | Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. PLoS Biology, 2020, 18, e3000605. | 2.6 | 24 |
| 5694 | Cortical surface area of the left frontal pole is associated with visuospatial working memory capacity. Neuropsychologia, 2020, 143, 107486. | 0.7 | 5 |
| 5695 | Occupational Neuroplasticity in the Human Brain: A Critical Review and Meta-Analysis of Neuroimaging Studies. Frontiers in Human Neuroscience, 2020, 14, 215. | 1.0 | 23 |
| 5696 | MRI Segmentation and Classification of Human Brain Using Deep Learning for Diagnosis of Alzheimer's Disease: A Survey. Sensors, 2020, 20, 3243. | 2.1 | 109 |
| 5697 | Voxel-Based Morphometry—from Hype to Hope. A Study on Hippocampal Atrophy in Mesial Temporal Lobe Epilepsy. American Journal of Neuroradiology, 2020, 41, 987-993. | 1.2 | 8 |
| 5698 | An independent component analysis reveals brain structural networks related to TNF-α in drug-naÃ ⁻ ve, first-episode major depressive disorder: a source-based morphometric study. Translational Psychiatry, 2020, 10, 187. | 2.4 | 20 |
| 5699 | Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. NeuroImage: Clinical, 2020, 27, 102303. | 1.4 | 4 |
| 5700 | Large-Scale Structural Covariance Networks Predict Age in Middle-to-Late Adulthood: A Novel Brain Aging Biomarker. Cerebral Cortex, 2020, 30, 5844-5862. | 1.6 | 26 |
| 5701 | A Systematic Characterization of Structural Brain Changes in Schizophrenia. Neuroscience Bulletin, 2020, 36, 1107-1122. | 1,5 | 12 |
| 5702 | Speaking of aging: Changes in gray matter asymmetry in Broca's area in later adulthood. Cortex, 2020, 129, 133-140. | 1.1 | 5 |
| 5703 | Sensorimotor white matter projections and disease severity in primary Restless Legs Syndrome/Willis-Ekbom disease: a multimodal DTI analysis. Sleep Medicine, 2020, 73, 106-116. | 0.8 | 10 |
| 5704 | Neurostructural correlates of hope: dispositional hope mediates the impact of the SMA gray matter volume on subjective well-being in late adolescence. Social Cognitive and Affective Neuroscience, 2020, 15, 395-404. | 1.5 | 54 |
| 5705 | A High-Powered Brain Age Prediction Model Based on Convolutional Neural Network. , 2020, , . | | 2 |
| 5706 | Salience Network Atrophy Links Neuron Type-Specific Pathobiology to Loss of Empathy in Frontotemporal Dementia. Cerebral Cortex, 2020, 30, 5387-5399. | 1.6 | 37 |

ARTICLE IF CITATIONS Lower gray matter volumes of frontal lobes and insula in adolescents with anorexia nervosa 5707 0.1 9 restricting type: Findings from a Brain Morphometry Study. European Psychiatry, 2020, 63, e27. The gains of a 4â€week cognitive training are not modulated by novelty. Human Brain Mapping, 2020, 41, 5708 <u>2596-2</u>610. MRI of Motor and Nonmotor Therapyâ€Induced Complications in Parkinson's Disease. Movement 5709 2.2 8 Disorders, 2020, 35, 724-740. White Matter Abnormalities in Anorexia Nervosa: Psychoradiologic Evidence From Meta-Analysis of Diffusion Tensor Imaging Studies Using Tract Based Spatial Statistics. Frontiers in Neuroscience, 2020, 5710 14, 159. An overview of the first 5 years of the ENIGMA obsessive–compulsive disorder working group: The 5711 1.9 51 power of worldwide collaboration. Human Brain Mapping, 2022, 43, 23-36. Structural and Functional Alterations in the Contralesional Medial Temporal Lobe in Glioma Patients. 5712 1.4 Frontiers in Neuroscience, 2020, 14, 10. Vitamin D concentration and focal brain atrophy in older adults: a voxelâ€based morphometric study. 5713 1.7 11 Annals of Clinical and Translational Neurology, 2020, 7, 554-558. Atrophy of right inferior frontal orbital gyrus and frontoparietal functional connectivity 5714 1.1 abnormality in depressed suicide attempters. Brain Imaging and Behavior, 2020, 14, 2542-2552. The cerebellum is associated with 2-year prognosis in patients with high-frequency migraine. Journal 5715 2.5 21 of Headache and Pain, 2020, 21, 29. 5716 Metabolic lesion-deficit mapping of human cognition. Brain, 2020, 143, 877-890. Conventional and Deep Learning Methods for Skull Stripping in Brain MRI. Applied Sciences 5717 1.3 30 (Switzerland), 2020, 10, 1773. Cognitive Function in Genetic Generalized Epilepsies: Insights From Neuropsychology and 5718 1.1 Neuroimaging. Frontiers in Neurology, 2020, 11, 144. NeAT: a Nonlinear Analysis Toolbox for Neuroimaging. Neuroinformatics, 2020, 18, 517-530. 5719 1.5 0 Creation of an anthropomorphic CT head phantom for verification of image segmentation. Medical Physics, 2020, 47, 2380-2391. 5720 1.6 In Vivo Imaging of Neuroinflammatory Targets in Treatment-Resistant Epilepsy. Current Neurology and 5721 2.0 15 Neuroscience Reports, 2020, 20, 5. Baseline Brain Gray Matter Volume as a Predictor of Acupuncture Outcome in Treating Migraine. 1.1 Frontiers in Neurology, 2020, 11, 111. Brain structure and symptom dimensions in borderline personality disorder. European Psychiatry, 5723 0.1 9 2020, 63, e9. Magia: Robust Automated Image Processing and Kinetic Modeling Toolbox for PET Neuroinformatics. 5724 1.3 Frontiers in Neuroinformatics, 2020, 14, 3.

ARTICLE IF CITATIONS Increased Nucleus Accumbens Volume in College Binge Drinkers - Preliminary Evidence From Manually 5725 1.3 12 Segmented MRI Analysis. Frontiers in Psychiatry, 2019, 10, 1005. On the value of QSM from MPRAGE for segmenting and quantifying ironâ€rich deep gray matter. Magnetic Resonance in Medicine, 2020, 84, 1486-1500. 1.9 Structural brain differences between ultra-endurance athletes and sedentary persons. Sports 5727 0.7 3 Medicine and Health Science, 2020, 2, 89-94. Brain structural correlates of schizotypal signs and subclinical schizophrenia nuclear symptoms in healthy individuals. Psychological Medicine, 2022, 52, 342-351. Neurocognitive signatures of phonemic sequencing in expert backward speakers. Scientific Reports, 5729 10 1.6 2020, 10, 10621. Learning Latent Structure Over Deep Fusion Model of Mild Cognitive Impairment., 2020, , . Effect of radiation therapy on cerebral cortical thickness in glioma patients: Treatment-induced 5731 0.4 17 thinning of the healthy cortex. Neuro-Oncology Advances, 2020, 2, vdaa060. Longitudinal flortaucipir ([18F]AV-1451) PET uptake in semantic dementia. Neurobiology of Aging, 2020, 1.5 92, 135-140. VBM sensitivity to localization and extent of mouse brain lesions: A simulation approach. Computer 5733 2.6 3 Methods and Programs in Biomedicine, 2020, 196, 105636. 5734 Sex-driven modifiers of Alzheimer risk. Neurology, 2020, 95, e166-e178. 1.5 Trait and state anxiety are mapped differently in the human brain. Scientific Reports, 2020, 10, 11112. 5735 106 1.6 Preliminary Assessment of Intravoxel Incoherent Motion <scp>Diffusionâ€Weighted MRI</scp> (<scp>IVIMâ€DWI</scp>) Metrics in Alzheimer's Disease. Journal of Magnetic Resonance Imaging, 2020, 52, 1.9 1811-1826. Metabolic activity in subcallosal cingulate predicts response to deep brain stimulation for 5737 2.8 35 depression. Neuropsychopharmacology, 2020, 45, 1681-1688. Age effect on gray matter volume changes after sleep restriction. PLoS ONE, 2020, 15, e0228473. 5738 1.1 Disentangling the Effects of Spinal Cord Injury and Related Neuropathic Pain on Supraspinal 5739 1.1 18 Neuroplasticity: A Systematic Review on Neuroimaging. Frontiers in Neurology, 2019, 10, 1413. Alterations in the Brain Structure and Functional Connectivity in Aquaporin-4 Antibody-Positive 5740 Neuromyelitis Optica Spectrum Disorder. Frontiers in Neuroscience, 2019, 13, 1362. Neurocognitive and psychiatric disordersâ€related axonal degeneration in Parkinson's disease. Journal 5741 1.315 of Neuroscience Research, 2020, 98, 936-949. Clinical Implication of Altered Inhibitory Response in Patients with Post-traumatic Stress Disorder: 5742 Electrophysiological Evidence from a Go/Nogo Task. Brain Topography, 2020, 33, 208-220.

| # | Article | IF | CITATIONS |
|------|---|----------------|------------------|
| 5743 | Brain Structural and Functional Alterations Specific to Low Sleep Efficiency in Major Depressive Disorder. Frontiers in Neuroscience, 2020, 14, 50. | 1.4 | 28 |
| 5744 | A combination of 3-D discrete wavelet transform and 3-D local binary pattern for classification of mild cognitive impairment. BMC Medical Informatics and Decision Making, 2020, 20, 37. | 1.5 | 16 |
| 5745 | Multimodal Abnormalities of Brain Structure and Function in Major Depressive Disorder: A Meta-Analysis of Neuroimaging Studies. American Journal of Psychiatry, 2020, 177, 422-434. | 4.0 | 194 |
| 5746 | High-resolution T2-FLAIR and non-contrast CT brain atlas of the elderly. Scientific Data, 2020, 7, 56. | 2.4 | 20 |
| 5747 | Study of functional magnetic resonance imaging (fMRI) in children and adolescents with specific learning disorder (dyslexia). Asian Journal of Psychiatry, 2020, 50, 101945. | 0.9 | 7 |
| 5748 | Structural and functional imaging markers for susceptibility to psychosis. Molecular Psychiatry, 2020, 25, 2773-2785. | 4.1 | 64 |
| 5749 | Broca's Area Is Not a Natural Kind. Trends in Cognitive Sciences, 2020, 24, 270-284. | 4.0 | 163 |
| 5750 | Measured volumes using segmented tissue probability data obtained using statistical parametric mapping 12 were not influenced by the contrasts of analyzed images. Journal of Clinical Neuroscience, 2020, 74, 69-75. | 0.8 | Ο |
| 5751 | BrainAGE and regional volumetric analysis of a Buddhist monk: a longitudinal MRI case study. Neurocase, 2020, 26, 79-90. | 0.2 | 11 |
| 5752 | Translational Neuroscience of Speech and Language Disorders. Contemporary Clinical Neuroscience, 2020, , . | 0.3 | 3 |
| 5753 | Neuroimaging studies in people at clinical high risk for psychosis. , 2020, , 167-182. | | 1 |
| 5754 | Colocalized White Matter Plasticity and Increased Cerebral Blood Flow Mediate the Beneficial Effect of Cardiovascular Exercise on Long-Term Motor Learning. Journal of Neuroscience, 2020, 40, 2416-2429. | 1.7 | 33 |
| 5755 | Effects of an In-home Multicomponent Exergame Training on Physical Functions, Cognition, and Brain Volume of Older Adults: A Randomized Controlled Trial. Frontiers in Medicine, 2019, 6, 321. | 1.2 | 62 |
| 5756 | Brain functional changes in tibetan with obstructive sleep apnea hypopnea syndrome. Medicine (United) Tj ETQq1 | 10.7843 0.4 | 14 rgBT /0 13 |
| 5757 | Cognitive inhibition impairments in presymptomatic <i>C9orf72</i> carriers. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 366-372. | 0.9 | 14 |
| 5758 | Simultaneous voxelâ€based magnetic susceptibility and morphometry analysis using magnetizationâ€prepared spoiled turbo multiple gradient echo. NMR in Biomedicine, 2020, 33, e4272. | 1.6 | 19 |
| 5759 | Voxel-based analysis in radiation oncology: A methodological cookbook. Physica Medica, 2020, 69, 192-204. | 0.4 | 46 |
| 5760 | Dynamic changes of views on the brain changes of Cushing's syndrome using different computer-assisted tool. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 185-200. | 2.6 | 6 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5761 | Convergent creative thinking performance is associated with white matter structures: Evidence from a large sample study. Neurolmage, 2020, 210, 116577. | 2.1 | 7 |
| 5762 | Brain Metabolism but Not Gray Matter Volume Underlies the Presence of Language Function in the Minimally Conscious State (MCS): MCS+ Versus MCSâ^' Neuroimaging Differences. Neurorehabilitation and Neural Repair, 2020, 34, 172-184. | 1.4 | 26 |
| 5763 | Reduced gray matter volume and cortical thickness associated with traffic-related air pollution in a longitudinally studied pediatric cohort. PLoS ONE, 2020, 15, e0228092. | 1.1 | 40 |
| 5764 | Brain Damage With Heart Failure. Circulation Research, 2020, 126, 750-764. | 2.0 | 45 |
| 5765 | Subcortical gray matter changes in pediatric patients with new-onset juvenile myoclonic epilepsy. Epilepsy and Behavior, 2020, 104, 106860. | 0.9 | 7 |
| 5766 | Structural brain changes in young males addicted to video-gaming. Brain and Cognition, 2020, 139, 105518. | 0.8 | 17 |
| 5767 | Effects of the LHPP gene polymorphism on the functional and structural changes of gray matter in major depressive disorder. Quantitative Imaging in Medicine and Surgery, 2020, 10, 257-268. | 1.1 | 17 |
| 5768 | Neuroanatomy of dyslexia: An allometric approach. European Journal of Neuroscience, 2020, 52, 3595-3609. | 1.2 | 5 |
| 5769 | Prominent White Matter Involvement in Multiple System Atrophy of Cerebellar Type. Movement Disorders, 2020, 35, 816-824. | 2.2 | 15 |
| 5770 | Fast Polynomial Approximation of Heat Kernel Convolution on Manifolds and Its Application to Brain Sulcal and Gyral Graph Pattern Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 2201-2212. | 5.4 | 19 |
| 5771 | Comparison of shape alterations of the thalamus and caudate nucleus between drug-naÃ⁻ve major depressive disorder patients and healthy controls. Journal of Affective Disorders, 2020, 264, 279-285. | 2.0 | 9 |
| 5772 | Normative brain volume reports may improve differential diagnosis of dementing neurodegenerative diseases in clinical practice. European Radiology, 2020, 30, 2821-2829. | 2.3 | 27 |
| 5773 | Alterations in cerebellar grey matter structure and covariance networks in young people with Tourette syndrome. Cortex, 2020, 126, 1-15. | 1.1 | 22 |
| 5774 | Selection of memory clinic patients for CSF biomarker assessment can be restricted to a quarter of cases by using computerized decision support, without compromising diagnostic accuracy. PLoS ONE, 2020, 15, e0226784. | 1.1 | 7 |
| 5775 | Hippocampal subregions and networks linked with antidepressant response to electroconvulsive therapy. Molecular Psychiatry, 2021, 26, 4288-4299. | 4.1 | 25 |
| 5776 | The Functional Neuroanatomy of Developmental Dyslexia Across Languages and Writing Systems. Frontiers in Psychology, 2020, 11, 155. | 1.1 | 42 |
| 5777 | Differences in Brain Volume between Metabolically Healthy and Unhealthy Overweight and Obese Children: The Role of Fitness. Journal of Clinical Medicine, 2020, 9, 1059. | 1.0 | 9 |
| 5778 | Comparison of Differences in Brain Structure Between Teenagers and Twenties Brain Using 3ÂT Magnetic Resonance Imaging. Applied Magnetic Resonance, 2020, 51, 255-276. | 0.6 | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5779 | Computing Univariate Neurodegenerative Biomarkers with Volumetric Optimal Transportation: A Pilot Study. Neuroinformatics, 2020, 18, 531-548. | 1.5 | 3 |
| 5780 | Morphological and microstructural brain changes in thyroid-associated ophthalmopathy: a combined voxel-based morphometry and diffusion tensor imaging study. Journal of Endocrinological Investigation, 2020, 43, 1591-1598. | 1.8 | 23 |
| 5781 | Distinct Components in the Right Extended Frontal Aslant Tract Mediate Language and Working Memory Performance: A Tractography-Informed VBM Study. Frontiers in Neuroanatomy, 2020, 14, 21. | 0.9 | 11 |
| 5782 | The relationship between executive functions and fluid intelligence in multiple sclerosis. PLoS ONE, 2020, 15, e0231868. | 1.1 | 10 |
| 5783 | Long-Term Physical Exercise and Mindfulness Practice in an Aging Population. Frontiers in Psychology, 2020, 11, 358. | 1.1 | 11 |
| 5784 | A unified model of shared brain structural alterations in patients with different mental disorders who experience ownâ€thought auditory verbal hallucinations—A pilot study. Brain and Behavior, 2020, 10, e01614. | 1.0 | 4 |
| 5785 | MRI-based biomarkers of accelerated aging and dementia risk in midlife: how close are we?. Ageing Research Reviews, 2020, 61, 101075. | 5.0 | 24 |
| 5786 | Genetic Contributions to Multivariate Data-Driven Brain Networks Constructed via Source-Based Morphometry. Cerebral Cortex, 2020, 30, 4899-4913. | 1.6 | 7 |
| 5787 | From a deep learning model back to the brain—Identifying regional predictors and their relation to aging. Human Brain Mapping, 2020, 41, 3235-3252. | 1.9 | 62 |
| 5788 | Unified and disease specific alterations to brain structure in patients across six categories of mental disorders who experience own-thought auditory verbal hallucinations: A pilot study. Brain Research Bulletin, 2020, 160, 33-39. | 1.4 | 3 |
| 5789 | Early diagnosis of Alzheimer's disease: the role of biomarkers including advanced EEG signal analysis. Report from the IFCN-sponsored panel of experts. Clinical Neurophysiology, 2020, 131, 1287-1310. | 0.7 | 123 |
| 5790 | Predicting differential diagnosis between bipolar and unipolar depression with multiple kernel learning on multimodal structural neuroimaging. European Neuropsychopharmacology, 2020, 34, 28-38. | 0.3 | 36 |
| 5791 | The CRUNCH model does not account for load-dependent changes in visuospatial working memory in older adults. Neuropsychologia, 2020, 142, 107446. | 0.7 | 23 |
| 5792 | Neurological soft signs (NSS) and gray matter volume (GMV) in first-episode psychosis: An analysis of NSS motor subscores. Psychiatry Research - Neuroimaging, 2020, 300, 111067. | 0.9 | 10 |
| 5793 | The gray matter volume of the temporoparietal junction varies across cultures: a moderating role of the dopamine D4 receptor gene (<i>DRD4</i>). Social Cognitive and Affective Neuroscience, 2020, 15, 193-202. | 1.5 | 10 |
| 5794 | Detecting Abnormal Brain Regions in Schizophrenia Using Structural MRI via Machine Learning. Computational Intelligence and Neuroscience, 2020, 2020, 1-13. | 1.1 | 22 |
| 5795 | Vitamin E Intake Is Associated with Lower Brain Volume in Haptoglobin 1-1 Elderly with Type 2 Diabetes. Journal of Alzheimer's Disease, 2020, 74, 649-658. | 1.2 | 2 |
| 5796 | Brain Morphometry Estimation: From Hours to Seconds Using Deep Learning. Frontiers in Neurology, 2020, 11, 244. | 1.1 | 14 |

ARTICLE IF CITATIONS The impact of aging on the subregions of the fusiform gyrus in healthy older adults. Journal of 5797 1.3 8 Neuroscience Research, 2021, 99, 263-270. Sex differences in the brains of capuchin monkeys (<i>Sapajus [Cebus] apella</i>). Journal of 5798 Comparative Neurology, 2021, 529, 327-339. Preservation of Gray Matter Volume in Early Stage of Bipolar Disorder: A Case for Early Intervention: 5799 Préservation du volume de matià re grise au stade précoce du trouble bipolaire: un cas pour 0.9 8 intervention précoce. Canadian Journal of Psychiatry, 2021, 66, 139-146. Cellular Circuits in the Brain and Their Modulation in Acute and Chronic Pain. Physiological Reviews, 13.1 2021, 101, 213-258. Influence of Mild White Matter Lesions on Voxel-based Morphometry. Magnetic Resonance in Medical 5801 1.1 3 Sciences, 2021, 20, 40-46. Neuroanatomical substrates accounting for the effect of present hedonistic time perspective on risk 5802 preference: the mediating role of right posterior parietal cortex. Brain Imaging and Behavior, 2021, 15, 1.1 244-254. Modeling of Neonatal Skull Development Using Computed Tomography Images. Irbm, 2021, 42, 19-27. 5803 3.7 5 Efficacy of spoken word comprehension therapy in patients with chronic aphasia: a cross-over randomised controlled trial with structural imaging. Journal of Neurology, Neurosurgery and 5804 Psychiatry, 2021, 92, 418-424. Neuropsychological, Neurocognitive, Vestibular, and Neuroimaging Correlates of Exposure to 5805 Repetitive Low-Level Blast Waves: Evidence From Four Nonoverlapping Samples of Canadian Breachers. 0.4 12 Military Medicine, 2021, 186, e393-e400. Machine learning for filtering out false positive grey matter atrophies in single subject voxel based morphometry: A simulation based study. Journal of the Neurological Sciences, 2021, 420, 117220. Development of the paternal brain in expectant fathers during early pregnancy. NeuroImage, 2021, 225, 5807 2.1 10 117527. Diffuse white matter loss in a transgenic rat model of cerebral amyloid angiopathy. Journal of 2.4 Cerebral Blood Flow and Metabolism, 2021, 41, 1103-1118. 5809 Laterality 2020: entering the next decade. Laterality, 2021, 26, 265-297. 0.5 48 Cholinergic nucleus 4 atrophy and gait impairment in Parkinson's disease. Journal of Neurology, 2021, 1.8 268, 95-101. Freeâ€breathing liver fat and quantification using motionâ€corrected averaging based on a nonlocal 5811 2 1.9 means algorithm. Magnetic Resonance in Medicine, 2021, 85, 653-666. Subjective Cognitive Complaints Given in Questionnaire: Relationship With Brain Structure, Cognitive Performance and Self-Reported Depressive Symptoms in a 25-Year Retrospective Cohort Study. 14 American Journal of Geriatric Psychiatry, 2021, 29, 217-226. Multi-scale graph-based grading for Alzheimer's disease prediction. Medical Image Analysis, 2021, 67, 5813 7.0 28 101850. Highly proficient, balanced bilingualism is related to thinner cortex in two cognitive control 5814 1.8 regions. Annals of the New York Academy of Sciences, 2021, 1485, 83-94.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5815 | Visual cortex changes in children with sickle cell disease and normal visual acuity: a multimodal magnetic resonance imaging study. British Journal of Haematology, 2021, 192, 151-157. | 1.2 | 4 |
| 5816 | Neuroimaging Detectable Differences between Parkinson's Disease Motor Subtypes: A Systematic Review. Movement Disorders Clinical Practice, 2021, 8, 175-192. | 0.8 | 25 |
| 5817 | Alzheimer's disease classification using features extracted from nonsubsampled contourlet subband-based individual networks. Neurocomputing, 2021, 421, 260-272. | 3.5 | 23 |
| 5818 | Cortical morphometry and neural dysfunction in Huntington's disease: a review. European Journal of Neurology, 2021, 28, 1406-1419. | 1.7 | 6 |
| 5819 | Examining the relationship between gray matter volume and a continuous measure of bipolarity in unmedicated unipolar and bipolar depression. Journal of Affective Disorders, 2021, 280, 105-113. | 2.0 | 2 |
| 5820 | Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. Cerebral Cortex, 2021, 31, 1464-1477. | 1.6 | 17 |
| 5821 | A multidisciplinary approach to insanity assessment as a way to reduce cognitive biases. Forensic Science International, 2021, 319, 110652. | 1.3 | 5 |
| 5822 | Effects of deafness and sign language experience on the human brain: voxel-based and surface-based morphometry. Language, Cognition and Neuroscience, 2021, 36, 422-439. | 0.7 | 8 |
| 5823 | Regional Strength of Large-Scale Functional Brain Networks is Associated with Regional Volumes in Older Adults and in Alzheimer's Disease. Brain Connectivity, 2021, 11, 201-212. | 0.8 | 8 |
| 5824 | Classification of PPMI MRI scans with voxel-based morphometry and machine learning to assist in the diagnosis of Parkinson's disease. Computer Methods and Programs in Biomedicine, 2021, 198, 105793. | 2.6 | 63 |
| 5825 | Learning Common Harmonic Waves on Stiefel Manifold – A New Mathematical Approach for Brain Network Analyses. IEEE Transactions on Medical Imaging, 2021, 40, 419-430. | 5.4 | 14 |
| 5826 | Disruption of gray matter morphological networks in patients with paroxysmal kinesigenic dyskinesia. Human Brain Mapping, 2021, 42, 398-411. | 1.9 | 23 |
| 5827 | Topographic Distribution of Amyloid-β, Tau, and Atrophy in Patients With Behavioral/Dysexecutive Alzheimer Disease. Neurology, 2021, 96, e81-e92. | 1.5 | 31 |
| 5828 | Magnetic resonance imaging changes in Asian people living with HIV. Infectious Diseases, 2021, 53, 89-93. | 1.4 | 1 |
| 5829 | The Speed of Development of Adolescent Brain Age Depends on Sex and Is Genetically Determined. Cerebral Cortex, 2021, 31, 1296-1306. | 1.6 | 35 |
| 5830 | Learning joint segmentation of tissues and brain lesions from task-specific hetero-modal domain-shifted datasets. Medical Image Analysis, 2021, 67, 101862. | 7.0 | 16 |
| 5831 | Phenylalanine Effects on Brain Function in Adult Phenylketonuria. Neurology, 2021, 96, e399-e411. | 1.5 | 29 |
| 5832 | Sex-Dependent Effects of theAPOEÉ>4 Allele on Behavioral Traits and White Matter Structures in Young Adults. Cerebral Cortex, 2021, 31, 672-680. | 1.6 | 4 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5833 | Grey matter abnormalities in firstâ€episode mania: A systematic review and metaâ€analysis of voxelâ€based morphometry studies. Bipolar Disorders, 2021, 23, 228-240. | 1.1 | 18 |
| 5834 | Automated age- and sex-specific volumetric estimation of regional brain atrophy: workflow and feasibility. European Radiology, 2021, 31, 1043-1048. | 2.3 | 12 |
| 5835 | Brain volume changes in spontaneous intracranial hypotension: Revisiting the Monro-Kellie doctrine. Cephalalgia, 2021, 41, 58-68. | 1.8 | 4 |
| 5836 | Multi-Task Sparse Canonical Correlation Analysis with Application to Multi-Modal Brain Imaging Genetics. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 227-239. | 1.9 | 25 |
| 5837 | The relationship between grey matter volume and striatal dopamine function in psychosis: a multimodal 18F-DOPA PET and voxel-based morphometry study. Molecular Psychiatry, 2021, 26, 1332-1345. | 4.1 | 23 |
| 5838 | Brainstem atrophy in the early stage of Alzheimer's disease: a voxel-based morphometry study. Brain Imaging and Behavior, 2021, 15, 49-59. | 1.1 | 26 |
| 5840 | Diminished Age-related Decline of the Amygdala in Long-term Meditation Practitioners. Psychosomatic Medicine, 2021, Publish Ahead of Print, 650-654. | 1.3 | 2 |
| 5841 | Advance Machine Learning Methods for Dyslexia Biomarker Detection: A Review of Implementation Details and Challenges. IEEE Access, 2021, 9, 36879-36897. | 2.6 | 38 |
| 5842 | Widespread white matter aberration is associated with the severity of apathy in amnestic Mild Cognitive Impairment: Tract-based spatial statistics analysis. NeuroImage: Clinical, 2021, 29, 102567. | 1.4 | 14 |
| 5843 | Translational application of neuroimaging in major depressive disorder: a review of psychoradiological studies. Frontiers of Medicine, 2021, 15, 528-540. | 1.5 | 8 |
| 5844 | Synth-by-Reg (SbR): Contrastive Learning for Synthesis-Based Registration of Paired Images. Lecture Notes in Computer Science, 2021, 12965, 44-54. | 1.0 | 6 |
| 5845 | OUP accepted manuscript. Cerebral Cortex, 2021, , . | 1.6 | 3 |
| 5846 | Role of dopamine and gray matter density in aging effects and individual differences of functional connectomes. Brain Structure and Function, 2021, 226, 743-758. | 1.2 | 9 |
| 5848 | An Explainable 3D Residual Self-Attention Deep Neural Network for Joint Atrophy Localization and Alzheimer's Disease Diagnosis Using Structural MRI. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5289-5297. | 3.9 | 49 |
| 5849 | Genetic underpinnings of risky behaviour relate to altered neuroanatomy. Nature Human Behaviour, 2021, 5, 787-794. | 6.2 | 20 |
| 5850 | Cross-cohort generalizability of deep and conventional machine learning for MRI-based diagnosis and prediction of Alzheimer's disease. NeuroImage: Clinical, 2021, 31, 102712. | 1.4 | 42 |
| 5851 | Obesity and Brain Vulnerability in Normal and Abnormal Aging: A Multimodal MRI Study. Journal of Alzheimer's Disease Reports, 2021, 5, 65-77. | 1.2 | 11 |
| 5852 | Pathophysiology of Grey Matter Affection in MS. Neuromethods, 2021, , 47-60. | 0.2 | 0 |

| # | Article | IF | CITATIONS |
|------|---|------|-----------|
| 5853 | Temporal and extratemporal atrophic manifestation of temporal lobe epilepsy using voxel-based morphometry and corticometry: clinical application in lateralization of epileptogenic zone. Neurological Sciences, 2021, 42, 3305-3325. | 0.9 | 12 |
| 5854 | Gray matter abnormalities follow non-random patterns of co-alteration in autism: Meta-connectomic evidence. NeuroImage: Clinical, 2021, 30, 102583. | 1.4 | 15 |
| 5855 | Brain atrophy and lesion burden are associated with disability progression in a multiple sclerosis real-world dataset using only T2-FLAIR: The NeuroSTREAM MSBase study. NeuroImage: Clinical, 2021, 32, 102802. | 1.4 | 5 |
| 5858 | Multimodal MRI Assessment of Thalamic Structural Changes in Earthquake Survivors. Diagnostics, 2021, 11, 70. | 1.3 | 3 |
| 5859 | Structural neuroimaging findings in bipolar disorders. , 2021, , 197-205. | | 0 |
| 5861 | Neural Basis and Motor Imagery Intervention Methodology Based on Neuroimaging Studies in Children With Developmental Coordination Disorders: A Review. Frontiers in Human Neuroscience, 2021, 15, 620599. | 1.0 | 7 |
| 5862 | Neuroimaging correlates of brain injury in Wilson's disease: a multimodal, whole-brain MRI study. Brain, 2022, 145, 263-275. | 3.7 | 16 |
| 5863 | A Novel Bayesian Semi-parametric Model for Learning Heritable Imaging Traits. Lecture Notes in Computer Science, 2021, 12905, 678-687. | 1.0 | 2 |
| 5864 | Decentralized Multisite VBM Analysis During Adolescence Shows Structural Changes Linked to Age, Body Mass Index, and Smoking: a COINSTAC Analysis. Neuroinformatics, 2021, 19, 553-566. | 1.5 | 11 |
| 5865 | Lesion Quantification Toolkit: A MATLAB software tool for estimating grey matter damage and white matter disconnections in patients with focal brain lesions. NeuroImage: Clinical, 2021, 30, 102639. | 1.4 | 60 |
| 5866 | Age Differences of the Hierarchical Cognitive Control and the Frontal Rostro–Caudal Functional Brain Activation. Cerebral Cortex, 2022, 32, 2797-2815. | 1.6 | 1 |
| 5867 | Comparison of Education and Episodic Memory as Modifiers of Brain Atrophy Effects on Cognitive Decline: Implications for Measuring Cognitive Reserve. Journal of the International Neuropsychological Society, 2021, 27, 401-411. | 1.2 | 15 |
| 5868 | Morphometrics in Evolutionary Developmental Biology. , 2021, , 941-951. | | 5 |
| 5869 | A Survey on Classification Algorithms of Brain Images in Alzheimer's Disease Based on Feature Extraction Techniques. IEEE Access, 2021, 9, 58503-58536. | 2.6 | 20 |
| 5870 | Improved Prediction of Cognitive Outcomes via Globally Aligned Imaging Biomarker Enrichments Over Progressions. IEEE Transactions on Biomedical Engineering, 2021, 68, 3336-3346. | 2.5 | 4 |
| 5871 | Changes of Brain Structure in Patients With Metastatic Non-Small Cell Lung Cancer After Long-Term Target Therapy With EGFR-TKI. Frontiers in Oncology, 2020, 10, 573512. | 1.3 | 1 |
| 5872 | From complex to neural networks. , 2021, , 137-154. | | 0 |
| 5873 | A Review of Neuroimaging-Driven Brain Age Estimation for Identification of Brain Disorders and Health Conditions. IEEE Reviews in Biomedical Engineering, 2023, 16, 371-385. | 13.1 | 19 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5874 | Extracting ROI-Based Contourlet Subband Energy Feature From the sMRI Image for Alzheimer's Disease Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 1627-1639. | 1.9 | 10 |
| 5875 | The interplay of emotional and social conceptual processes during moral reasoning in frontotemporal dementia. Brain, 2021, 144, 938-952. | 3.7 | 21 |
| 5876 | Region Ensemble Network for MCI Conversion Prediction with a Relation Regularized Loss. Lecture Notes in Computer Science, 2021, , 185-194. | 1.0 | 3 |
| 5877 | Clinically Available Software for Automatic Brain Volumetry: Comparisons of Volume Measurements and Validation of Intermethod Reliability. Korean Journal of Radiology, 2021, 22, 405. | 1.5 | 16 |
| 5878 | Comparison of Automated Brain Volume Measures by NeuroQuant vs. Freesurfer in Patients with Mild Cognitive Impairment: Effect of Slice Thickness. Yonsei Medical Journal, 2021, 62, 255. | 0.9 | 13 |
| 5879 | Clinical Application of MPRACE Wave Controlled Aliasing in Parallel Imaging (Wave-CAIPI): A Comparative Study with MPRACE GRAPPA. Magnetic Resonance in Medical Sciences, 2021, , . | 1.1 | 1 |
| 5880 | The relationship between hippocampal-dependent task performance and hippocampal grey matter myelination and iron content. Brain and Neuroscience Advances, 2021, 5, 239821282110119. | 1.8 | 7 |
| 5881 | Reviewing applications of structural and functional MRI for bipolar disorder. Japanese Journal of Radiology, 2021, 39, 414-423. | 1.0 | 10 |
| 5883 | Associations of Serum Liver Function Markers With Brain Structure, Function, and Perfusion in Healthy Young Adults. Frontiers in Neurology, 2021, 12, 606094. | 1.1 | 7 |
| 5884 | Machine Learning for Diagnosis of AD and Prediction of MCI Progression From Brain MRI Using Brain Anatomical Analysis Using Diffeomorphic Deformation. Frontiers in Neurology, 2020, 11, 576029. | 1.1 | 35 |
| 5885 | Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. Alcohol, 2021, 90, 57-65. | 0.8 | 6 |
| 5886 | Abnormal Gray Matter Volume and Functional Connectivity in Parkinson's Disease with Rapid Eye Movement Sleep Behavior Disorder. Parkinson's Disease, 2021, 2021, 1-11. | 0.6 | 9 |
| 5887 | Irregular sleep habits, regional grey matter volumes, and psychological functioning in adolescents. PLoS ONE, 2021, 16, e0243720. | 1.1 | 6 |
| 5888 | Translational Application of a Neuro-Scientific Multi-Modal Approach Into Forensic Psychiatric Evaluation: Why and How?. Frontiers in Psychiatry, 2021, 12, 597918. | 1.3 | 2 |
| 5889 | Replicating extensive brain structural heterogeneity in individuals with schizophrenia and bipolar disorder. Human Brain Mapping, 2021, 42, 2546-2555. | 1.9 | 42 |
| 5890 | Baseline resting-state functional connectivity determines subsequent pain ratings to a tonic ecologically valid experimental model of orofacial pain. Pain, 2021, 162, 2397-2404. | 2.0 | 5 |
| 5891 | Lower Hippocampal Volume in Patients with Schizophrenia and Bipolar Disorder: A Quantitative MRI Study. Journal of Personalized Medicine, 2021, 11, 121. | 1.1 | 5 |
| 5892 | Stability test of canonical correlation analysis for studying brainâ€behavior relationships: The effects of subjectâ€toâ€variable ratios and correlation strengths. Human Brain Mapping, 2021, 42, 2374-2392. | 1.9 | 8 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5893 | Cognitive impairment in mild traumatic brain injury: a diffusion kurtosis imaging and volumetric study. Acta Radiologica, 2022, 63, 504-512. | 0.5 | 5 |
| 5894 | Rehabilitation for Spinocerebellar Ataxia. , 0, , . | | 2 |
| 5895 | Registration quality filtering improves robustness of voxel-wise analyses to the choice of brain template. NeuroImage, 2021, 227, 117657. | 2.1 | 1 |
| 5896 | Altered Topological Properties of Grey Matter Structural Covariance Networks in Complete Thoracic Spinal Cord Injury Patients: A Graph Theoretical Network Analysis. Neural Plasticity, 2021, 2021, 1-11. | 1.0 | 7 |
| 5897 | Imaging Techniques in Alzheimer's Disease: A Review of Applications in Early Diagnosis and Longitudinal Monitoring. International Journal of Molecular Sciences, 2021, 22, 2110. | 1.8 | 79 |
| 5898 | Gray Matter Atrophy in the Cortico-Striatal-Thalamic Network and Sensorimotor Network in Relapsing–Remitting and Primary Progressive Multiple Sclerosis. Neuropsychology Review, 2021, 31, 703-720. | 2.5 | 6 |
| 5899 | Grey matter alterations in restless legs syndrome: A coordinateâ€based metaâ€analysis. Journal of Sleep Research, 2021, 30, e13298. | 1.7 | 5 |
| 5900 | Cellular correlates of gray matter volume changes in magnetic resonance morphometry identified by two-photon microscopy. Scientific Reports, 2021, 11, 4234. | 1.6 | 36 |
| 5901 | Seven-Day Pedometer-Assessed Step Counts and Brain Volume: A Population-Based Observational Study. Journal of Physical Activity and Health, 2021, 18, 157-164. | 1.0 | 3 |
| 5902 | Brain tissue volume estimation to detect Alzheimer's disease in magnetic resonance images. Soft Computing, 2021, 25, 10007-10017. | 2.1 | 3 |
| 5903 | Placental genomic risk scores and early neurodevelopmental outcomes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 25 |
| 5904 | Texture-based markers from structural imaging correlate with motor handicap in Parkinson's disease. Scientific Reports, 2021, 11, 2724. | 1.6 | 10 |
| 5906 | Stable Anatomy Detection in Multimodal Imaging Through Sparse Group Regularization: A Comparative Study of Iron Accumulation in the Aging Brain. Frontiers in Human Neuroscience, 2021, 15, 641616. | 1.0 | 0 |
| 5907 | Structural and Functional Changes Are Related to Cognitive Status in Wilson's Disease. Frontiers in Human Neuroscience, 2021, 15, 610947. | 1.0 | 9 |
| 5908 | Characterizing restingâ€state networks in Parkinson's disease: A multiâ€aspect functional connectivity study. Brain and Behavior, 2021, 11, e02101. | 1.0 | 8 |
| 5909 | Morphological Changes in Cortical and Subcortical Structures in Multiple System Atrophy Patients With Mild Cognitive Impairment. Frontiers in Human Neuroscience, 2021, 15, 649051. | 1.0 | 10 |
| 5910 | Gray Matter Density of the Dorsomedial Prefrontal Cortex Mediates the Relationship Between Catastrophizing and Anxiety in Somatic Symptom Disorder. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 757-764. | 1.0 | 3 |
| 5911 | Improved Odor Identification Ability and Increased Regional Gray Matter Volume After Olfactory Training in Patients With Idiopathic Olfactory Loss. I-Perception, 2021, 12, 204166952110058. | 0.8 | 10 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 5912 | A prospective longitudinal study shows putamen volume is associated with moderate amphetamine use and resultant cognitive impairments. Psychoradiology, 2021, 1, 3-12. | 1.0 | 4 |
| 5914 | The Brief Evaluation of Receptive Aphasia test for the detection of language impairment in patients with severe brain injury. Brain Injury, 2021, 35, 705-717. | 0.6 | 6 |
| 5915 | Long-term cognitive and multimodal imaging outcomes after carotid artery stenting vs intensive medication alone for severe asymptomatic carotid stenosis. Journal of the Formosan Medical Association, 2022, 121, 134-143. | 0.8 | 9 |
| 5916 | Predicting Cognitive Declines Using Longitudinally Enriched Representations for Imaging Biomarkers. IEEE Transactions on Medical Imaging, 2021, 40, 891-904. | 5.4 | 0 |
| 5917 | Brainstem substructures and cognition in prodromal Alzheimer's disease. Brain Imaging and Behavior, 2021, 15, 2572-2582. | 1.1 | 20 |
| 5918 | Neuroimaging Markers of Mal de Débarquement Syndrome. Frontiers in Neurology, 2021, 12, 636224. | 1.1 | 8 |
| 5919 | Structural, Functional, and Molecular Imaging of Autism Spectrum Disorder. Neuroscience Bulletin, 2021, 37, 1051-1071. | 1.5 | 34 |
| 5920 | The clinical relevance of gray matter atrophy and microstructural brain changes across the psychosis continuum. Schizophrenia Research, 2021, 229, 12-21. | 1.1 | 4 |
| 5921 | Apathy is associated with parietal cortical-subcortical dysfunction in ALS. Cortex, 2021, 145, 341-349. | 1.1 | 12 |
| 5922 | MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 608-616. | 0.9 | 10 |
| 5923 | Uses of Human MR and PET Imaging in Research of Neurodegenerative Brain Diseases. Neurotherapeutics, 2021, 18, 661-672. | 2.1 | 9 |
| 5925 | Cerebellar Degeneration Signature in Huntington's Disease. Cerebellum, 2021, 20, 942-945. | 1.4 | 9 |
| 5927 | Cortical Thickness Alterations in Patients With Tinnitus Before and After Sound Therapy: A Surface-Based Morphometry Study. Frontiers in Neuroscience, 2021, 15, 633364. | 1.4 | 7 |
| 5928 | Investigating the Spatial Associations Between Amyloid-β Deposition, Grey Matter Volume, and Neuroinflammation in Alzheimer's Disease. Journal of Alzheimer's Disease, 2021, 80, 113-132. | 1.2 | 12 |
| 5929 | Anatomical texture patterns identify cerebellar distinctions between essential tremor and Parkinson's disease. Human Brain Mapping, 2021, 42, 2322-2331. | 1.9 | 10 |
| 5930 | Prefrontal cortex and amygdala anatomy in youth with persistent levels of harsh parenting practices and subclinical anxiety symptoms over time during childhood. Development and Psychopathology, 2021, , 1-12. | 1.4 | 10 |
| 5932 | Sex differences in neural correlates of common psychopathological symptoms in early adolescence. Psychological Medicine, 2022, 52, 3086-3096. | 2.7 | 3 |
| 5934 | LAMA: automated image analysis for the developmental phenotyping of mouse embryos. Development (Cambridge), 2021, 148, . | 1.2 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 5935 | Meta-analysis of grey matter changes and their behavioral characterization in patients with alcohol use disorder. Scientific Reports, 2021, 11, 5238. | 1.6 | 11 |
| 5936 | The Individual Inclination to an Occupation and its Neuronal Correlate. Frontiers in Education, 2021, 6, . | 1.2 | 0 |
| 5937 | Grey and white matter alteration in euthymic children with bipolar disorder: a combined sourceâ€based morphometry (SBM) and voxelâ€based morphometry (VBM) study. Brain Imaging and Behavior, 2022, 16, 22-30. | 1.1 | 9 |
| 5938 | Decreased homotopic interhemispheric functional connectivity in children with autism spectrum disorder. Autism Research, 2021, 14, 1609-1620. | 2.1 | 8 |
| 5939 | Brain orchestration of pregnancy and maternal behavior in mice: A longitudinal morphometric study. NeuroImage, 2021, 230, 117776. | 2.1 | 26 |
| 5940 | Disrupted morphological grey matter networks in early-stage Parkinson's disease. Brain Structure and Function, 2021, 226, 1389-1403. | 1.2 | 16 |
| 5941 | Childhood socioeconomic status is associated with psychometric intelligence and microstructural brain development. Communications Biology, 2021, 4, 470. | 2.0 | 17 |
| 5942 | Trem2 restrains the enhancement of tau accumulation and neurodegeneration by β-amyloid pathology. Neuron, 2021, 109, 1283-1301.e6. | 3.8 | 137 |
| 5943 | The ANTsX ecosystem for quantitative biological and medical imaging. Scientific Reports, 2021, 11, 9068. | 1.6 | 81 |
| 5944 | Interdependent self-construal predicts increased gray matter volume of scene processing regions in the brain. Biological Psychology, 2021, 161, 108050. | 1.1 | 7 |
| 5945 | A quality control pipeline for probabilistic reconstruction of white-matter pathways. Journal of Neuroscience Methods, 2021, 353, 109099. | 1.3 | 2 |
| 5946 | Distinct impaired patterns of intrinsic functional network centrality in patients with early- and late-onset Alzheimer's disease. Brain Imaging and Behavior, 2021, 15, 2661-2670. | 1.1 | 6 |
| 5947 | Baseline cognition is the best predictor of 4-year cognitive change in cognitively intact older adults. Alzheimer's Research and Therapy, 2021, 13, 75. | 3.0 | 24 |
| 5948 | Automatic classification of idiopathic Parkinson's disease and atypical Parkinsonian syndromes combining [¹¹ C]raclopride PET uptake and MRI grey matter morphometry. Journal of Neural Engineering, 2021, 18, 046037. | 1.8 | 15 |
| 5949 | Association Between sTREM2, an Immune Biomarker of Microglial Activation, and Aging-Related Brain Volume Changes in Community-Dwelling Older Adults: A 7-Year Follow-Up Study. Frontiers in Aging Neuroscience, 2021, 13, 665612. | 1.7 | 5 |
| 5952 | Novel methodology to assess the effect of contouring variation on treatment outcome. Medical Physics, 2021, 48, 3234-3242. | 1.6 | 5 |
| 5954 | Noninvasive Assessment of Neurodevelopmental Disorders after In Utero Irradiation in Mice: An In Vivo Anatomical and Diffusion MRI Study. Radiation Research, 2021, 195, 568-583. | 0.7 | 2 |
| 5955 | An Overview of ICA/BSS-Based Application to Alzheimer's Brain Signal Processing. Biomedicines, 2021, 9, 386. | 1.4 | 5 |

| # | Article | IF | CITATIONS |
|------------------------------|--|---------------------------------|--------------------------|
| 5956 | Psychopathological Syndromes Across Affective and Psychotic Disorders Correlate With Gray Matter Volumes. Schizophrenia Bulletin, 2021, 47, 1740-1750. | 2.3 | 20 |
| 5957 | A Review of Brain Atrophy Subtypes Definition and Analysis for Alzheimer's Disease Heterogeneity Studies. Journal of Alzheimer's Disease, 2021, 80, 1339-1352. | 1.2 | 19 |
| 5958 | Cortical and subcortical gray matter changes in patients with chronic tinnitus sustaining after vestibular schwannoma surgery. Scientific Reports, 2021, 11, 8411. | 1.6 | 4 |
| 5959 | Behavioural relevance of spontaneous, transient brain network interactions in fMRI. NeuroImage, 2021, 229, 117713. | 2.1 | 51 |
| 5960 | Aberrant Structural and Functional Developmental Trajectories in Children With Intellectual Disability. Frontiers in Psychiatry, 2021, 12, 634170. | 1.3 | 4 |
| 5961 | Updating and characterizing neuroanatomical markers in high-risk subjects, recently diagnosed and chronic patients with schizophrenia: A revised coordinate-based meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 123, 83-103. | 2.9 | 40 |
| 5962 | Best Practices in Structural Neuroimaging of Neurodevelopmental Disorders. Neuropsychology Review, 2022, 32, 400-418. | 2.5 | 14 |
| 5963 | Enhanced structural connectivity within the motor loop in professional boxers prior to a match. Scientific Reports, 2021, 11, 9015. | 1.6 | 1 |
| 5964 | Neuroanatomical Correlates of Social Intelligence Measured by the Guilford Test. Brain Topography, 2021, 34, 337-347. | 0.8 | 5 |
| 5966 | Investigating Neuroimaging Correlates of Early Frailty in Patients With Behavioral Variant | | |
| | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. | 1.7 | 6 |
| 5967 | | 1.7 0.9 | 6 |
| 5967 5968 | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey | | |
| | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey matter volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 995-1006. Brain Perfusion Bridges Virtual-Reality Spatial Behavior to TPH2 Genotype for Head Acceleration | 0.9 | 20 |
| 5968 | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey matter volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 995-1006. Brain Perfusion Bridges Virtual-Reality Spatial Behavior to TPH2 Genotype for Head Acceleration Events. Journal of Neurotrauma, 2021, 38, 1368-1376. Out of control: An altered parieto-occipital-cerebellar network for impulsivity in bipolar disorder. | 0.9 | 20 |
| 5968 5969 | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey matter volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 995-1006. Brain Perfusion Bridges Virtual-Reality Spatial Behavior to TPH2 Genotype for Head Acceleration Events. Journal of Neurotrauma, 2021, 38, 1368-1376. Out of control: An altered parieto-occipital-cerebellar network for impulsivity in bipolar disorder. Behavioural Brain Research, 2021, 406, 113228. Individual Differences in Cerebral Perfusion as a Function of Age and Loneliness. Experimental Aging | 0.9 1.7 1.2 | 20 1 16 |
| 5968 5969 5970 | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey matter volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 995-1006. Brain Perfusion Bridges Virtual-Reality Spatial Behavior to TPH2 Genotype for Head Acceleration Events. Journal of Neurotrauma, 2021, 38, 1368-1376. Out of control: An altered parieto-occipital-cerebellar network for impulsivity in bipolar disorder. Behavioural Brain Research, 2021, 406, 113228. Individual Differences in Cerebral Perfusion as a Function of Age and Loneliness. Experimental Aging Research, 2021, , 1-23. Reorganizing brain structure through olfactory training in post-traumatic smell impairment: An MRI | 0.9 1.7 1.2 0.6 | 20 1 16 0 |
| 5968 5969 5970 5972 | Frontotemporal Dementia: A MRI and FDG-PET Study. Frontiers in Aging Neuroscience, 2021, 13, 637796. Predicting disability progression and cognitive worsening in multiple sclerosis using patterns of grey matter volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 995-1006. Brain Perfusion Bridges Virtual-Reality Spatial Behavior to TPH2 Genotype for Head Acceleration Events. Journal of Neurotrauma, 2021, 38, 1368-1376. Out of control: An altered parieto-occipital-cerebellar network for impulsivity in bipolar disorder. Behavioural Brain Research, 2021, 406, 113228. Individual Differences in Cerebral Perfusion as a Function of Age and Loneliness. Experimental Aging Research, 2021, 1-23. Reorganizing brain structure through olfactory training in post-traumatic smell impairment: An MRI study. Journal of Neuroradiology, 2022, 49, 333-342. Divergent Anatomical Correlates and Functional Network Connectivity Patterns in Temporal Lobe | 0.9 1.7 1.2 0.6 0.6 | 20 1 16 0 10 |

| # | Article | lF | CITATIONS |
|------|---|-----|-----------|
| 5976 | Neurostructural changes and declining sensorimotor function due to cerebellar cortical degeneration. Journal of Neurophysiology, 2021, 125, 1735-1745. | 0.9 | 5 |
| 5977 | Editorial for "Reliability of Changes in Brain Volume Determined by Longitudinal Voxelâ€Based Morphometryâ€: Journal of Magnetic Resonance Imaging, 2021, 54, 617-617. | 1.9 | 0 |
| 5979 | Unimpaired social cognition in adult patients with ADHD: brain volumetric and behavioral results. Social Cognitive and Affective Neuroscience, 2021, 16, 1160-1169. | 1.5 | 3 |
| 5980 | Red Cell Distribution Width, Anemia, and Brain Volumetric Outcomes Among Middle-Aged Adults. Journal of Alzheimer's Disease, 2021, 81, 711-727. | 1.2 | 7 |
| 5981 | Estimating Gender and Age from Brain Structural MRI of Children and Adolescents: A 3D Convolutional Neural Network Multitask Learning Model. Computational Intelligence and Neuroscience, 2021, 2021, 1-12. | 1.1 | 5 |
| 5982 | Cortical Structural Connectivity Alterations and Potential Pathogenesis in Mid-Stage Sporadic Parkinson's Disease. Frontiers in Aging Neuroscience, 2021, 13, 650371. | 1.7 | 8 |
| 5983 | Structural Brain Imaging of Intelligence. , 2021, , 210-234. | | 0 |
| 5984 | Imaging the Intelligence of Humans. , 2021, , 44-69. | | 3 |
| 5985 | Relationship between regional gray matter volumes and dopamine D 2 receptor and transporter in living human brains. Human Brain Mapping, 2021, 42, 4048-4058. | 1.9 | 3 |
| 5986 | Voxel and surface based whole brain analysis shows reading skill associated grey matter abnormalities in dyslexia. Scientific Reports, 2021, 11, 10862. | 1.6 | 7 |
| 5987 | Rajyoga Meditation Experience Induces Enhanced Positive Thoughts and Alters Gray Matter Volume of Brain Regions: A Cross-sectional Study. Mindfulness, 2021, 12, 1659. | 1.6 | 0 |
| 5988 | Right Frontoinsular Cortex: A Potential Imaging Biomarker to Evaluate T2DM-Induced Cognitive Impairment. Frontiers in Aging Neuroscience, 2021, 13, 674288. | 1.7 | 7 |
| 5989 | Extensive long-term verbal memory training is associated with brain plasticity. Scientific Reports, 2021, 11, 9712. | 1.6 | 2 |
| 5990 | A Probabilistic Atlas of the Pineal Gland in the Standard Space. Frontiers in Neuroinformatics, 2021, 15, 554229. | 1.3 | 3 |
| 5991 | Single-participant structural similarity matrices lead to greater accuracy in classification of participants than function in autism in MRI. Molecular Autism, 2021, 12, 34. | 2.6 | 15 |
| 5994 | Age-related iron accumulation and demyelination in the basal ganglia are closely related to verbal memory and executive functioning. Scientific Reports, 2021, 11, 9438. | 1.6 | 10 |
| 5995 | Cardiac Structure and Function Is Associated With Hemispatial Neglect Severity. Frontiers in Neurology, 2021, 12, 666257. | 1.1 | 1 |
| 5996 | Effect of gender in the onset and progression of Parkinson's disease. , 2021, , . | | 0 |

| | | CITATION REPORT | | |
|------|--|---------------------------|-----|-----------|
| # | Article | | IF | CITATIONS |
| 5997 | Mediterranean Diet, Alzheimer Disease Biomarkers, and Brain Atrophy in Old Age. Neurolog | y, 2021, 96, . | 1.5 | 72 |
| 5998 | BACON: A tool for reverse inference in brain activation and alteration. Human Brain Mappin 3343-3351. | g, 2021, 42, | 1.9 | 14 |
| 5999 | Kynurenine pathway metabolites in cerebrospinal fluid and blood as potential biomarkers ir Huntington's disease. Journal of Neurochemistry, 2021, 158, 539-553. | I | 2.1 | 18 |
| 6000 | Diffusion Tensor Imaging Reveals Whole-Brain Microstructural Changes in the P301L Mous Tauopathy. Neurodegenerative Diseases, 2020, 20, 173-184. | e Model of | 0.8 | 14 |
| 6001 | Menopause impacts human brain structure, connectivity, energy metabolism, and amyloid- deposition. Scientific Reports, 2021, 11, 10867. | beta | 1.6 | 79 |
| 6002 | Sinonasal surgery alters brain structure and function: Neuroanatomical correlates of olfactor dysfunction. Journal of Neuroscience Research, 2021, 99, 2156-2171. | pry | 1.3 | 5 |
| 6003 | Folded concave penalized learning of high-dimensional MRI data in Parkinson's disease. Neuroscience Methods, 2021, 357, 109157. | Journal of | 1.3 | 1 |
| 6004 | Investigating morphological changes in the brain in relation to etiology and duration of olfa dysfunction with voxel-based morphometry. Scientific Reports, 2021, 11, 12704. | ctory | 1.6 | 9 |
| 6005 | Altered vascular permeability but not angiogenesis may play a role in the epileptogenesis of hippocampal sclerosis. Epileptic Disorders, 2021, 23, 490-499. | ⁻ human | 0.7 | 1 |
| 6006 | Alteration of brain structural organization after sepsis with Fatigue - a structural brain netw analysis. Archives of Community Medicine and Public Health, 2021, , 079-085. | ork | 0.1 | 0 |
| 6007 | Glass-brain mapping provides an adjunct tool for structural analysis in mouse models of neurodevelopmental disease. NeuroImage Reports, 2021, 1, 100023. | | 0.5 | 0 |
| 6008 | Differential involvement of hippocampal subfields in Niemann-Pick type C disease: a caseâ€ study. Metabolic Brain Disease, 2021, 36, 2071-2078. | "control | 1.4 | 3 |
| 6009 | A consistent deep registration network with group data modeling. Computerized Medical I Graphics, 2021, 90, 101904. | maging and | 3.5 | 2 |
| 6010 | Washed Microbiota Transplantation Accelerates the Recovery of Abnormal Changes by Ligh Stress in Tree Shrews. Frontiers in Cellular and Infection Microbiology, 2021, 11, 685019. | ıt-Induced | 1.8 | 3 |
| 6011 | Feasibility of accelerated 3D T1-weighted MRI using compressed sensing: application to qua volume measurements of human brain structures. Magnetic Resonance Materials in Physics and Medicine, 2021, 34, 915-927. | antitative s, Biology, | 1.1 | 4 |
| 6012 | Neuromorphological Changes following Selection for Tameness and Aggression in the Russ Farm-Fox experiment. Journal of Neuroscience, 2021, 41, 6144-6156. | ian | 1.7 | 14 |
| 6013 | Uncovering a †sensitive window' of multisensory and motor neuroplasticity in the ce cerebellum of male and female starlings. ELife, 2021, 10, . | rebrum and | 2.8 | 5 |
| 6014 | Spatial descriptions of radiotherapy dose: normal tissue complication models and statistica associations. Physics in Medicine and Biology, 2021, 66, 12TR01. | | 1.6 | 14 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6015 | Literacy Affects Brain Structure – What Can We Learn for Language Assessment in Low Literates?. Language Assessment Quarterly, 0, , 1-16. | 1.1 | 2 |
| 6016 | Optimizing early cancer diagnosis and detection using a temporal subtraction technique. Technological Forecasting and Social Change, 2021, 167, 120745. | 6.2 | 6 |
| 6017 | Diagnosis of Alzheimer's Disease Based on Deeply-Fused Nets. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 781-789. | 0.6 | 11 |
| 6018 | Significant increases of the amygdala between immediate and late postpartum: Pronounced effects within the superficial subregion. Journal of Neuroscience Research, 2021, 99, 2261-2270. | 1.3 | 6 |
| 6020 | Entropy Slicing Extraction and Transfer Learning Classification for Early Diagnosis of Alzheimer Diseases with sMRI. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-22. | 3.0 | 12 |
| 6022 | Novel Volumetric and Surface-Based Magnetic Resonance Indices of the Aging Brain – Does Male and Female Brain Age in the Same Way?. Frontiers in Neurology, 2021, 12, 645729. | 1.1 | 14 |
| 6023 | White Matter Hyperintensities after Five-Year Follow-Up and a Cross-Sectional FA Decrease in Bipolar I and Major Depressive Patients. Neuropsychobiology, 2022, 81, 39-50. | 0.9 | 1 |
| 6024 | Imaging the Pathophysiology of Essential Tremor—A Systematic Review. Frontiers in Neurology, 2021, 12, 680254. | 1.1 | 33 |
| 6025 | Lateral ankle instability-induced neuroplasticity in brain grey matter: A voxel-based morphometry MRI study. Journal of Science and Medicine in Sport, 2021, 24, 1240-1244. | 0.6 | 11 |
| 6026 | Structural atrophy of the right superior frontal gyrus in adolescents with severe irritability. Human Brain Mapping, 2021, 42, 4611-4622. | 1.9 | 7 |
| 6027 | Gray matter volume in left intraparietal sulcus predicts longitudinal gains in subtraction skill in elementary school. NeuroImage, 2021, 235, 118021. | 2.1 | 4 |
| 6028 | Segmentation of WM, GM, and CSF from the Brain MRIs Using an Advanced Metaheuristic Approach. IETE Journal of Research, 2023, 69, 3974-4000. | 1.8 | 1 |
| 6029 | Regional gray matter volume associated with exercise dependence: A <scp>voxelâ€based</scp> morphometry study. Human Brain Mapping, 2021, 42, 4857-4868. | 1.9 | 8 |
| 6030 | Bayesian Fully Convolutional Networks for Brain Image Registration. Journal of Healthcare Engineering, 2021, 2021, 1-12. | 1.1 | 5 |
| 6031 | Magnetic Resonance Imaging â€Based Structural Covariance Changes of the Striatum in Lifelong Premature Ejaculation Patients. Journal of Magnetic Resonance Imaging, 2021, , . | 1.9 | 6 |
| 6032 | Better long-term speech outcomes in stroke survivors who received early clinical speech and language therapy: What's driving recovery?. Neuropsychological Rehabilitation, 2022, 32, 2319-2341. | 1.0 | 2 |
| 6033 | Cerebral grey matter density is associated with neuroreceptor and neurotransporter availability: A combined PET and MRI study. NeuroImage, 2021, 235, 117968. | 2.1 | 9 |
| 6034 | Denoising of MR and CT images using cascaded multi-supervision convolutional neural networks with progressive training. Neurocomputing, 2022, 469, 354-365. | 3.5 | 19 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6035 | Neuroanatomical correlates of the perception of body axis orientation during body tilt: a voxel-based morphometry study. Scientific Reports, 2021, 11, 14659. | 1.6 | 4 |
| 6036 | Apathetic symptoms and white matter integrity after traumatic brain injury. Brain Injury, 2021, 35, 1043-1053. | 0.6 | 2 |
| 6037 | Three-Dimensional Convolutional Autoencoder Extracts Features of Structural Brain Images With a "Diagnostic Label-Free―Approach: Application to Schizophrenia Datasets. Frontiers in Neuroscience, 2021, 15, 652987. | 1.4 | 10 |
| 6038 | Using modulated and smoothed data improves detectability of volume difference in group comparison, but reduces accuracy with atlas-based volumetry using Statistical Parametric Mapping 12 software. Acta Radiologica, 2021, , 028418512110324. | 0.5 | 0 |
| 6039 | VBM-Based Alzheimer's Disease Detection from the Region of Interest of T1 MRI with Supportive Gaussian Smoothing and a Bayesian Regularized Neural Network. Applied Sciences (Switzerland), 2021, 11, 6175. | 1.3 | 8 |
| 6040 | Thalamic nuclei degeneration in multiple sclerosis. Journal of Clinical Neuroscience, 2021, 89, 375-380. | 0.8 | 6 |
| 6041 | Neurostructural correlates of work-related risk propensity (WRP): The PCC gray matter volume mediates the impact of extraversion on WRP. Personality and Individual Differences, 2021, 177, 110820. | 1.6 | 2 |
| 6042 | Common and different gray and white matter alterations in bipolar and borderline personality disorder: A source-based morphometry study. Brain Research, 2021, 1762, 147401. | 1.1 | 17 |
| 6043 | Systematic Review of Different Neuroimaging Correlates in Mild Cognitive Impairment and Alzheimer's Disease. Clinical Neuroradiology, 2021, 31, 953-967. | 1.0 | 43 |
| 6044 | Obesity and Gray Matter Volume Assessed by Neuroimaging: A Systematic Review. Brain Sciences, 2021, 11, 999. | 1.1 | 24 |
| 6045 | Preliminary Report: Localized Cerebral Blood Flow Mediates the Relationship between Progesterone and Perceived Stress Symptoms among Female Collegiate Club Athletes after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 1809-1820. | 1.7 | 8 |
| 6046 | Reduced Brain Gray Matter Volume in Patients With First-Episode Major Depressive Disorder: A Quantitative Meta-Analysis. Frontiers in Psychiatry, 2021, 12, 671348. | 1.3 | 28 |
| 6048 | Morphological, Structural, and Functional Networks Highlight the Role of the Cortical-Subcortical Circuit in Individuals With Subjective Cognitive Decline. Frontiers in Aging Neuroscience, 2021, 13, 688113. | 1.7 | 13 |
| 6049 | Learning Deformable Network for 3D Object Detection on Point Clouds. Mobile Information Systems, 2021, 2021, 1-9. | 0.4 | 1 |
| 6050 | Imaging the Substantia Nigra in Parkinson Disease and Other Parkinsonian Syndromes. Radiology, 2021, 300, 260-278. | 3.6 | 55 |
| 6051 | Investigation of structural brain correlates of neurological soft signs in individuals at ultra-high risk for psychosis. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 1475-1485. | 1.8 | 0 |
| 6053 | Tetrahedral spectral feature-Based bayesian manifold learning for grey matter morphometry: Findings from the Alzheimer's disease neuroimaging initiative. Medical Image Analysis, 2021, 72, 102123. | 7.0 | 2 |
| 6054 | White matter hyperintensities segmentation using the ensemble U-Net with multi-scale highlighting foregrounds. Neurolmage, 2021, 237, 118140. | 2.1 | 18 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6055 | Structural and Functional Brain Imaging in Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia Treated With Chemotherapy: A Systematic Review. JNCI Cancer Spectrum, 2021, 5, pkab069. | 1.4 | 8 |
| 6056 | White matter volume not associated with hallucinations in clinical high risk and firstâ€episode psychosis: A voxelâ€based morphometry study. Psychiatry and Clinical Neurosciences, 2021, 75, 299-301. | 1.0 | 0 |
| 6057 | Low serum uric acid levels are associated with the nonmotor symptoms and brain gray matter volume in Parkinson's disease. Neurological Sciences, 2022, 43, 1747-1754. | 0.9 | 9 |
| 6058 | White matter tracts characteristics in habitual decision-making circuit underlie ritual behaviors in anorexia nervosa. Scientific Reports, 2021, 11, 15980. | 1.6 | 8 |
| 6059 | A Novel Method for Differential Prognosis of Brain Degenerative Diseases Using Radiomics-Based Textural Analysis and Ensemble Learning Classifiers. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13. | 0.7 | 7 |
| 6060 | Neuroanatomical Correlates of Binge-Eating Behavior: At the Roots of Unstoppable Eating. Brain Sciences, 2021, 11, 1162. | 1.1 | 3 |
| 6061 | Predicting the Emergence of Major Neurocognitive Disorder Within Three Months After a Stroke. Frontiers in Aging Neuroscience, 2021, 13, 705889. | 1.7 | 7 |
| 6062 | Associations between gait speed andÂbrain structure in amnestic mild cognitive impairment: a quantitative neuroimaging study. Brain Imaging and Behavior, 2022, 16, 228-238. | 1.1 | 10 |
| 6063 | White Matter Hyperintensities of Bilateral Lenticular Putamen in Patients with Proliferative Diabetic Retinopathy: A Voxelâ€based Morphometric Study. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 3653-3665. | 1.1 | 3 |
| 6064 | Changes in Default Mode Network Connectivity in Resting-State fMRI in People with Mild Dementia Receiving Cognitive Stimulation Therapy. Brain Sciences, 2021, 11, 1137. | 1.1 | 12 |
| 6065 | A Comparative Multimodal Meta-analysis of Anisotropy and Volume Abnormalities in White Matter in People Suffering From Bipolar Disorder or Schizophrenia. Schizophrenia Bulletin, 2022, 48, 69-79. | 2.3 | 13 |
| 6066 | A novel CT-based automated analysis method provides comparable results with MRI in measuring brain atrophy and white matter lesions. Neuroradiology, 2021, 63, 2035-2046. | 1.1 | 6 |
| 6067 | On the Search for Brain Bifurcation Parameters: Lessons From FMRI Studies on Visual Illusions. Biophysical Reviews and Letters, 2021, 16, 77-93. | 0.9 | 0 |
| 6068 | Empathy deficits and their behavioral, neuroanatomical, and functional connectivity correlates in smoked cocaine users. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 110, 110328. | 2.5 | 8 |
| 6070 | Predicting and Characterizing Neurodegenerative Subtypes with Multimodal Neurocognitive Signatures of Social and Cognitive Processes. Journal of Alzheimer's Disease, 2021, 83, 227-248. | 1.2 | 17 |
| 6071 | From multivariate to functional data analysis: Fundamentals, recent developments, and emerging areas. Journal of Multivariate Analysis, 2022, 188, 104806. | 0.5 | 6 |
| 6072 | The Higher Parietal Cortical Thickness in Abstinent Methamphetamine Patients Is Correlated With Functional Connectivity and Age of First Usage. Frontiers in Human Neuroscience, 2021, 15, 705863. | 1.0 | 2 |
| 6073 | Anatomical Increased/Decreased Changes in the Brain Area Following Individuals with Chronic Traumatic Complete Thoracic Spinal Cord Injury. Physical Therapy Research, 2021, 24, 163-169. | 0.3 | 2 |

ARTICLE IF CITATIONS Brain structural correlates of upward social mobility in ethnic minority individuals. Social 6074 1 1.6 Psychiatry and Psychiatric Epidemiology, 2022, 57, 2037-2047. Neuropsychological Perspective on Dyslexia., 0, , . Associations between cerebral magnetic resonance imaging infarct volume and acute ischemic stroke 6076 2 1.1 etiology. PLoS ONE, 2021, 16, e0256458. Magnetotactic bacteria from the human gut microbiome associated with orientation and navigation regions of the brain. Journal of Oceanology and Limnology, 0, , 1. Early Alzheimer's disease diagnosis with the contrastive loss using paired structural MRIs. Computer 6078 2.6 15 Methods and Programs in Biomedicine, 2021, 208, 106282. Multimodal mechanisms of human socially reinforced learning across neurodegenerative diseases. 6079 3.7 24 Brain, 2022, 145, 1052-1068. Study of Brain Structure in HIV Vertically Infected Adolescents. AIDS Research and Human 6080 0.5 2 Retroviruses, 2021, 37, 647-656. Multi-model and multi-slice ensemble learning architecture based on 2D convolutional neural 6081 3.9 networks for Alzheimer's disease diagnosis. Computers in Biology and Medicine, 2021, 136, 104678. Changes of Healthy Brain Tissue after Salvage Radiotherapy of Glioblastoma Multiforme. 6082 0.4 0 Neuro-Oncology Advances, 2021, 3, vdab139. Alterations in the Magnetoencephalography Default Mode Effective Connectivity following 1.2 Concussion. American Journal of Neuroradiology, 2021, 42, 1776-1782. Sex moderations in the relationship between aortic stiffness, cognition, and cerebrovascular 6084 1.1 8 reactivity in healthy older adults. PLoS ONE, 2021, 16, e0257815. Non-parametric combination of multimodal MRI for lesion detection in focal epilepsy. NeuroImage: 1.4 Clinical, 2021, 32, 102837. Changes in brain morphometry after motor rehabilitation in chronic stroke. Somatosensory & Motor 6086 0.4 3 Research, 2021, 38, 277-286. Dual Attention Multi-Instance Deep Learning for Alzheimer's Disease Diagnosis With Structural MRI. IEEE Transactions on Medical Imaging, 2021, 40, 2354-2366. 6087 5.4 94 Disrupted structural connectome and neurocognitive functions in Duchenne muscular dystrophy: classifying and subtyping based on Dp140 dystrophin isoform. Journal of Neurology, 2022, 269, 6088 1.8 4 2113-2125. Accessible pediatric neuroimaging using a low field strength MRI scanner. NeuroImage, 2021, 238, 118273. Widespread and interrelated gray matter reductions in child sexual offenders with and without 6090 pedophilia: Evidence from a multivariate structural <scp>MRI</scp> study. Psychiatry and Clinical 1.0 2 Neurosciences, 2021, 75, 331-340. Who initiates punishment, who joins punishment? Disentangling types of thirdâ€party punishers by 6091 neural traits. Human Brain Mapping, 2021, 42, 5703-5717.

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6092 | Gymkhana and pylon slalom driving training effects on the cerebellum structure. Neuroscience Letters, 2021, 765, 136281. | 1.0 | 0 |
| 6093 | Olfaction, cholinergic basal forebrain degeneration, and cognition in early Parkinson disease. Parkinsonism and Related Disorders, 2021, 90, 27-32. | 1.1 | 8 |
| 6094 | The latent factor structure underlying regional brain volume change and its relation to cognitive change in older adults Neuropsychology, 2021, 35, 643-655. | 1.0 | 2 |
| 6095 | Neuroanatomical Profile of Young Females with Fragile X Syndrome: A Voxel-Based Morphometry Analysis. Cerebral Cortex, 2022, 32, 2310-2320. | 1.6 | 5 |
| 6097 | Tensor quantile regression with application to association between neuroimages and human intelligence. Annals of Applied Statistics, 2021, 15, 1455-1477. | 0.5 | 3 |
| 6098 | CERMEP-IDB-MRXFDG: a database of 37 normal adult human brain [18F]FDG PET, T1 and FLAIR MRI, and CT images available for research. EJNMMI Research, 2021, 11, 91. | 1.1 | 18 |
| 6099 | Cortico-striatal-thalamic loop as a neural correlate of neuroticism in the mind-body interface. Journal of Psychosomatic Research, 2021, 149, 110590. | 1.2 | 0 |
| 6100 | The immediate impact of transcranial magnetic stimulation on brain structure: Short-term neuroplasticity following one session of cTBS. NeuroImage, 2021, 240, 118375. | 2.1 | 14 |
| 6101 | Age- and gender-related differences in brain tissue microstructure revealed by multi-component T2 relaxometry. Neurobiology of Aging, 2021, 106, 68-79. | 1.5 | 15 |
| 6102 | Altered gray matter volume and functional connectivity in patients with herpes zoster and postherpetic neuralgia. Brain Research, 2021, 1769, 147608. | 1.1 | 8 |
| 6103 | Is fetal MRI ready for neuroimaging prime time? An examination of progress and remaining areas for development. Developmental Cognitive Neuroscience, 2021, 51, 100999. | 1.9 | 14 |
| 6104 | Neural basis underlying the relation between boredom proneness and procrastination: The role of functional coupling between precuneus/cuneus and posterior cingulate cortex. Neuropsychologia, 2021, 161, 107994. | 0.7 | 3 |
| 6105 | Structural brain correlates in major depression, anxiety disorders and post-traumatic stress disorder: A voxel-based morphometry meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 129, 269-281. | 2.9 | 51 |
| 6106 | Grey and white matter microstructure changes in epilepsy patients with vagus nerve stimulators. Clinical Neurology and Neurosurgery, 2021, 209, 106918. | 0.6 | 3 |
| 6107 | A combination of support vector machine and voxel-based morphometry in adult male alcohol use disorder patients with cognitive deficits. Brain Research, 2021, 1771, 147644. | 1.1 | 3 |
| 6108 | Does local cerebellar volume predict treatment success in anorexia nervosa?. Psychiatry Research - Neuroimaging, 2021, 317, 111355. | 0.9 | 8 |
| 6109 | Triple-Input-Unsupervised neural Networks for deformable image registration. Pattern Recognition Letters, 2021, 151, 332-339. | 2.6 | 1 |
| 6110 | Morphological changes after cranial fractionated photon radiotherapy: Localized loss of white matter and grey matter volume with increasing dose. Clinical and Translational Radiation Oncology, 2021, 31, 14-20. | 0.9 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6111 | Fixel-based Analysis of Diffusion MRI: Methods, Applications, Challenges and Opportunities. NeuroImage, 2021, 241, 118417. | 2.1 | 117 |
| 6112 | Neural biomarker of functional disability in major depressive disorder: A structural neuroimaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110337. | 2.5 | 2 |
| 6113 | A new 3D MRI segmentation method based on Generative Adversarial Network and Atrous Convolution. Biomedical Signal Processing and Control, 2022, 71, 103155. | 3.5 | 8 |
| 6114 | Methods in Neuropsychology. , 2022, , 246-254. | | 1 |
| 6115 | Structural Imaging in OCD. Current Topics in Behavioral Neurosciences, 2021, 49, 201-229. | 0.8 | 4 |
| 6116 | Translational medicine in psychiatry: challenges and imaging biomarkers. , 2021, , 203-223. | | 0 |
| 6117 | VoxelHop: Successive Subspace Learning for ALS Disease Classification Using Structural MRI. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1128-1139. | 3.9 | 10 |
| 6118 | Effect of MRI acquisition acceleration via compressed sensing and parallel imaging on brain volumetry. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 487-497. | 1.1 | 12 |
| 6119 | Development and evaluation of a high performance <scp>T1</scp> â€weighted brain template for use in studies on older adults. Human Brain Mapping, 2021, 42, 1758-1776. | 1.9 | 16 |
| 6120 | Topographic patterns of white matter hyperintensities are associated with multimodal neuroimaging biomarkers of Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 29. | 3.0 | 24 |
| 6121 | The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 1145-1156. | 0.4 | 174 |
| 6122 | Learning to control tinnitus. Psychology of Learning and Motivation - Advances in Research and Theory, 2021, , 47-94. | 0.5 | 3 |
| 6123 | High-density lipoprotein-cholesterol and neuroaging. , 2021, , 259-268. | | 1 |
| 6124 | Vasoactive intestinal polypeptide plasma levels associated with affective symptoms and brain structure and function in healthy females. Scientific Reports, 2021, 11, 1406. | 1.6 | 2 |
| 6125 | In vivo assessment of neurodegeneration in Spinocerebellar Ataxia type 7. NeuroImage: Clinical, 2021, 29, 102561. | 1.4 | 4 |
| 6126 | Multi-Task Weakly-Supervised Attention Network for Dementia Status Estimation With Structural MRI. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4056-4068. | 7.2 | 20 |
| 6127 | A voxel-wise assessment of growth differences in infants developing autism spectrum disorder. NeuroImage: Clinical, 2021, 29, 102551. | 1.4 | 8 |
| 6128 | Neuroanatomical Alterations in Patients With Tinnitus Before and After Sound Therapy: A Combined VBM and SCN Study. Frontiers in Human Neuroscience, 2020, 14, 607452. | 1.0 | 6 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6129 | Neuroimaging in Functional Neurological Disorder: State of the Field and Research Agenda. NeuroImage: Clinical, 2021, 30, 102623. | 1.4 | 79 |
| 6130 | HyperMorph: Amortized Hyperparameter Learning for Image Registration. Lecture Notes in Computer Science, 2021, , 3-17. | 1.0 | 45 |
| 6131 | Modulating Gamma Oscillations Promotes Brain Connectivity to Improve Cognitive Impairment. Cerebral Cortex, 2022, 32, 2644-2656. | 1.6 | 47 |
| 6135 | MRIâ€based assessment of acute effect of headâ€down tilt position on intracranial hemodynamics and hydrodynamics. Journal of Magnetic Resonance Imaging, 2018, 47, 565-571. | 1.9 | 11 |
| 6136 | A common allele in the oxytocin receptor gene (OXTR) impacts prosocial temperament and human hypothalamic-limbic structure and function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13936-13941. | 3.3 | 313 |
| 6137 | Canonical Correlation Analysis of Sub-cortical Brain Structures Using Non-rigid Registration. Lecture Notes in Computer Science, 2006, , 66-74. | 1.0 | 6 |
| 6138 | Multi-scale Voxel-Based Morphometry Via Weighted Spherical Harmonic Representation. Lecture Notes in Computer Science, 2006, , 36-43. | 1.0 | 5 |
| 6139 | Transformation Model and Constraints Cause Bias in Statistics on Deformation Fields. Lecture Notes in Computer Science, 2006, 9, 207-214. | 1.0 | 20 |
| 6140 | Detecting Spatially Consistent Structural Differences in Alzheimer's and Fronto Temporal Dementia Using Deformation Morphometry. Lecture Notes in Computer Science, 2001, , 41-48. | 1.0 | 34 |
| 6141 | Gyral Parcellation of the Cortical Surface Using Geodesic VoronoÃ⁻ Diagrams. Lecture Notes in Computer Science, 2002, , 427-434. | 1.0 | 3 |
| 6142 | Automatic Generation of Training Data for Brain Tissue Classification from MRI. Lecture Notes in Computer Science, 2002, , 516-523. | 1.0 | 11 |
| 6143 | Neuromorphometric Measures as Endophenotypes of Schizophrenia Spectrum Disorders. , 2009, , 87-122. | | 6 |
| 6144 | Pain Imaging. , 2013, , 439-467. | | 1 |
| 6145 | Neuroimaging of Alzheimer's Disease, Mild Cognitive Impairment, and Other Dementias. , 2011, , 309-339. | | 4 |
| 6146 | Brain Imaging in Behavioral Medicine and Clinical Neuroscience: Synthesis. , 2011, , 383-393. | | 2 |
| 6147 | Structural Neuroimaging in Psychotic Patients with Auditory Verbal Hallucinations. , 2012, , 251-265. | | 2 |
| 6148 | Human Brain Imaging of Tinnitus. Springer Handbook of Auditory Research, 2012, , 163-185. | 0.3 | 2 |
| 6149 | Introduction to Neuroimaging Research in Autism Spectrum Disorders. , 2014, , 893-909. | | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6150 | Diffusion Tensor Magnetic Resonance Imaging in Autism. , 2013, , 179-230. | | 2 |
| 6151 | Brain Imaging and Cognition. , 2014, , 235-256. | | 5 |
| 6152 | Brain Morphometry: Epilepsy. Neuromethods, 2018, , 301-321. | 0.2 | 1 |
| 6153 | Brain Morphometry: Schizophrenia. Neuromethods, 2018, , 323-338. | 0.2 | 1 |
| 6154 | Surface and Shape Analysis. Neuromethods, 2018, , 51-73. | 0.2 | 6 |
| 6155 | The General Linear Model: Theory and Practicalities in Brain Morphometric Analyses. Neuromethods, 2018, , 75-85. | 0.2 | 5 |
| 6157 | Integrating Cytoarchitectonic Probabilities with MRI-Based Signal Intensities to Calculate Regional Volumes of Interest. Neuromethods, 2018, , 121-129. | 0.2 | 10 |
| 6158 | Assessing Subtle Structural Changes in Alzheimer's Disease Patients. Methods in Molecular Biology, 2011, 711, 535-550. | 0.4 | 2 |
| 6159 | Magnetic Resonance Relaxation and Quantitative Measurement in the Brain. Methods in Molecular Biology, 2011, 711, 65-108. | 0.4 | 33 |
| 6160 | Shape Analysis of White Matter Tracts via the Laplace-Beltrami Spectrum. Lecture Notes in Computer Science, 2018, , 195-206. | 1.0 | 3 |
| 6161 | Novel Iterative Attention Focusing Strategy for Joint Pathology Localization and Prediction of MCI Progression. Lecture Notes in Computer Science, 2019, , 307-315. | 1.0 | 8 |
| 6162 | Anatomical-Landmark-Based Deep Learning for Alzheimer's Disease Diagnosis with Structural Magnetic Resonance Imaging. Intelligent Systems Reference Library, 2020, , 127-147. | 1.0 | 6 |
| 6163 | A Cascaded Multi-modality Analysis in Mild Cognitive Impairment. Lecture Notes in Computer Science, 2019, , 557-565. | 1.0 | 9 |
| 6164 | Physics-Informed Brain MRI Segmentation. Lecture Notes in Computer Science, 2019, , 100-109. | 1.0 | 9 |
| 6165 | Transfer Learning from Partial Annotations for Whole Brain Segmentation. Lecture Notes in Computer Science, 2019, , 199-206. | 1.0 | 7 |
| 6166 | Acquiring and Predicting Multidimensional Diffusion (MUDI) Data: An Open Challenge. Mathematics and Visualization, 2020, , 195-208. | 0.4 | 8 |
| 6167 | Statistical Atlas of C. elegans Neurons. Lecture Notes in Computer Science, 2020, , 119-129. | 1.0 | 7 |
| 6168 | Learning Conditional Deformable Shape Templates for Brain Anatomy. Lecture Notes in Computer Science, 2020, , 353-362. | 1.0 | 5 |

ARTICLE IF CITATIONS Structural Brain Imaging and Internet Addiction. Studies in Neuroscience, Psychology and Behavioral 0.1 4 6169 Economics, 2015, , 21-42. Neuroanatomical Correlates of PTSD: Risk, Resiliency, and Sequelae., 2015, , 1-14. 6170 Dealing with the Heterogeneous Multi-site Neuroimaging Data Sets: A Discrimination Study of 6171 1.0 3 Children Dyslexia. Lecture Notes in Computer Science, 2014, , 471-480. A Novel Structure-Aware Sparse Learning Algorithm for Brain Imaging Genetics. Lecture Notes in Computer Science, 2014, 17, 329-336. A Universal and Efficient Method to Compute Maps from Image-Based Prediction Models. Lecture Notes 6173 1.0 6 in Computer Science, 2014, 17, 353-360. Statistical and Machine Learning Methods for Neuroimaging: Examples, Challenges, and Extensions to 6174 0.4 Diffusion Imaging Data. Mathematics and Visualization, 2015, , 299-319. Quantification and Visualization of Variation in Anatomical Trees. Association for Women in 6176 0.1 5 Mathematics Series, 2015, , 57-79. Meta-Cognitive Learning Neural Classifier for Alzheimer's Disease Detection. Lecture Notes in 1.0 Computer Science, 2015, , 606-617. GN-SCCA: GraphNet Based Sparse Canonical Correlation Analysis for Brain Imaging Genetics. Lecture 6178 1.0 14 Notes in Computer Science, 2015, 9250, 275-284. Block-Based Statistics for Robust Non-parametric Morphometry. Lecture Notes in Computer Science, 6179 1.0 2015, 9467, 62-70. Morphometrics in Evolutionary Developmental Biology., 2020, , 1-11. 6180 5 Longitudinal Genotype-Phenotype Association Study via Temporal Structure Auto-learning Predictive 1.0 Model. Lecture Notes in Computer Science, 2017, 10229, 287-302. Regression Analysis and Prediction of Mini-Mental State Examination Score in Alzheimer's Disease Using Multi-granularity Whole-Brain Segmentations. Lecture Notes in Computer Science, 2017, , 202-213. 6182 1.0 6 A Framework for Detailed Objective Comparison of Non-rigid Registration Algorithms in 1.0 Neuroimaging. Lecture Notes in Computer Science, 2004, , 679-686. Characterizing Shape Differences between Phantom Image Populations via Multivariate Statistical 6184 2 1.0 Analysis of Inverse Consistent Transformations. Lecture Notes in Computer Science, 2003, , 367-376. Object-Based Strategy for Morphometry of the Cerebral Cortex. Lecture Notes in Computer Science, 14 2003, 18, 160-171. Large Deformation Inverse Consistent Elastic Image Registration. Lecture Notes in Computer Science, 6186 1.0 24 2003, 18, 438-449. Grundlagen der Morphometrie und Integration anatomischer und funktioneller Bilddaten., 2007, 79-89.

ARTICLE IF CITATIONS # Analysis of Outliers Effects in Voxel-Based Morphometry by means of Virtual Phantoms. IFMBE 6188 0.2 2 Proceedings, 2008, , 540-543. Volumetric Neuroimaging in Neuroacanthocytosis., 2008, , 175-185. 6189 An Anatomical Equivalence Class Based Joint Transformation-Residual Descriptor for Morphological 6190 18 Analysis. , 2007, 20, 594-606. Statistical Computing on Manifolds: From Riemannian Geometry to Computational Anatomy. Lecture Notes in Computer Science, 2009, , 347-386. A Unified Framework for MR Based Disease Classification. Lecture Notes in Computer Science, 2009, 21, 6193 1.0 39 300-313. A General and Unifying Framework for Feature Construction, in Image-Based Pattern Classification. Lecture Notes in Computer Science, 2009, 21, 423-434. 6194 1.0 Subject-Matched Templates for Spatial Normalization. Lecture Notes in Computer Science, 2009, 12, 6195 1.0 11 224-231. MKL for Robust Multi-modality AD Classification. Lecture Notes in Computer Science, 2009, 12, 786-794. 1.0 6196 Classification Results of Artificial Neural Networks for Alzheimer's Disease Detection. Lecture Notes 6197 30 1.0 in Computer Science, 2009, , 641-648. ICA-Based Automatic Classification of Magnetic Resonance Images from ADNI Data. Lecture Notes in 6198 1.0 Computer Science, 2010, , 340-347. Spatially Regularized SVM for the Detection of Brain Areas Associated with Stroke Outcome. Lecture 6199 1.0 11 Notes in Computer Science, 2010, 13, 316-323. Combining Morphological Information in a Manifold Learning Framework: Application to Neonatal 1.0 MRI. Lecture Notes in Computer Science, 2010, 13, 1-8. Consistent 4D Cortical Thickness Measurement for Longitudinal Neuroimaging Study. Lecture Notes 6201 1.0 14 in Computer Science, 2010, 13, 133-142. An Introduction to Magnetic Resonance Imaging: From Image Acquisition to Clinical Diagnosis. Studies 0.7 in Computational Intelligence, 2011, , 127-161. Deformation Based Features for Alzheimer's Disease Detection with Linear SVM. Lecture Notes in 6203 1.0 5 Computer Science, 2011, , 336-343. The Relevance Voxel Machine (RVoxM): A Bayesian Method for Image-Based Prediction. Lecture Notes in 6204 1.0 19 Computer Science, 2011, 14, 99-106. Pattern Based Morphometry. Lecture Notes in Computer Science, 2011, 14, 459-466. 6205 1.0 9 6206 Supervised Segmentation of Fiber Tracts. Lecture Notes in Computer Science, 2011, , 261-274.

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6207 | Bag of Features for Automatic Classification of Alzheimer's Disease in Magnetic Resonance Images. Lecture Notes in Computer Science, 2012, , 559-566. | 1.0 | 15 |
| 6208 | Human Age Estimation with Surface-Based Features from MRI Images. Lecture Notes in Computer Science, 2012, , 111-118. | 1.0 | 6 |
| 6209 | Where Matters: New Approaches to Brain Analysis. , 2013, , 179-196. | | 2 |
| 6210 | MRI Methods for In-Vivo Cortical Parcellation. , 2013, , 197-220. | | 1 |
| 6211 | Predicting Cognitive Data from Medical Images Using Sparse Linear Regression. Lecture Notes in Computer Science, 2013, 23, 86-97. | 1.0 | 25 |
| 6212 | FAST-PVE: Extremely Fast Markov Random Field Based Brain MRI Tissue Classification. Lecture Notes in Computer Science, 2013, , 266-276. | 1.0 | 4 |
| 6213 | A Bayesian Approach for Spatially Adaptive Regularisation in Non-rigid Registration. Lecture Notes in Computer Science, 2013, 16, 10-18. | 1.0 | 11 |
| 6214 | Example-Based Restoration of High-Resolution Magnetic Resonance Image Acquisitions. Lecture Notes in Computer Science, 2013, 16, 131-138. | 1.0 | 18 |
| 6215 | On Describing Human White Matter Anatomy: The White Matter Query Language. Lecture Notes in Computer Science, 2013, 16, 647-654. | 1.0 | 34 |
| 6216 | Evaluation of Multiple Voxel-Based Morphometry Approaches and Applications in the Analysis of White Matter Changes in Temporal Lobe Epilepsy. Lecture Notes in Computer Science, 2013, , 268-276. | 1.0 | 6 |
| 6218 | Where Matters: New Approaches to Brain Analysis. , 2013, , 179-196. | | 3 |
| 6219 | MRI Methods for In-Vivo Cortical Parcellation. , 2013, , 197-220. | | 4 |
| 6221 | Reconstruction of the Brain from Skull Fossils Using Computational Anatomy. , 2014, , 191-200. | | 3 |
| 6223 | Voxel-Based Morphometry and Its Application to Alzheimer's Disease Study. , 2014, , 179-199. | | 1 |
| 6224 | Biomarkers and surrogate outcomes in neurodegenerative disease: Lessons from multiple sclerosis. Neurotherapeutics, 2004, 1, 284-294. | 2.1 | 1 |
| 6225 | Neuroimaging biomarkers for clinical trials of disease-modifying therapies in Alzheimer's disease. Neurotherapeutics, 2005, 2, 348-360. | 2.1 | 1 |
| 6226 | Gray matter reduction associated with systemic chemotherapy for breast cancer: a prospective MRI study. , 2010, 123, 819. | | 1 |
| 6227 | Automatic Brain Extraction for Rodent MRI Images. Neuroinformatics, 2020, 18, 395-406. | 1.5 | 23 |

| | | CITATION RE | PORT | |
|------|--|------------------------------|------|-----------|
| # | Article | | IF | Citations |
| 6228 | Hypersexuality and Neuroimaging Personality, Social Cognition, and Character. , 2016, | , 3-22. | | 12 |
| 6229 | Strategies and Approaches for Studying Sex Differences in Physiology. , 2016, , 181-22 | 0. | | 2 |
| 6230 | Structural brain development. , 2020, , 289-317. | | | 2 |
| 6231 | Brain Imaging Studies of Personality: The Slow Revolution. , 2004, , 329-340. | | | 5 |
| 6232 | Morphometry. , 2004, , 707-722. | | | 3 |
| 6233 | Segmentation. , 2007, , 81-91. | | | 9 |
| 6234 | Subthreshold depression may exist on a spectrum with major depressive disorder: Evide matter volume and morphological brain network. Journal of Affective Disorders, 2020, 2 | | 2.0 | 15 |
| 6235 | Differences in brain surface area and cortical volume between suicide attempters and n with major depressive disorder. Psychiatry Research - Neuroimaging, 2020, 297, 11103 | | 0.9 | 19 |
| 6236 | Autisme et imagerie cérébrale. Bulletin De L'Academie Nationale De Medecine, 200 |)9, 193, 287-298. | 0.0 | 11 |
| 6237 | Brain Atlases of Normal and Diseased Populations. International Review of Neurobiolog 1-54. | y, 2005, 66, | 0.9 | 14 |
| 6242 | Attention and Regional Gray Matter Development in Very Preterm Children at Age 12 Y the International Neuropsychological Society, 2017, 23, 539-550. | ears. Journal of | 1.2 | 24 |
| 6243 | Functions of the left and right posterior temporal lobes during segmental and supraseg perception. Zeitschrift Für Neuropsychologie = Journal of Neuropsychology, 2008, 19 | mental speech 9, 101-115. | 0.2 | 22 |
| 6244 | Facets of Subjective Health Horizons Are Differentially Linked to Brain Volume. GeroPsy Journal of Gerontopsychology and Geriatric Psychiatry, 2018, 31, 127-136. | rch: the | 0.2 | 5 |
| 6245 | Latent-variable modeling of brain gray-matter volume and psychopathy in incarcerated Journal of Abnormal Psychology, 2016, 125, 811-817. | offenders | 2.0 | 25 |
| 6246 | Brain volume change and cognitive trajectories in aging Neuropsychology, 2018, 32, 4 | 136-449. | 1.0 | 90 |
| 6247 | Ethnoracial differences in brain structure change and cognitive change Neuropsycholo 529-540. | ogy, 2018, 32, | 1.0 | 41 |
| 6248 | Tinnitus and the Brain: A Review of Functional and Anatomical Magnetic Resonance Im Perspectives of the ASHA Special Interest Groups, 2019, 4, 896-909. | aging Studies. | 0.4 | 21 |
| 6249 | Mild cognitive impairment: Conceptual issues and structural and functional brain corre Seminars in Clinical Neuropsychiatry, 2003, 8, 12-30. | ates. | 1.9 | 80 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6251 | Grey matter volume abnormalities in the first depressive episode of medication-naÃ ⁻ ve adult individuals: a systematic review of voxel based morphometric studies. International Journal of Psychiatry in Clinical Practice, 2021, 25, 407-420. | 1.2 | 11 |
| 6252 | Aging patterns of Japanese auditory semantic processing: an fMRI study. Aging, Neuropsychology, and Cognition, 2022, 29, 213-236. | 0.7 | 3 |
| 6253 | Mapping Adolescent Brain Maturation Using Structural Magnetic Resonance Imaging. , 2007, , 55-84. | | 14 |
| 6254 | Brain structures of musicians: executive functions and morphological implications. , 2006, , 141-152. | | 5 |
| 6255 | Brain Perfusion Mediates the Relationship Between miRNA Levels and Postural Control. Cerebral Cortex Communications, 2020, 1, tgaa078. | 0.7 | 5 |
| 6256 | Brain size and grey matter volume in the healthy human brain. NeuroReport, 2002, 13, 2371-4. | 0.6 | 105 |
| 6258 | Evaluation of Chronic Pain Using Magnetic Resonance (MR) Neuroimaging Approaches. Clinical Journal of Pain, 2017, 33, 281-290. | 0.8 | 28 |
| 6293 | Associating Multi-Modal Brain Imaging Phenotypes and Genetic Risk Factors via a Dirty Multi-Task Learning Method. IEEE Transactions on Medical Imaging, 2020, 39, 3416-3428. | 5.4 | 27 |
| 6294 | Neuroimaging-based methods for autism identification: a possible translational application?. Functional Neurology, 0, , . | 1.3 | 11 |
| 6295 | Functional magnetic resonance imaging in disorders of consciousness: preliminary results of an innovative analysis of brain connectivity. Functional Neurology, 2015, 30, 193-201. | 1.3 | 10 |
| 6296 | The Effect of Smoothing Filter on CNN based AD Classification. , 2019, , . | | 2 |
| 6297 | Brain atrophy in Multiple Sclerosis. American Journal of Psychiatry and Neuroscience, 2015, 3, 40. | 0.0 | 2 |
| 6298 | A volumetric study of MRI signal hyperintensities in late-life depression. American Journal of Geriatric Psychiatry, 2004, 12, 606-12. | 0.6 | 62 |
| 6299 | Social Cognition, Executive Functioning, and Neuroimaging Correlates of Empathic Deficits in Frontotemporal Dementia. Journal of Neuropsychiatry and Clinical Neurosciences, 2011, 23, 74-82. | 0.9 | 150 |
| 6301 | Measurement of Whole-Brain Atrophy in Multiple Sclerosis. , 2004, 14, 11-19. | | 52 |
| 6302 | Reproducibility and accuracy of quantitative magnetic resonance imaging techniques of whole-brain atrophy measurement in multiple sclerosis. , 2005, 15, 27-36. | | 12 |
| 6303 | White and Gray Matter Volume Changes and Correlation with Visual Evoked Potential in Patients with Optic Neuritis: A Voxel-Based Morphometry Study. Medical Science Monitor, 2016, 22, 1115-1123. | 0.5 | 23 |
| 6304 | Electroconvulsive Therapy-Induced Brain Structural and Functional Changes in Major Depressive Disorders: A Longitudinal Study. Medical Science Monitor, 2016, 22, 4577-4586. | 0.5 | 26 |

| # | ARTICLE Structural and Functional Changes of Hippocampus in Long Life Experienced Taxi Driver. Journal of | IF | CITATIONS |
|------|---|-----|-----------|
| 6305 | the Korean Society of Magnetic Resonance in Medicine, 2012, 16, 124. | 0.1 | 1 |
| 6306 | Investigation of the Correlation between Seoul Neuropsychological Screening Battery Scores and the Gray Matter Volume after Correction of Covariates of the Age, Gender, and Genotypes in Patients with AD and MCI. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 294. | 0.1 | 6 |
| 6307 | Oligodendroglial myelination requires astrocyte-derived lipids. PLoS Biology, 2017, 15, e1002605. | 2.6 | 179 |
| 6308 | Sequential inference as a mode of cognition and its correlates in fronto-parietal and hippocampal brain regions. PLoS Computational Biology, 2017, 13, e1005418. | 1.5 | 18 |
| 6309 | Decreased Brain Volume in Adults with Childhood Lead Exposure. PLoS Medicine, 2008, 5, e112. | 3.9 | 349 |
| 6310 | Colocalized Structural and Functional Changes in the Cortex of Patients with Trigeminal Neuropathic Pain. PLoS ONE, 2008, 3, e3396. | 1.1 | 109 |
| 6311 | Prognostic and Diagnostic Potential of the Structural Neuroanatomy of Depression. PLoS ONE, 2009, 4, e6353. | 1.1 | 215 |
| 6312 | Surface-Based Analysis on Shape and Fractional Anisotropy of White Matter Tracts in Alzheimer's Disease. PLoS ONE, 2010, 5, e9811. | 1.1 | 22 |
| 6313 | Structural Modifications of the Brain in Acclimatization to High-Altitude. PLoS ONE, 2010, 5, e11449. | 1.1 | 53 |
| 6314 | Breakfast Staple Types Affect Brain Gray Matter Volume and Cognitive Function in Healthy Children. PLoS ONE, 2010, 5, e15213. | 1.1 | 64 |
| 6315 | ANS: Aberrant Neurodevelopment of the Social Cognition Network in Adolescents with Autism Spectrum Disorders. PLoS ONE, 2011, 6, e18905. | 1.1 | 31 |
| 6316 | Working Memory Training Using Mental Calculation Impacts Regional Gray Matter of the Frontal and Parietal Regions. PLoS ONE, 2011, 6, e23175. | 1.1 | 141 |
| 6317 | Structural Brain Changes Related to Disease Duration in Patients with Asthma. PLoS ONE, 2011, 6, e23739. | 1.1 | 32 |
| 6318 | Focal Retrograde Amnesia: Voxel-Based Morphometry Findings in a Case without MRI Lesions. PLoS ONE, 2011, 6, e26538. | 1.1 | 15 |
| 6319 | Reduced Cortical Thickness in Mental Retardation. PLoS ONE, 2011, 6, e29673. | 1.1 | 16 |
| 6320 | Classification and Lateralization of Temporal Lobe Epilepsies with and without Hippocampal Atrophy Based on Whole-Brain Automatic MRI Segmentation. PLoS ONE, 2012, 7, e33096. | 1.1 | 59 |
| 6321 | Impact of Brain-Derived Neurotrophic Factor Val66Met Polymorphism on Cortical Thickness and Voxel-Based Morphometry in Healthy Chinese Young Adults. PLoS ONE, 2012, 7, e37777. | 1.1 | 38 |
| 6322 | Classification of Different Therapeutic Responses of Major Depressive Disorder with Multivariate Pattern Analysis Method Based on Structural MR Scans. PLoS ONE, 2012, 7, e40968. | 1.1 | 125 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6323 | Grey Matter Alterations Co-Localize with Functional Abnormalities in Developmental Dyslexia: An ALE Meta-Analysis. PLoS ONE, 2012, 7, e43122. | 1.1 | 154 |
| 6324 | Validating Serum S100B and Neuron-Specific Enolase as Biomarkers for the Human Brain – A Combined Serum, Gene Expression and MRI Study. PLoS ONE, 2012, 7, e43284. | 1.1 | 62 |
| 6325 | Structural and Functional Changes in Subcortical Vascular Mild Cognitive Impairment: A Combined Voxel-Based Morphometry and Resting-State fMRI Study. PLoS ONE, 2012, 7, e44758. | 1.1 | 97 |
| 6326 | The Structure of Mindful Brain. PLoS ONE, 2012, 7, e46377. | 1.1 | 56 |
| 6327 | Alterations in White Matter Microstructure in Neurofibromatosis-1. PLoS ONE, 2012, 7, e47854. | 1.1 | 61 |
| 6328 | A Longitudinal Study of Atrophy in Amnestic Mild Cognitive Impairment and Normal Aging Revealed by Cortical Thickness. PLoS ONE, 2012, 7, e48973. | 1.1 | 51 |
| 6329 | The Interleukin 3 Gene (IL3) Contributes to Human Brain Volume Variation by Regulating Proliferation and Survival of Neural Progenitors. PLoS ONE, 2012, 7, e50375. | 1.1 | 33 |
| 6330 | Reduced Visual Cortex Gray Matter Volume and Thickness in Young Adults Who Witnessed Domestic Violence during Childhood. PLoS ONE, 2012, 7, e52528. | 1.1 | 143 |
| 6331 | Huntington's Disease Mouse Models Online: High-Resolution MRI Images with Stereotaxic Templates for Computational Neuroanatomy. PLoS ONE, 2012, 7, e53361. | 1.1 | 9 |
| 6332 | A Randomized Controlled Trial of Multicomponent Exercise in Older Adults with Mild Cognitive Impairment. PLoS ONE, 2013, 8, e61483. | 1.1 | 267 |
| 6333 | Diminished Activation of Motor Working-Memory Networks in Parkinson's Disease. PLoS ONE, 2013, 8, e61786. | 1.1 | 29 |
| 6334 | FDG PET and MRI in Logopenic Primary Progressive Aphasia versus Dementia of the Alzheimer's Type. PLoS ONE, 2013, 8, e62471. | 1.1 | 100 |
| 6335 | Structural and Functional Connectivity Changes in the Brain Associated with Shyness but Not with Social Anxiety. PLoS ONE, 2013, 8, e63151. | 1.1 | 19 |
| 6336 | Voxel-Based Morphometry in Women with Borderline Personality Disorder with and without Comorbid Posttraumatic Stress Disorder. PLoS ONE, 2013, 8, e65824. | 1.1 | 72 |
| 6337 | Brain Tissue Volumes and Perfusion Change with the Number of Optic Neuritis Attacks in Relapsing Neuromyelitis Optica: A Voxel-Based Correlation Study. PLoS ONE, 2013, 8, e66271. | 1.1 | 20 |
| 6338 | Length of Acupuncture Training and Structural Plastic Brain Changes in Professional Acupuncturists. PLoS ONE, 2013, 8, e66591. | 1.1 | 10 |
| 6339 | Muscular Weakness in Individuals with HIV Associated with a Disorganization of the Cortico-Spinal Tract: A Multi-Modal MRI Investigation. PLoS ONE, 2013, 8, e66810. | 1.1 | 9 |
| 6340 | Mapping Cortical Degeneration in ALS with Magnetization Transfer Ratio and Voxel-Based Morphometry. PLoS ONE, 2013, 8, e68279. | 1.1 | 22 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6341 | Childhood Maltreatment Is Associated with Larger Left Thalamic Gray Matter Volume in Adolescents with Generalized Anxiety Disorder. PLoS ONE, 2013, 8, e71898. | 1.1 | 51 |
| 6342 | Effects of Androgen Deprivation on Cerebral Morphometry in Prostate Cancer Patients – An Exploratory Study. PLoS ONE, 2013, 8, e72032. | 1.1 | 46 |
| 6343 | Brain White Matter Shape Changes in Amyotrophic Lateral Sclerosis (ALS): A Fractal Dimension Study. PLoS ONE, 2013, 8, e73614. | 1.1 | 41 |
| 6344 | Magnetic Resonance Spectroscopic Imaging and Volumetric Measurements of the Brain in Patients with Postcancer Fatigue: A Randomized Controlled Trial. PLoS ONE, 2013, 8, e74638. | 1.1 | 7 |
| 6345 | Alcohol Induces Sensitization to Gluten in Genetically Susceptible Individuals: A Case Control Study. PLoS ONE, 2013, 8, e77638. | 1.1 | 12 |
| 6346 | Individual Differences in Brain Structure and Resting Brain Function Underlie Cognitive Styles: Evidence from the Embedded Figures Test. PLoS ONE, 2013, 8, e78089. | 1.1 | 35 |
| 6347 | Regional Grey Matter Structure Differences between Transsexuals and Healthy Controls—A Voxel Based Morphometry Study. PLoS ONE, 2013, 8, e83947. | 1.1 | 73 |
| 6348 | Low Pre-Existing Gray Matter Volume in the Medial Temporal Lobe and White Matter Lesions Are Associated with Postoperative Cognitive Dysfunction after Cardiac Surgery. PLoS ONE, 2014, 9, e87375. | 1.1 | 33 |
| 6349 | Catechol-O-Methyltransferase Val158Met Polymorphism on the Relationship between White Matter Hyperintensity and Cognition in Healthy People. PLoS ONE, 2014, 9, e88749. | 1.1 | 9 |
| 6350 | Longitudinal Grey and White Matter Changes in Frontotemporal Dementia and Alzheimer's Disease. PLoS ONE, 2014, 9, e90814. | 1.1 | 55 |
| 6351 | Structural Brain Alterations in Patients with Lumbar Disc Herniation: A Preliminary Study. PLoS ONE, 2014, 9, e90816. | 1.1 | 45 |
| 6352 | Mapping Cortical Thickness of the Patients with Unilateral End-Stage Open Angle Glaucoma on Planar Cerebral Cortex Maps. PLoS ONE, 2014, 9, e93682. | 1.1 | 30 |
| 6353 | Sex-Related Neuroanatomical Basis of Emotion Regulation Ability. PLoS ONE, 2014, 9, e97071. | 1.1 | 34 |
| 6354 | The Neural Mechanisms Underlying the Acute Effect of Cigarette Smoking on Chronic Smokers. PLoS ONE, 2014, 9, e102828. | 1.1 | 31 |
| 6355 | Voxel-Based MRI Intensitometry Reveals Extent of Cerebral White Matter Pathology in Amyotrophic Lateral Sclerosis. PLoS ONE, 2014, 9, e104894. | 1.1 | 19 |
| 6356 | Cortical Thickness, Surface Area and Volume Measures in Parkinson's Disease, Multiple System Atrophy and Progressive Supranuclear Palsy. PLoS ONE, 2014, 9, e114167. | 1.1 | 45 |
| 6357 | Secondary Hyperalgesia Phenotypes Exhibit Differences in Brain Activation during Noxious Stimulation. PLoS ONE, 2015, 10, e0114840. | 1.1 | 23 |
| 6358 | Studying Developmental Variation with Geometric Morphometric Image Analysis (GMIA). PLoS ONE, 2014, 9, e115076. | 1.1 | 19 |

| | | CITATION REPORT | |
|------|--|------------------|-----------|
| # | Article | IF | CITATIONS |
| 6359 | Tinnitus: A Large VBM-EEG Correlational Study. PLoS ONE, 2015, 10, e0115122. | 1.1 | 35 |
| 6360 | Regional Gray Matter Density Associated with Cognitive Reflectivity–Impulsivity: Evidence from Voxel-Based Morphometry. PLoS ONE, 2015, 10, e0122666. | 1.1 | 5 |
| 6361 | Strategic Lesions in the Anterior Thalamic Radiation and Apathy in Early Alzheimer's Disease. PLoS 2015, 10, e0124998. | ONE, 1.1 | 47 |
| 6362 | Anorexia Nervosa during Adolescence Is Associated with Decreased Gray Matter Volume in the Inferior Frontal Gyrus. PLoS ONE, 2015, 10, e0128548. | 1.1 | 28 |
| 6363 | Natalizumab Significantly Improves Cognitive Impairment over Three Years in MS: Pattern of Disab Progression and Preliminary MRI Findings. PLoS ONE, 2015, 10, e0131803. | ility 1.1 | 40 |
| 6364 | Spatio-Temporal Regularization for Longitudinal Registration to Subject-Specific 3d Template. PLo ONE, 2015, 10, e0133352. | 5 1.1 | 9 |
| 6365 | Surface-Based Display of Volume-Averaged Cerebellar Imaging Data. PLoS ONE, 2015, 10, e01334 | 02. 1.1 | 221 |
| 6366 | Voxel Based Morphometry Alterations in Mal de Debarquement Syndrome. PLoS ONE, 2015, 10, et | 0135021. 1.1 | 30 |
| 6367 | Extensive White Matter Alterations and Its Correlations with Ataxia Severity in SCA 2 Patients. PLo ONE, 2015, 10, e0135449. | S 1.1 | 24 |
| 6368 | The Relationship between Processing Speed and Regional White Matter Volume in Healthy Young People. PLoS ONE, 2015, 10, e0136386. | 1.1 | 53 |
| 6369 | Imaging Surrogates of Disease Activity in Neuromyelitis Optica Allow Distinction from Multiple Sclerosis. PLoS ONE, 2015, 10, e0137715. | 1.1 | 47 |
| 6370 | Action in Perception: Prominent Visuo-Motor Functional Symmetry in Musicians during Music Listening. PLoS ONE, 2015, 10, e0138238. | 1.1 | 44 |
| 6371 | Intrinsic Affective Network Is Impaired in Children with Attention-Deficit/Hyperactivity Disorder. PL ONE, 2015, 10, e0139018. | oS 1.1 | 18 |
| 6372 | Mapping Individual Brain Networks Using Statistical Similarity in Regional Morphology from MRI. P ONE, 2015, 10, e0141840. | LoS 1.1 | 82 |
| 6373 | Regional Abnormality of Grey Matter in Schizophrenia: Effect from the Illness or Treatment?. PLoS ONE, 2016, 11, e0147204. | 1.1 | 37 |
| 6374 | Brain Structural Correlates of Emotion Recognition in Psychopaths. PLoS ONE, 2016, 11, e014980 | 7. 1.1 | 32 |
| 6375 | Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipo Disorder. PLoS ONE, 2016, 11, e0158867. | lar 1.1 | 35 |
| 6376 | Development of an Automated MRI-Based Diagnostic Protocol for Amyotrophic Lateral Sclerosis U Disease-Specific Pathognomonic Features: A Quantitative Disease-State Classification Study. PLoS 2016, 11, e0167331. | sing ONE, 1.1 | 65 |

ARTICLE IF CITATIONS Identification of Early-Stage Alzheimer's Disease Using Sulcal Morphology and Other Common 6377 1.1 39 Neuroimaging Indices. PLoS ONE, 2017, 12, e0170875. Cortical brain volume abnormalities associated with few or multiple neuropsychiatric symptoms in 6378 1.1 Alzheimer's disease. PLoS ONE, 2017, 12, e0177169. Whole brain volume changes and its correlation with clinical symptom severity in patients with 6379 42 1.1 schizophrenia: A DARTEL-based VBM study. PLoS ONE, 2017, 12, e0177251. Regional gray matter correlates of memory for emotion-laden words in middle-aged and older adults: 1.1 A voxel-based morphometry study. PLoS ÓNE, 2017, 12, e0182541. Structural and functional correlates for language efficiency in auditory word processing. PLoS ONE, 6381 1.1 3 2017, 12, e0184232. MRI-based Brain Healthcare Quotients: A bridge between neural and behavioral analyses for keeping the brain healthy. PLoS ONE, 2017, 12, e0187137. 6382 1.1 Playing Super Mario 64 increases hippocampal grey matter in older adults. PLoS ONE, 2017, 12, e0187779. 6383 1.1 82 Brain structural changes in cynomolgus monkeys administered with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine: Á longitudinal voxel-based morphometry and diffusion tensor imaging study. PLoS ONE, 2018, 13, e0189804. 6384 1.1 Longitudinal microstructural changes of cerebral white matter and their association with mobility 6385 1.1 16 performance in older persons. PLoS ONE, 2018, 13, e0194051. Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by 1.1 area comparison. PLoS ONE, 2020, 15, e0237552. Genetic Correlations Between Brain Volumes and the WAIS-III Dimensions of Verbal Comprehension, Working Memory, Perceptual Organization, and Processing Speed. Twin Research and Human Genetics, 6387 2 1.3 2003, 6, 131-139. Molecular Subtyping of Mild Cognitive Impairment Based on Genetic Polymorphism and Gene 6389 1.5 Expression. journal of prevention of Alzheimer's disease, The, 2021, 8, 1-10. Association of a risk allele of ANK3 with cognitive performance and cortical thickness in patients 6390 1.4 32 with first-episode psychosis. Journal of Psychiatry and Neuroscience, 2014, 39, 31-39. Refinement by integration: aggregated effects of multimodal imaging markers on adult ADHD. Journal of Psychiatry and Neuroscience, 2017, 42, 386-394. 1.4 39 Structural alterations in patients with obsessive–compulsive disorder: a surface-based analysis of 6392 1.4 16 cortical volume, surface area and thickness. Journal of Psychiatry and Neuroscience, 2017, 42, 395-403. Machine learning (ML) for the diagnosis of autism spectrum disorder (ASD) using brain imaging. 6393 106 Reviews in the Neurosciences, 2020, 31, 825-841. Random Subspace Ensemble Artificial Neural Networks for First-episode Schizophrenia Classification., 6394 9 0,,. Deformable Atlases for the Segmentation of Internal Brain Nuclei in Magnetic Resonance Imaging. 1.2 International Journal of Computers, Communications and Control, 2014, 2, 26.

| # | Article | IF | CITATIONS |
|------|--|------------|---------------------|
| 6396 | Correlation between voxel based morphometry and manual volumetry in magnetic resonance images of the human brain. Anais Da Academia Brasileira De Ciencias, 2008, 80, 149-156. | 0.3 | 21 |
| 6397 | Novas técnicas de neuroimagem em psiquiatria: qual o potencial de aplicações na prática clÃnica?. Revista Brasileira De Psiquiatria, 2001, 23, 58-60. | 0.9 | 4 |
| 6398 | Structural Brain Neuroimaging in Primary Insomnia. Sleep Medicine Research, 2015, 6, 50-53. | 0.2 | 4 |
| 6399 | 10-Week Hatha Yoga Increases Right Hippocampal Density Compared to Active and Passive Control Groups: A Controlled Structural cMRI Study. Journal of Neuroimaging in Psychiatry & Neurology, 2019, 04, . | 0.4 | 8 |
| 6400 | Relationships between Cerebral Blood Flow and IQ in Typically Developing Children and Adolescents. Journal of Cognitive Science, 2011, 12, 151-170. | 0.2 | 19 |
| 6401 | Patterns of brain atrophy associated with episodic memory and semantic fluency decline in aging. Aging, 2017, 9, 741-752. | 1.4 | 25 |
| 6402 | Cerebellar-limbic neurocircuit is the novel biosignature of physio-cognitive decline syndrome. Aging, 2020, 12, 25319-25336. | 1.4 | 28 |
| 6403 | PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis <i>M.smegmatis</i> model. Oncotarget, 2017, 8, 21834-21851. | 0.8 | 17 |
| 6404 | Brain gray matter abnormalities in progressive supranuclear palsy revisited. Oncotarget, 2017, 8, 80941-80955. | 0.8 | 8 |
| 6405 | Aberrant brain grey matter volume patterns differ among Chinese Han drug-naÃ⁻ve depression patients with acute and chronic stress. Oncotarget, 2017, 8, 91958-91964. | 0.8 | 1 |
| 6406 | Active brain changes after initiating fingolimod therapy in multiple sclerosis patients using individual voxel-based analyses for diffusion tensor imaging. Nagoya Journal of Medical Science, 2016, 78, 455-463. | 0.6 | 5 |
| 6407 | The Association between Polygenic Hazard and Markers of Alzheimer's Disease Following Stratification for APOE Genotype. Current Alzheimer Research, 2020, 17, 667-679. | 0.7 | 2 |
| 6408 | A Neuroanatomical Basis for the Frequency of Discrete Spontaneous Activities in Schizophrenia. Open Neuroimaging Journal, 2009, 3, 48-53. | 0.2 | 2 |
| 6409 | Extending Inferential Group Analysis in Type 2 Diabetic Patients with Multivariate GLM Implemented in SPM8. Open Neuroimaging Journal, 2017, 11, 32-45. | 0.2 | 2 |
| 6410 | The Development of a Practical Artificial Intelligence Tool for Diagnosing and Evaluating Autism Spectrum Disorder: Multicenter Study. JMIR Medical Informatics, 2020, 8, e15767. | 1.3 | 28 |
| 6411 | Haptoglobin 1-1 Genotype Modulates the Association of Glycemic Control With Hippocampal Volume in Elderly Individuals With Type 2 Diabetes. Diabetes, 2017, 66, 2927-2932. | 0.3 | 13 |
| 6412 | Repeatability of Brain Volume Measurements Made with the Atlas-based Method from T ₁ -weighted Images Acquired Using a 0.4 Tesla Low Field MR Scanner. Magnetic Resonance in Medical Sciences, 2016, 15, 365-370. | 1.1 | 14 |
| 6413 | å»¶é«"åᡩ⊂઼åž‹åŠè"Šé«"åᡩ⊂઼åž‹è,ŒèŽç¼©ä¾§ç´¢çj¬åŒ−ç−‡æ,£è€çš®å±,åĩè−"æ¨jæ€ï¼šåŸºäºŽèj¨é¢çi | ś"å1∕ø¢æ€å | ¦ç"ጬ©¶. <u>C</u> hi |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6414 | Long-Term Grey Matter Changes in First Episode Psychosis: A Systematic Review. Psychiatry Investigation, 2019, 16, 336-345. | 0.7 | 22 |
| 6415 | Biological markers for early detection and pharmacological treatment of Alzheimer's disease. Dialogues in Clinical Neuroscience, 2009, 11, 141-157. | 1.8 | 39 |
| 6416 | Typical and atypical brain development: a review of neuroimaging studies. Dialogues in Clinical Neuroscience, 2013, 15, 359-384. | 1.8 | 106 |
| 6417 | Data-driven approaches for identifying links between brain structure and function in health and disease. Dialogues in Clinical Neuroscience, 2018, 20, 87-99. | 1.8 | 32 |
| 6418 | Apathy in frontotemporal dementia: behavioral and neuroimaging correlates. Behavioural Neurology, 2012, 25, 127-36. | 1.1 | 63 |
| 6420 | Translingual Neural Stimulation With the Portable Neuromodulation Stimulator (PoNS®) Induces Structural Changes Leading to Functional Recovery In Patients With Mild-To-Moderate Traumatic Brain Injury. EMJ Radiology, 0, , . | 0.0 | 1 |
| 6421 | The Parahippocampal Gyrus as a Neural Marker of Early Remission in First-Episode Psychosis: A Voxel-Based Morphometry Study. Clinical Schizophrenia and Related Psychoses, 2011, 4, 217-228. | 1.4 | 30 |
| 6422 | Coexistence of Misconceptions and Scientific Conceptions in Chemistry Professors: A Mental Chronometry and fMRI Study. Frontiers in Education, 2020, 5, . | 1.2 | 11 |
| 6423 | Tracking the Cognitive, Social, and Neuroanatomical Profile in Early Neurodegeneration: Type III Cockayne Syndrome. Frontiers in Aging Neuroscience, 2013, 5, 80. | 1.7 | 20 |
| 6424 | Modern dance training and string instrument training have different effects on grey matter architecture. Advances in Psychological Science, 2018, 26, 1165. | 0.2 | 4 |
| 6425 | Changes in the default mode network in the prefrontal lobe, posterior cingulated cortex and hippocampus of heroin users. Neural Regeneration Research, 2012, 7, 1386-91. | 1.6 | 6 |
| 6426 | Brain structure in post-traumatic stress disorder: A voxel-based morphometry analysis. Neural Regeneration Research, 2013, 8, 2405-14. | 1.6 | 19 |
| 6427 | Magnetic resonance morphometry of the loss of gray matter volume in Parkinson's disease patients. Neural Regeneration Research, 2013, 8, 2557-65. | 1.6 | 11 |
| 6428 | Differences in brain structure in patients with distinct sites of chronic pain: A voxel-based morphometric analysis. Neural Regeneration Research, 2013, 8, 2981-90. | 1.6 | 32 |
| 6429 | Quantitative MRI in refractory temporal lobe epilepsy: relationship with surgical outcomes. Quantitative Imaging in Medicine and Surgery, 2015, 5, 204-24. | 1.1 | 56 |
| 6430 | Post-processing of structural MRI for individualized diagnostics. Quantitative Imaging in Medicine and Surgery, 2015, 5, 188-203. | 1.1 | 35 |
| 6431 | Magnetic Resonance Image Analysis for Brain CAD Systems with Machine Learning. Advances in Bioinformatics and Biomedical Engineering Book Series, 2012, , 258-296. | 0.2 | 9 |
| 6432 | Techniques for the Generation of 3D Finite Element Meshes of Human Organs. , 2010, , 126-158. | | 8 |

| | | CITATION REPORT | | |
|------|---|-----------------------------|-----|-----------|
| # | Article | | IF | CITATIONS |
| 6433 | Brain structural changes and their correlation with vascular disease in type 2 diabetes n patients: a voxel-based morphometric study. Neural Regeneration Research, 2014, 9, 15 | | 1.6 | 22 |
| 6434 | Central plasticity resulting from chronic low back pain in degenerative disorders of the Regeneration Research, 2015, 10, 1234. | spine. Neural | 1.6 | 5 |
| 6435 | How random is the random forest? Random forest algorithm on the service of structura biomarkers for Alzheimer's disease: from Alzheimer's disease neuroimaging initiative (A Neural Regeneration Research, 2018, 13, 962. | l imaging DNI) database. | 1.6 | 53 |
| 6436 | An Abnormal Cerebellar Network in Children with Autistic Spectrum Disorder: A Morpho Study. Autism-open Access, 2016, 6, . | metric | 0.2 | 4 |
| 6437 | Physical Activity, Mediterranean Diet and Biomarkers-Assessed Risk of Alzheimer's: Brain Imaging Study. Advances in Molecular Imaging, 2014, 04, 43-57. | A Multi-Modality | 0.3 | 56 |
| 6438 | White Matter Changes in Alzheimer's Disease Revealed by Diffusion Tensor Imaging Journal of Neuroscience, 2015, 05, 58-65. | with TBSS. World | 0.1 | 4 |
| 6439 | Statistical parametric mapping (SPM). Scholarpedia Journal, 2008, 3, 6232. | | 0.3 | 56 |
| 6440 | Learning a Classification-based Glioma Growth Model Using MRI Data. Journal of Comp | ıters, 2006, 1, . | 0.4 | 11 |
| 6441 | Imaging Improves Diagnosis of Dementia with Lewy Bodies. Psychiatry Investigation, 20 | 009, 6, 233. | 0.7 | 25 |
| 6442 | Construction and Validation of Brain MRI Templates from a Korean Normal Elderly Popu Psychiatry Investigation, 2016, 13, 135. | lation. | 0.7 | 11 |
| 6443 | Multimodal morphometry and functional magnetic resonance imaging in schizophrenia hallucinations. World Journal of Radiology, 2012, 4, 159. | and auditory | 0.5 | 14 |
| 6444 | Brain atrophy: an in-vivo measure of disease activity in multiple sclerosis. Swiss Medical 143, w13887. | Weekly, 2013, | 0.8 | 19 |
| 6445 | Selecting and Extracting Effective Features for Automated Diagnosis of Alzheimer& International Journal of Computer Applications, 2013, 81, 17-28. | ;apos;s Disease. | 0.2 | 11 |
| 6446 | Classification of Alzheimer's Disease from 3D Structural MRI Data. International J Computer Applications, 2012, 47, 40-44. | burnal of | 0.2 | 11 |
| 6447 | Gender and Hemispheric Differences in Epilepsy Diagnosed by Voxel-based Morphometr a Pilot Cortical Thickness Study. Acta Informatica Medica, 2019, 27, 171. | y (VBM) Method: | 0.5 | 4 |
| 6448 | An Improved Sample Balanced Genetic Algorithm and Extreme Learning Machine for Ac Alzheimer Disease Diagnosis. Journal of Computing Science and Engineering, 2016, 10, | curate 118-127. | 0.3 | 3 |
| 6449 | Efficient Blockwise Permutation Tests Preserving Exchangeability. International Journal in Medical Research, 2014, 3, 134-144. | of Statistics | 0.5 | 3 |
| 6450 | Gray Matter Atrophy in Parkinson's Disease and the Parkinsonian Variant of Multiple Sy Combined ROI- and Voxel-Based Morphometric Study. Clinics, 2020, 75, e1505. | stem Atrophy: A | 0.6 | 7 |

| | | .FORT | |
|------|--|-----------|-----------|
| # | ARTICLE Er der kÄnsforskelle i hjernens bearbejdning af sprog?. Tidsskrift for Sprogforskning, 2009, 7, 1. | IF 0.0 | CITATIONS |
| 6452 | Inter-individual differences in human brain structure and morphology link to variation in demographics and behavior. ELife, 2019, 8, . | 2.8 | 86 |
| 6453 | Network-wide abnormalities explain memory variability in hippocampal amnesia. ELife, 2019, 8, . | 2.8 | 30 |
| 6454 | Assessing reproducibility in association studies. ELife, 2019, 8, . | 2.8 | 7 |
| 6455 | Early life stress causes sex-specific changes in adult fronto-limbic connectivity that differentially drive learning. ELife, 2020, 9, . | 2.8 | 23 |
| 6456 | Chimpanzee brain morphometry utilizing standardized MRI preprocessing and macroanatomical annotations. ELife, 2020, 9, . | 2.8 | 20 |
| 6457 | Morphological connectivity correlates with trait impulsivity in healthy adults. PeerJ, 2017, 5, e3533. | 0.9 | 12 |
| 6458 | Neuroimaging studies of essential tremor: how well do these studies support/refute the neurodegenerative hypothesis?. Tremor and Other Hyperkinetic Movements, 2014, 4, 235. | 1.1 | 26 |
| 6459 | Neuroimaging of Essential Tremor: What is the Evidence for Cerebellar Involvement?. Tremor and Other Hyperkinetic Movements, 2012, 2, . | 1.1 | 28 |
| 6460 | Primary dystonia: conceptualizing the disorder through a structural brain imaging lens. Tremor and Other Hyperkinetic Movements, 2013, 3, . | 1.1 | 27 |
| 6461 | Diffusion Tensor Imaging Findings of White Matter Changes in First Episode Schizophrenia: A Systematic Review. Clinical Psychopharmacology and Neuroscience, 2012, 10, 13-24. | 0.9 | 57 |
| 6462 | The Role of Diffusion Tensor Imaging in Detecting Microstructural Changes in Prodromal Alzheimer's Disease. CNS Neuroscience and Therapeutics, 2014, 20, 3-9. | 1.9 | 2 |
| 6463 | Neurogenetic Effects of OXTR rs2254298 in the Extended Limbic System of Healthy Caucasian Adults. Biological Psychiatry, 2011, 70, e37-e39. | 0.7 | 19 |
| 6464 | OUP accepted manuscript. Brain Communications, 2021, 3, fcab228. | 1.5 | 1 |
| 6465 | Test-Time Training for Deformable Multi-Scale Image Registration. , 2021, , . | | 11 |
| 6466 | Proficiency in Using Level Cue for Sound Localization Is Related to the Auditory Cortical Structure in Patients With Single-Sided Deafness. Frontiers in Neuroscience, 2021, 15, 749824. | 1.4 | 6 |
| 6467 | Imaging in Huntington's. Neuromethods, 2022, , 457-505. | 0.2 | 0 |
| 6469 | Late chronotype is linked to greater cortical thickness in the left fusiform and entorhinal gyri. Biological Rhythm Research, 2022, 53, 1626-1638. | 0.4 | 7 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6470 | Lesions and reduced working memory impair emotion recognition in self and others. Cognition and Emotion, 2021, 35, 1527-1542. | 1.2 | 1 |
| 6472 | Differences in gray matter volume in episodic migraine patients with and without prior diagnosis or clinical care: a cross-sectional study. Journal of Headache and Pain, 2021, 22, 127. | 2.5 | 2 |
| 6473 | Manual Correction of Voxel Misclassifications in Mesiotemporal Structures Does Not Alter Brain–Behavioral Results in an Episodic Memory Task. Journal of Clinical Medicine, 2021, 10, 4869. | 1.0 | 0 |
| 6474 | Reduced age-related gray matter loss in the subgenual cingulate cortex in long-term meditators. Brain Imaging and Behavior, 2021, 15, 2824-2832. | 1.1 | 3 |
| 6475 | MRI-derived brain age as a biomarker of ageing in rats: validation using a healthy lifestyle intervention. Neurobiology of Aging, 2022, 109, 204-215. | 1.5 | 6 |
| 6476 | Epileptogenic Zone Localization in Refractory Epilepsy by FDG-PET: The Comparison of SPM and SPM-CAT With Different Parameter Settings. Frontiers in Neurology, 2021, 12, 724680. | 1.1 | 5 |
| 6477 | Spatially Covarying Patterns of Gray Matter Volume and Concentration Highlight Distinct Regions in Schizophrenia. Frontiers in Neuroscience, 2021, 15, 708387. | 1.4 | 4 |
| 6478 | Cytoarchitectonically Defined Volumes of Early Extrastriate Visual Cortex in Unmedicated Adults With Body Dysmorphic Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 909-917. | 1.1 | 1 |
| 6479 | Bayesian inference and dynamic prediction of multivariate joint model with functional data: An application to Alzheimer's disease. Statistics in Medicine, 2021, 40, 6855. | 0.8 | 1 |
| 6480 | Low soluble amyloid-Î ² 42 is associated with smaller brain volume in Parkinson's disease. Parkinsonism and Related Disorders, 2021, 92, 15-21. | 1.1 | 8 |
| 6481 | Neurocognitive factorial structure of executive functions: Evidence from neurotypicals and frontotemporal dementia. Cortex, 2021, 145, 79-96. | 1.1 | 2 |
| 6483 | Using Voxel-Based Morphometry to Examine Atrophy-Behavior Correlates in Alzheimer's Disease and Frontotemporal Dementia. Lecture Notes in Computer Science, 2002, , 770-776. | 1.0 | 0 |
| 6484 | Inverse Consistent Image Registration of MR Brain Scans: Handedness in Normal Adult Males. Lecture Notes in Computer Science, 2003, , 71-80. | 1.0 | 2 |
| 6485 | Developments in Psychiatric Neuroimaging. , 2003, , 66-77. | | 0 |
| 6486 | Developments in Psychiatric Neuroimaging. , 2003, , 43-54. | | 0 |
| 6487 | Temporal Lobe Epilepsy Surgical Outcome Prediction. Lecture Notes in Computer Science, 2004, , 696-702. | 1.0 | 0 |
| 6488 | Co-analysis of Maps of Atrophy Rate and Atrophy State in Neurodegeneration. Lecture Notes in Computer Science, 2004, , 680-687. | 1.0 | 0 |
| 6489 | Applied Computational Neuroanatomy in Disease. , 2004, , 125-147. | | 1 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 6490 | Instrumentation in Nuclear Medicine. , 2004, , 13-32. | | 0 |
| 6491 | Neuroimaging Alzheimer's disease. , 2004, , 128-160. | | 0 |
| 6492 | Role of Functional Magnetic Neuroimaging in Diagnosis and Research. , 2005, , 451-458. | | 0 |
| 6494 | Acquisition-Related Limitations in MRI Based Morphometry. Lecture Notes in Computer Science, 2005, 8, 498-505. | 1.0 | 0 |
| 6495 | What Functional Brain Imaging Will Mean for Neurology. , 2005, , 471-xxiv. | | 0 |
| 6496 | OSA Brain Morphology Differences. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1057-1058. | 2.5 | 1 |
| 6497 | Asociación entre mayor cantidad de lÃquido cefalorraquÃdeo frontal y duración de la enfermedad en varones pero no en mujeres con esquizofrenia. European Psychiatry (Ed Española), 2005, 12, 439-445. | 0.0 | 0 |
| 6498 | IMPROVED SEGMENTATION OF MR BRAIN IMAGES INCLUDING BIAS FIELD CORRECTION BASED ON 3D-CSC. , 2006, , . | | 2 |
| 6500 | Low-dimensional Multimodal Deformable Registration of MRI Brain Images in Stereotaxic Space. European Journal for Biomedical Informatics, 2006, 02, . | 0.5 | 0 |
| 6502 | Morphometric Analysis Of Normal And Pathologic Brain Structure Via High-Dimensional Shape Transformations. , 2007, , 393-445. | | 0 |
| 6503 | Voxel-Based Morphometry Reveals Gray Matter Abnormalities in Migraine. Headache, 2007, . | 1.8 | 0 |
| 6504 | Bildgebende Verfahren. , 2008, , 553-582. | | 0 |
| 6505 | Surface-Based Structural Group Analysis of fMRI Data. Lecture Notes in Computer Science, 2008, 11, 959-966. | 1.0 | 5 |
| 6506 | Lenguaje IExpresión y comprensión. , 2008, , 415-432. | | 0 |
| 6507 | On Classifying Disease-Induced Patterns in the Brain Using Diffusion Tensor Images. Lecture Notes in Computer Science, 2008, 11, 908-916. | 1.0 | 8 |
| 6508 | Surface-Based Vector Analysis Using Heat Equation Interpolation: A New Approach to Quantify Local Hippocampal Volume Changes. Lecture Notes in Computer Science, 2008, 11, 1008-1015. | 1.0 | 18 |
| 6509 | Concentración de N-acetil-aspartato en el área prefrontal dorsolateral en hombres con esquizofrenia crónica y trastorno bipolar crónico. European Psychiatry (Ed Española), 2008, 15, 81-89. | 0.0 | 0 |
| 6510 | Valoración del daño axonal difuso en los traumatismos cráneo-encefálicos. Escritos De Psicologia, 2008, 2, 54-64. | 0.2 | 0 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6511 | Magnetic Resonance Imaging Biomarkers in Schizophrenia Research. , 2009, , 123-144. | | 0 |
| 6512 | Role of Imaging Techniques in Discerning Neurobehavioral Changes in Ischemic, Neurodegenerative and Demyelinating Disorders. , 2009, , 17-54. | | 0 |
| 6513 | How can physicians quantify brain degeneration?. , 2009, , 411-449. | | 0 |
| 6514 | fMRI of Pain. Neuromethods, 2009, , 457-491. | 0.2 | 1 |
| 6515 | Tecniche convenzionali e avanzate di risonanza magnetica applicata alla malattia di Parkinson e sindromi parkinsoniane. , 2009, , 115-133. | | 0 |
| 6516 | Integration of Measures of Functional and Structural MRI. Neuromethods, 2009, , 785-809. | 0.2 | 0 |
| 6517 | Structure-Specific Statistical Mapping of White Matter Tracts. Mathematics and Visualization, 2009, , 83-112. | 0.4 | 4 |
| 6518 | Feature-Based Morphometry. Lecture Notes in Computer Science, 2009, 12, 109-116. | 1.0 | 4 |
| 6519 | Local Kernel for Brains Classification in Schizophrenia. Lecture Notes in Computer Science, 2009, , 112-121. | 1.0 | 0 |
| 6520 | Zusatzdiagnostik. , 2009, , 69-102. | | 0 |
| 6522 | Parts-Based Appearance Modeling of Medical Imagery*. , 2009, , 305-340. | | 0 |
| 6523 | Anatomical Imaging: Volumetric Analysis. , 2010, , 31-45. | | 0 |
| 6524 | Imaging CNS Disease States: Alzheimer's Disease. , 2010, , 303-318. | | 0 |
| 6525 | 12 Structural Imaging of Mild Cognitive Impairment. , 2009, , 169-182. | | 0 |
| 6526 | 16 MRI and the Differential Diagnosis of Dementia. , 2009, , 261-272. | | 0 |
| 6527 | Brain MRI Segmentation. , 2010, , 45-73. | | 1 |
| 6528 | Processing and Visualization of Diffusion MRI. Biological and Medical Physics Series, 2010, , 403-424. | 0.3 | 1 |
| 6529 | Optimally-Discriminative Voxel-Based Analysis. Lecture Notes in Computer Science, 2010, 13, 257-265. | 1.0 | 2 |

| | | CITATION RE | PORT | |
|------|---|-----------------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 6530 | A Comparison of VBM Results by SPM, ICA and LICA. Lecture Notes in Computer Science | 2, 2010, , 429-435. | 1.0 | 1 |
| 6531 | Atlas Construction and Image Analysis Using Statistical Cardiac Models. Lecture Notes is Science, 2010, , 1-13. | n Computer | 1.0 | 0 |
| 6534 | Analysis of Magnetic Resonance Imaging Data on the Study of Alzheimer's Disease. Bao/Journal of Software, 2010, 20, 1123-1138. | Ruan Jian Xue | 0.3 | 0 |
| 6535 | Advances in Structural and Functional Neuroimaging. , 2010, , 257-282. | | | 0 |
| 6536 | Review: Friedreich Ataxia and Erythropoietin. The Open Drug Discovery Journal, 2010, 2, | 18-24. | 0.8 | 0 |
| 6537 | Diffusion-Tensor Imaging and Behavioral Medicine. , 2011, , 49-66. | | | 0 |
| 6540 | Funktionelle Bildgebung bei Schmerz. , 2011, , 105-116. | | | 0 |
| 6541 | Diffusion Tensor Imaging of the Brain in Fetal Alcohol Spectrum Disorder. , 2011, , 2897 | -2913. | | 0 |
| 6542 | Functional Connectivity Analysis with Voxel-Based Morphometry for Diagnosis of Mild C Impairment. Lecture Notes in Computer Science, 2011, , 306-313. | ognitive | 1.0 | 1 |
| 6543 | Findings from Structural Neuroimaging. , 2011, , 157-159. | | | 0 |
| 6545 | Anatomical Regularization on Statistical Manifolds for the Classification of Patients with Alzheimer's Disease. Lecture Notes in Computer Science, 2011, , 201-208. | ı | 1.0 | 1 |
| 6547 | Simultaneous PET and MR Imaging of the Human Brain. , 2011, , 867-892. | | | 0 |
| 6548 | Volumetry and Other Quantitative Measurements to Assess the Rodent Brain. Methods Biology, 2011, 771, 277-291. | in Molecular | 0.4 | 0 |
| 6549 | Bildgebende Verfahren. , 2011, , 649-680. | | | 0 |
| 6550 | Tract-Based Spatial Statistics of the Corpus Callosum using Different Tensor-Derived Ind Informatik Aktuell, 2011, , 244-248. | ices. | 0.4 | 0 |
| 6551 | Statistical Analysis for Recovery of Structure and Function from Brain Images. , 0, , . | | | 2 |
| 6552 | A Comparison Study on Human Brain Volume of White Matter, Gray Matter and Hippoca on Magnetic Resonance Imaging Conditions and Applied Brain Template. Journal of the I of Magnetic Resonance in Medicine, 2011, 15, 242. | ampus Depending Korean Society | 0.1 | 3 |
| 6553 | Genetic Regulation of Emotion Brain Circuitries. Frontiers in Neuroscience, 2011, , 75-96 | 5. | 0.0 | 0 |

ARTICLE IF CITATIONS \hat{A}_{i} Es la atrofia del hipocampo en la enfermedad de Parkinson un predictor de demencia?. Alzheimer 6554 0.1 1 Realidades E InvestigaciÃ³n En Demencia, 2011, , 5-11. Abnormal Brain Density in Victims of Rape with PTSD in Mainland China: A Voxel-Based Analysis of Magnetic Resonance Imaging Study., 0, , . 6556 Zusatzdiagnostik., 2012,, 63-89. 0 Statistical Shape Analysis for Population Studies via Level-Set Based Shape Morphing. Lecture Notes in Computer Science, 2012, , 42-51. An investigation of volumetric and corpus callosum dimension to detect brain disorders. Journal of 6558 0.2 4 Biomedical Science and Engineering, 2012, 05, 369-377. 3D BENDING OF SURFACES AND VOLUMES WITH AN APPLICATION TO BRAIN TORQUE MODELING., 2012, , . Neuroimage Classification for Early Diagnosis of Alzheimer's Disease. Advances in Bioinformatics and 6560 0.2 0 Biomedical Engineering Book Series, 2012, , 336-350. Functional and Structural MRI: Theoretical Background and Practical Aspects., 2012,, 269-317. 6561 The Stereology and 3D Volume Analyses in Nervous Tissue. Springer Protocols, 2012, , 31-52. 0.1 6562 0 Structural magnetic resonance imaging., 2012, , 191-196. 6563 Neuroimaging Findings in Dementia with Lewy Body: A Review., 0,,. 0 6564 Neurocognitive Methods in Higher Cognition., 2012,,. 6565 6567 Imaging Disease Progression., 2013, , 93-114. 0 Structural Imaging of the "Hallucinating―Brain in Schizophrenia. , 2013, , 343-358. 6568 Templates and Analysis Methods for Small Animal High-resolution Diffusion Magnetic Resonance 6569 0.3 0 Imaging*. Progress in Biochemistry and Biophysics, 2012, 39, 513-518. DYSLEXIA RESEARCH AT THE TURN OF THE 21ST CENTURY: BEHAVIOURAL, NEUROIMAGING AND GENETIC 6570 FINDINGS. Acta Neuropsychologica, 2012, 10, 163-191. A Hippocampus Segmentation in Brain MR Images using Level-Set Method. Journal of Korea Multimedia 6571 0.1 2 Society, 2012, 15, 1075-1085. 6572 Neuroimaging in Multiple Sclerosis., 2013, , 43-64.

ARTICLE IF CITATIONS Grundlagen der Morphometrie., 2013,, 87-101. 0 6573 Neuroimaging in the Diagnosis of Dementia. Japanese Journal of Neurosurgery, 2013, 22, 525-531. Cocaine Dependent Classification on MRI Data Extracting Features from Voxel Based Morphometry. 6576 0 1.0 Lecture Notes in Computer Science, 2013, , 140-148. DTI and Tractography in the Autistic Brain., 2013, , 267-279. 6579 Gaussian Filtering Effects on Brain Tissue-masked Susceptibility Weighted Images to Optimize 6580 0.1 0 Voxel-based Analysis. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 275. Rethinking the Contribution of Neuroimaging to Translation in Schizophrenia., 2013, , 175-194. Structural Brain Network Constrained Neuroimaging Marker Identification for Predicting Cognitive 6583 1.0 3 Functions. Lecture Notes in Computer Science, 2013, 23, 536-547. Altersabhägige Effekte., 2013, , 215-227. 6584 Quantifying Brain Morphology Using Structural Imaging., 2013, , 17-54. 0 6585 Introduction to Brain and Medical Images., 2013, , 19-38. 6588 Fiber Based Comparison of Whole Brain Tractographies with Application to Amyotrophic Lateral 6590 0.4 0 Sclerosis. Mathematics and Visualization, 2014, , 175-185. Individual differences in feedback learning and regional gray matter volume. Korean Journal of Cognitive and Biological Psychology, 2013, 25, 517-538. 6591 0.0 6592 Kernel-Based Morphometry of Diffusion Tensor Images. Mathematics and Visualization, 2014, , 229-247. 0.4 0 Image Computing Based on Bayesian Models (BM). Lecture Notes in Computational Vision and 6593 Biomechanics, 2014, , 123-149. Dementia-Related Features in Longitudinal MRI: Tracking Keypoints over Time. Lecture Notes in 6594 1.0 1 Computer Science, 2014, , 59-70. Supervised Block Sparse Dictionary Learning for Simultaneous Clustering and Classification in 6595 Computational Anatomy. Lecture Notes in Computer Science, 2014, 17, 446-453. Analysis of Various Automated Structural Computing Methods Inpatient with Early Traumatic Brain 6596 0.2 0 Injury. Open Access Journal of Science and Technology, 2014, 2, . Comparison of two VBM arithmetic based on Alzheimer's Disease MRI analysis. , 0, , .

| | Сіта | tion Report | |
|------|--|-------------|-----------|
| # | Article | IF | CITATIONS |
| 6598 | Automatic Design of Neuromarkers for OCD Characterization. Lecture Notes in Computer Science, 2014, , 450-465. | 1.0 | 0 |
| 6599 | Discrete Ladders for Parallel Transport in Transformation Groups with an Affine Connection Structure. Signals and Communication Technology, 2014, , 243-271. | 0.4 | 0 |
| 6600 | Funktionelle Bildgebung bei Schmerz. , 2014, , 1-20. | | 0 |
| 6601 | Altered Brain Development: Delay in Emergence of Self-Representation in Children with ASD. , 2014, , 2903-2922. | | 0 |
| 6602 | In Vivo Imaging in Neurodegenerative Diseases. , 2014, , 45-80. | | 1 |
| 6603 | Intra-Rater and Inter-Rater Reliability of Brain Surface Intensity Model (BSIM)-Based Cortical Thickness Analysis Using 3T MRI. Investigative Magnetic Resonance Imaging, 2015, 19, 168. | 0.2 | Ο |
| 6604 | Altered Structural-functional Maturation of the Right Amygdala in Healthy Adolescents Exposed to Traumatic Events. Journal of Child and Adolescent Behavior, 2015, 03, . | 0.2 | 0 |
| 6605 | Statistical Computing on Non-Linear Spaces for Computational Anatomy. , 2015, , 147-168. | | 1 |
| 6606 | Grey Matter Sublayer Thickness Estimation in the Mouse Cerebellum. Lecture Notes in Computer Science, 2015, , 644-651. | 1.0 | 0 |
| 6608 | Morphologic and Functional Connectivity Alterations in Patients with Major Depressive Disorder. Lecture Notes in Computer Science, 2015, , 33-42. | 1.0 | 1 |
| 6609 | Zusatzdiagnostik. , 2015, , 59-85. | | 0 |
| 6610 | Disentangling Disease Heterogeneity with Max-Margin Multiple Hyperplane Classifier. Lecture Notes in Computer Science, 2015, 9349, 702-709. | 1.0 | 3 |
| 6611 | Improved Parkinson's Disease Classification from Diffusion MRI Data by Fisher Vector Descriptors. Lecture Notes in Computer Science, 2015, , 119-126. | 1.0 | 2 |
| 6612 | HIGH IMPEDANCE ACTUATOR FUSION: A NEW CONCEPT FOR A HAPTIC SYSTEM. International Journal or Robotics and Automation, 2015, 30, . | f 0.1 | 0 |
| 6613 | Multithreaded Approach for Registration of Medical Images using Mutual Information in Multicore Environment and its Applications in Medical Imaging. International Journal of Computer Applications, 2015, 113, 23-32. | 0.2 | 1 |
| 6614 | Cortical dysplasia detection using semi-automatic cortical thickness methods. Salud Uninorte, 2015, 31, 575-583. | 0.0 | 0 |
| 6615 | Individual Differences in Personality Traits. Journal of Psychophysiology, 2015, 29, 107-111. | 0.3 | 1 |
| 6616 | Neuroanatomical Correlates of PTSD: Risk, Resiliency, and Sequelae. , 2016, , 1193-1208. | | 1 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6617 | Sparse-Based Morphometry: Principle and Application to Alzheimer's Disease. Lecture Notes in Computer Science, 2016, , 43-50. | 1.0 | 1 |
| 6618 | Overviewing Causality or Over-Interpreting Noise: Is Modern Neuroscience Shaping Our View of the Human Mind?. Advances in Cognitive Neurodynamics, 2016, , 177-183. | 0.1 | 0 |
| 6619 | Gray matter alterations in cirrhosis with and without hepatic encephalopathy: a meta-analysis of voxel-based morphometry studies. Neuropsychiatry, 2016, 6, . | 0.4 | 0 |
| 6620 | Bildgebende Verfahren in der Psychiatrie. , 2016, , 1-36. | | 0 |
| 6621 | Genetics: Facts and Perspectivesand Andrea Ginestroni. , 2016, , 127-154. | | 0 |
| 6629 | Chapter 6 Neuroimaging biomarkers for autism spectrum disorder. , 2016, , 95-120. | | 0 |
| 6631 | Imaging in Neurology Research II: Exploring Plasticity and Cognitive Networks by In Vivo MRI. , 2017, , 727-760. | | 0 |
| 6632 | Structural Brain Imaging and Internet Addiction. Studies in Neuroscience, Psychology and Behavioral Economics, 2017, , 37-58. | 0.1 | 1 |
| 6634 | Evaluating Alzheimer's Disease Diagnosis Using Texture Analysis. Communications in Computer and Information Science, 2017, , 470-481. | 0.4 | 4 |
| 6635 | Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284. | | 2 |
| 6637 | Automatic Head MRI segmentation combining FCM and VBM. , 2017, , . | | 0 |
| 6638 | Voxel-Based Morphometry. , 2017, , 1-2. | | 1 |
| 6639 | A Novel Approach for the Prediction of Conversion from Mild Cognitive Impairment to Alzheimer's disease using MRI Images. Advances in Electrical and Computer Engineering, 2017, 17, 113-122. | 0.5 | 6 |
| 6641 | Supra-Threshold Fiber Cluster Statistics for Data-Driven Whole Brain Tractography Analysis. Lecture Notes in Computer Science, 2017, , 556-565. | 1.0 | 0 |
| 6642 | Resection Probability Maps of Glioma. , 2017, , 665-683. | | 0 |
| 6644 | ADNI Datasets and Pre-processing Protocols. Springer Theses, 2017, , 41-51. | 0.0 | 0 |
| 6645 | A Novel Feature Extraction Approach with VBM 3D ROI Masks on MRI. IFMBE Proceedings, 2017, , 523-530. | 0.2 | 0 |
| 6646 | Neuronal Signatures of Pain in the Rehabilitation Patient. , 2017, , 3-11. | | Ο |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6647 | Bildgebende Verfahren in der Psychiatrie. , 2017, , 711-746. | | 0 |
| 6649 | Imaging Disease Progression. , 2018, , 93-121. | | 0 |
| 6653 | Zerebrale Mechanismen – Bildgebung (Schmerzmatrix – Schmerznetzwerk). , 2018, , 1-13. | | 0 |
| 6655 | Lesion-Symptom Mapping. , 2018, , 1-5. | | 0 |
| 6656 | Face Recognition Analysis Using 3D Model. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 220-236. | 0.2 | 0 |
| 6657 | Morphometry in Normal Aging. Neuromethods, 2018, , 165-181. | 0.2 | 0 |
| 6659 | Voxel-Based Morphometry. , 2018, , 3668-3669. | | 0 |
| 6660 | Application of sulcal morphometry analysis in cognitive neuroscience of language. Advances in Psychological Science, 2018, 26, 994. | 0.2 | 0 |
| 6661 | Exploratory Population Analysis with Unbalanced Optimal Transport. Lecture Notes in Computer Science, 2018, 11072, 464-472. | 1.0 | 4 |
| 6662 | Lesion-Symptom Mapping. , 2018, , 1986-1991. | | 0 |
| 6663 | Brain Mechanisms of College Students' Social Adjustment: Evidence from Multimodal Magnetic Resonance Imaging (MRI). Health, 2018, 10, 442-457. | 0.1 | 1 |
| 6664 | Early Identification of Alzheimer's Disease Using an Ensemble of 3D Convolutional Neural Networks and Magnetic Resonance Imaging. Lecture Notes in Computer Science, 2018, , 303-311. | 1.0 | 3 |
| 6665 | Generative Discriminative Models for Multivariate Inference and Statistical Mapping in Medical Imaging. Lecture Notes in Computer Science, 2018, , 540-548. | 1.0 | 6 |
| 6666 | The VBM and Functional Connectivity Basis of Individual Differences in Muller-Lyer Illusion. Advances in Psychology, 2018, 08, 163-173. | 0.0 | 0 |
| 6667 | ä¼2"è,²é"»ç,¼ä¿f进认Ÿ¥åŠŸèf½çš"脑机å^¶. Advances in Psychological Science, 2018, 26, 1857-1868. | 0.2 | 4 |
| 6668 | Magnetic Resonance Imaging: Basic Principles and Applications. Contemporary Clinical Neuroscience, 2018, , 1-25. | 0.3 | 0 |
| 6671 | Big Data Era in Magnetic Resonance Imaging of the Human Brain. , 2018, , 21-54. | | 1 |
| 6672 | Supervised Classification Techniques forÂldentifying Alzheimer's Disease. Advances in Intelligent Systems and Computing, 2019, , 189-197. | 0.5 | 1 |

| CITATION REPOR | 5 T |
|----------------|-----|

| # | Article | IF | CITATIONS |
|------|---|-------------|-----------|
| 6674 | A study of single subject VBM and DARTEL on healthy subjects. , 2018, , . | | 0 |
| 6675 | Spatiotemporal Statistical Shape Model Construction for the Observation of Temporal Change in Human Brain Shape. , 0, , . | | 0 |
| 6676 | Fine tuning VBM for mouse brain analysis: model adjustment using atrophy simulation. , 2018, , . | | 1 |
| 6677 | Theoretical Approaches of Machine Learning to Schizophrenia. Engineering International, 2018, 6, 155-168. | 0.7 | 8 |
| 6678 | Zusatzdiagnostik. , 2019, , 53-73.e1. | | 0 |
| 6679 | Zerebrale Mechanismen – Bildgebung (Schmerzmatrix – Schmerznetzwerk). Springer Reference Medizin, 2019, , 37-49. | 0.0 | 0 |
| 6680 | Conformal Welding for Brain-Intelligence Analysis. Lecture Notes in Computer Science, 2019, , 368-380. | 1.0 | 0 |
| 6684 | Chronic insomnia disorder: perspectives from structural neuroimaging. Precision and Future Medicine, 2019, 3, 10-18. | 0.5 | 1 |
| 6692 | An Improved Non-local Means Denoising Technique for Brain MRI. Advances in Intelligent Systems and Computing, 2020, , 765-773. | 0.5 | 3 |
| 6699 | Functional Neuroimaging Biomarkers in Migraine: Diagnostic, Prognostic and Therapeutic Implications. Current Medicinal Chemistry, 2019, 26, 6236-6252. | 1.2 | 8 |
| 6700 | Neuroscience of Aging. , 2020, , 1-7. | | 0 |
| 6702 | Structural and Resting-State Brain Alterations in Trauma-Exposed Firefighters: Preliminary Results. Journal of the Korean Society of Radiology, 2020, 81, 676. | 0.1 | 2 |
| 6706 | Shape Deformation in the Brainstem of Medication-NaÃ⁻ve Female Patients with Major Depressive Disorder. Psychiatry Investigation, 2020, 17, 465-474. | 0.7 | 4 |
| 6711 | Empathy and Social Attribution Skills Moderate the Relationship between Temporal Lobe Volume and Facial Expression Recognition Ability in Schizophrenia. Clinical Psychopharmacology and Neuroscience, 2020, 18, 362-374. | 0.9 | 3 |
| 6713 | Üç Boyutlu T1 Ağırlıklı Manyetik Rezonans Görüntülerinde ×n İşleme Yöntemleri. Europear Science and Technology, 0, , 227-240. | n Journal o | f 1 |
| 6716 | Voxel-based Morphometry Analysis for Healthy Aging and Cognitive Function. Higher Brain Function Research, 2020, 40, 377-384. | 0.0 | 0 |
| 6717 | Changes of Structural and Functional Attention Control Networks in Subclinical Hypothyroidism. Frontiers in Behavioral Neuroscience, 2021, 15, 725908. | 1.0 | 5 |
| 6718 | Association Between Anatomical Location of Surgically Induced Lesions and Postoperative Seizure Outcome in Temporal Lobe Epilepsy. Neurology, 2022, 98, . | 1.5 | 9 |

| # | Article | IF | Citations |
|------|--|-----|-----------|
| 6719 | Recycling diagnostic MRI for empowering brain morphometric research – Critical & practical assessment on learning-based image super-resolution. NeuroImage, 2021, 245, 118687. | 2.1 | 5 |
| 6720 | Repetitive T1 Imaging Influences Gray Matter Volume Estimations in Structural Brain Imaging. Frontiers in Neurology, 2021, 12, 755749. | 1.1 | 0 |
| 6721 | Histological Correlates of Neuroanatomical Changes in a Rat Model of Levodopa-Induced Dyskinesia Based on Voxel-Based Morphometry. Frontiers in Aging Neuroscience, 2021, 13, 759934. | 1.7 | 6 |
| 6722 | Design as a Marked Point Process. Journal of Mechanical Design, Transactions of the ASME, 2022, 144, . | 1.7 | 1 |
| 6723 | Multimodal neuroimaging fusion biomarkers mediate the association between gut microbiota and cognition. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 113, 110468. | 2.5 | 18 |
| 6725 | Voxel-Based Morphometry in Frontotemporal Dementia. Human Physiology, 2020, 46, 912-920. | 0.1 | 0 |
| 6729 | Reduced grey- and white matter volumes due to unilateral hearing loss following treatment for vestibular schwannoma. Heliyon, 2020, 6, e05658. | 1.4 | 5 |
| 6730 | Brain Age Estimation using PCA and PLS components for Healthy controls. , 2020, , . | | 0 |
| 6731 | Brain structural alterations in schizophrenia and their non-affected relatives: a voxel-based morphometric study. , 2020, , . | | 1 |
| 6732 | Cerebral cortical thickness and surface area in adolescent anorexia nervosa: Separate and joint analyses with a permutationâ€based nonparametric method. International Journal of Eating Disorders, 2021, 54, 561-568. | 2.1 | 3 |
| 6733 | Comparing VBM and ROI analyses for detection of gray matter abnormalities in patients with bipolar disorder using MRI. Middle East Current Psychiatry, 2020, 27, . | 0.5 | 9 |
| 6734 | Different Patterns of Gray Matter Volume Reduction in Early-onset and Late-onset Alzheimer Disease. Cognitive and Behavioral Neurology, 2020, 33, 253-258. | 0.5 | 5 |
| 6735 | PET/SPECT/MRI/fMRI Studies in the Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. , 2021, , 985-1001. | | 5 |
| 6736 | Automatic Tissue Segmentation with Deep Learning in Patients with Congenital or Acquired Distortion of Brain Anatomy. Lecture Notes in Computer Science, 2020, , 13-22. | 1.0 | 1 |
| 6737 | Lesion-Symptom Mapping in Speech and Language Disorders: A Translational Perspective. Contemporary Clinical Neuroscience, 2020, , 241-257. | 0.3 | 0 |
| 6738 | fMRI Data Analysis Using SPM. , 2020, , 89-116. | | 1 |
| 6739 | Re-emergent tremor in patients with Parkinson's disease: an imaging study. Annals of Movement Disorders, 2020, 3, 106. | 0.3 | 0 |
| 6740 | A Review of Platform-Dependent Processing of Sex Effects in the Study on Brain Structure. Advances in Psychology, 2020, 10, 1253-1258. | 0.0 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6743 | Neuroscience: Cellular Level, Gray Matter, Cellular Density. , 2020, , 202-210. | | 0 |
| 6745 | Multimodal Imaging of Cerebral Microhemorrhages and White Matter Degradation in Geriatric Patients with Mild Traumatic Brain Injury. Methods in Molecular Biology, 2020, 2144, 223-236. | 0.4 | 1 |
| 6746 | Spatial Component Analysis to Mitigate Multiple Testing in Voxel-Based Analysis. Lecture Notes in Computer Science, 2020, , 667-677. | 1.0 | 0 |
| 6749 | Correlations between cognitive function and gray matter alterations in patients with acute lacunar stroke. Brain Science Advances, 2021, 7, 112-123. | 0.3 | 0 |
| 6750 | Left cerebral cortex complexity differences in sporadic healthy individuals with auditory verbal hallucinations: A pilot study. Psychiatry Research, 2020, 285, 112834. | 1.7 | 2 |
| 6752 | MRI evaluation of myelopathic pain after spinal cord injury or spinal cord tumor surgery. Pain Research, 2020, 35, 34-44. | 0.1 | 0 |
| 6754 | Fast learning-based registration of sparse 3D clinical images. , 2020, , . | | 1 |
| 6756 | Functional and Structural Alteration of Default Mode, Executive Control, and Salience Networks in Alcohol Use Disorder. Frontiers in Psychiatry, 2021, 12, 742228. | 1.3 | 6 |
| 6757 | Resilience and young people's brain structure, function and connectivity: A systematic review. Neuroscience and Biobehavioral Reviews, 2022, 132, 936-956. | 2.9 | 25 |
| 6758 | Integrated structural and functional atlases of Asian children from infancy to childhood. NeuroImage, 2021, 245, 118716. | 2.1 | 8 |
| 6759 | Regional brain atrophy and aberrant cortical folding relate to anxiety and depression in patients with traumatic brain injury and psychogenic nonepileptic seizures. Epilepsia, 2022, 63, 222-236. | 2.6 | 17 |
| 6760 | Structural and Functional Deficits in Patients with Poststroke Dementia: A Multimodal MRI Study. Neural Plasticity, 2021, 2021, 1-11. | 1.0 | 3 |
| 6761 | Relapsing–remitting and secondaryâ€progressive multiple sclerosis patients differ in decoding others' emotions by their eyes. European Journal of Neurology, 2021, 29, 505. | 1.7 | 2 |
| 6762 | Association of Reproductive History With Brain MRI Biomarkers of Dementia Risk in Midlife. Neurology, 2021, 97, e2328-e2339. | 1.5 | 34 |
| 6763 | Can Autism Be Diagnosed with Artificial Intelligence? A Narrative Review. Diagnostics, 2021, 11, 2032. | 1.3 | 9 |
| 6764 | Brain Imaging Study on the Pathogenesis of Depression & Therapeutic Effect of Selective Serotonin Reuptake Inhibitors. Psychiatry Investigation, 2020, 17, 688-694. | 0.7 | 8 |
| 6765 | Line laser point cloud segmentation based on the combination of RANSAC and region growing. , 2020, , | | 6 |
| 6769 | Differentiate Negative and Positive Schizophrenia Using Support Vector Machine. , 2008, , 863-866. | | 0 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 6770 | Funktionelle Bildgebung bei Schmerz. , 0, , 91-99. | | 0 |
| 6771 | 3D MRI Acquisition: Technique. , 2008, , 15-26. | | 1 |
| 6772 | Multimodality in Functional Neuroimaging. , 2007, , 189-207. | | 0 |
| 6774 | Null Point Imaging: A Joint Acquisition/Analysis Paradigm for MR Classification. , 2007, 10, 759-766. | | 4 |
| 6775 | Deformation-Based Morphometric study on Blind men's brain structures. , 2008, , 213-215. | | 1 |
| 6780 | Shape and Volumetric Differences in the Corpus Callosum between Patients with Major Depressive Disorder and Healthy Controls. Psychiatry Investigation, 2020, 17, 941-950. | 0.7 | 11 |
| 6782 | Identifying neuroanatomical signatures in insomnia and migraine comorbidity. Sleep, 2021, 44, . | 0.6 | 11 |
| 6786 | The European Prediction of Psychosis Study (EPOS): integrating early recognition and intervention in Europe. World Psychiatry, 2005, 4, 161-7. | 4.8 | 108 |
| 6788 | Topography of cerebral atrophy in early Huntington's disease: a voxel based morphometric MRI study. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 213-20. | 0.9 | 167 |
| 6789 | Voxel based morphometry reveals a distinct pattern of frontal atrophy in progressive supranuclear palsy. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 246-9. | 0.9 | 103 |
| 6790 | Rostral anterior cingulate volume predicts treatment response to cognitive-behavioural therapy for posttraumatic stress disorder. Journal of Psychiatry and Neuroscience, 2008, 33, 142-6. | 1.4 | 118 |
| 6791 | Neural synchrony in patients with a first episode of schizophrenia: tracking relations with grey matter and symptom profile. Journal of Psychiatry and Neuroscience, 2009, 34, 21-9. | 1.4 | 23 |
| 6792 | Association of total tau and phosphorylated tau 181 protein levels in cerebrospinal fluid with cerebral atrophy in mild cognitive impairment and Alzheimer disease. Journal of Psychiatry and Neuroscience, 2009, 34, 136-42. | 1.4 | 32 |
| 6795 | Structural covariance in the hallucinating brain: a voxel-based morphometry study. Journal of Psychiatry and Neuroscience, 2009, 34, 465-9. | 1.4 | 62 |
| 6799 | Brain Shape Characterization from Deformation. Proceedings, 2006, 3, 1140-1143. | 0.0 | 4 |
| 6803 | Role of Kinetic Modeling in Biomedical Imaging. Journal of Medical Sciences (Taiwan), 2008, 28, 57-63. | 0.1 | 3 |
| 6804 | Statistical Modelling of Brain Morphological Measures Within Family Pedigrees. Statistica Sinica, 2008, 18, 1569-1591. | 0.2 | 4 |
| 6808 | Voxel-based Morphometry of Brain MRI in Normal Aging and Alzheimer's Disease. , 2013, 4, 29-37. | | 61 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6811 | Whole-brain voxel-based morphometry study of children and adolescents with Down syndrome. Functional Neurology, 2013, 28, 19-28. | 1.3 | 58 |
| 6813 | A hybrid hierarchical approach for brain tissue segmentation by combining brain atlas and least square support vector machine. Journal of Medical Signals and Sensors, 2013, 3, 232-43. | 0.5 | 3 |
| 6816 | Speeding up Permutation Testing in Neuroimaging. Advances in Neural Information Processing Systems, 2013, 2013, 890-898. | 2.8 | 3 |
| 6818 | Structural gray matter change early in male patients with HIV. International Journal of Clinical and Experimental Medicine, 2014, 7, 3362-9. | 1.3 | 12 |
| 6819 | A review of neuroimaging biomarkers of Alzheimer's disease. Neurology Asia, 2013, 18, 239-248. | 0.1 | 27 |
| 6821 | Neuroimaging-based methods for autism identification: a possible translational application?. Functional Neurology, 2014, 29, 231-9. | 1.3 | 14 |
| 6825 | A Voxel Based Morphometry Study of Brain Gray Matter Volumes in Juvenile Obsessive Compulsive Disorder. Journal of the Canadian Academy of Child and Adolescent Psychiatry, 2015, 24, 84-91. | 0.7 | 8 |
| 6830 | An Optimal Transportation based Univariate Neuroimaging Index. Proceedings of the IEEE International Conference on Computer Vision, 2017, 2017, 182-191. | 0.0 | 2 |
| 6831 | Classification of MRI and psychological testing data based on support vector machine. International Journal of Clinical and Experimental Medicine, 2017, 10, 16004-16026. | 1.3 | 1 |
| 6832 | Genotype-phenotype association study via new multi-task learning model. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 353-364. | 0.7 | 2 |
| 6833 | A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. Statistics in Biosciences, 2019, 11, 22-46. | 0.6 | 2 |
| 6834 | Deep Multiview Learning to Identify Population Structure with Multimodal Imaging. Proceedings IEEE International Symposium on Bioinformatics and Bioengineering, 2020, 2020, 308-314. | 1.0 | 0 |
| 6835 | Reliable callosal measurement: population normative data confirm sex-related differences. American Journal of Neuroradiology, 2003, 24, 410-8. | 1.2 | 41 |
| 6836 | Regional brain atrophy evolves differently in patients with multiple sclerosis according to clinical phenotype. American Journal of Neuroradiology, 2005, 26, 341-6. | 1.2 | 113 |
| 6837 | Voxel-based morphometric comparison between early- and late-onset mild Alzheimer's disease and assessment of diagnostic performance of z score images. American Journal of Neuroradiology, 2005, 26, 333-40. | 1.2 | 156 |
| 6838 | Changes in brain morphology in Alzheimer disease and normal aging: is Alzheimer disease an exaggerated aging process?. American Journal of Neuroradiology, 2001, 22, 1680-5. | 1.2 | 122 |
| 6839 | Local tissue damage assessed with statistical mapping analysis of brain magnetization transfer ratio: relationship with functional status of patients in the earliest stage of multiple sclerosis. American Journal of Neuroradiology, 2005, 26, 119-27. | 1.2 | 60 |
| 6840 | Whole-brain atrophy in multiple sclerosis measured by automated versus semiautomated MR imaging segmentation. American Journal of Neuroradiology, 2004, 25, 985-96. | 1.2 | 40 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6841 | Diffusion tensor tractography of the limbic system. American Journal of Neuroradiology, 2005, 26, 2267-74. | 1.2 | 202 |
| 6842 | Cognitive aging, executive function, and fractional anisotropy: a diffusion tensor MR imaging study. American Journal of Neuroradiology, 2007, 28, 226-35. | 1.2 | 256 |
| 6843 | Whole-brain and regional brain atrophy in amyotrophic lateral sclerosis. American Journal of Neuroradiology, 2007, 28, 255-9. | 1.2 | 112 |
| 6844 | Whole-brain histogram and voxel-based analyses of apparent diffusion coefficient and magnetization transfer ratio in celiac disease, epilepsy, and cerebral calcifications syndrome. American Journal of Neuroradiology, 2007, 28, 479-85. | 1.2 | 10 |
| 6845 | Voxel-based analysis of quantitative T1 maps demonstrates that multiple sclerosis acts throughout the normal-appearing white matter. American Journal of Neuroradiology, 2006, 27, 868-74. | 1.2 | 27 |
| 6846 | Enhancing gray-to-white matter contrast in 3T T1 spin-echo brain scans by optimizing flip angle. American Journal of Neuroradiology, 2005, 26, 2000-4. | 1.2 | 18 |
| 6847 | Standardized, reproducible, high resolution global measurements of T1 relaxation metrics in cases of multiple sclerosis. American Journal of Neuroradiology, 2003, 24, 58-67. | 1.2 | 10 |
| 6848 | Neuroscience of Aging. , 2021, , 3465-3471. | | 0 |
| 6849 | Multi-scale semi-supervised clustering of brain images: Deriving disease subtypes. Medical Image Analysis, 2022, 75, 102304. | 7.0 | 28 |
| 6850 | Effects of a physical activity intervention on brain atrophy in older adults at risk of dementia: a randomized controlled trial. Brain Imaging and Behavior, 2021, 15, 2833-2842. | 1.1 | 1 |
| 6851 | An App knock-in rat model for Alzheimer's disease exhibiting Aβ and tau pathologies, neuronal death and cognitive impairments. Cell Research, 2022, 32, 157-175. | 5.7 | 53 |
| 6852 | Association of white matter volume with sleep quality: a voxel-based morphometry study. Brain Imaging and Behavior, 2022, 16, 1163-1175. | 1.1 | 8 |
| 6853 | Tracking tDCS induced grey matter changes in episodic migraine: a randomized controlled trial. Journal of Headache and Pain, 2021, 22, 139. | 2.5 | 6 |
| 6854 | Pregnancy and brain architecture: Associations with hormones, cognition and affect. Journal of Neuroendocrinology, 2022, 34, e13066. | 1.2 | 9 |
| 6855 | Diagnosis of Alzheimer's Disease with Ensemble Learning Classifier and 3D Convolutional Neural Network. Sensors, 2021, 21, 7634. | 2.1 | 12 |
| 6856 | Identifying imaging genetic associations via regional morphometricity estimation. , 2021, , . | | 0 |
| 6857 | Common Grey Matter Reductions in Alcohol Use and Obsessive-Compulsive Disorders: A Metanalysis. | 10 | |
| | Biological Psychiatry Global Open Science, 2021, , . | 1.0 | 4 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6860 | Sex Differences in Alzheimer's Disease Revealed by Free-Water Diffusion Tensor Imaging and Voxel-Based Morphometry. Journal of Alzheimer's Disease, 2022, 85, 395-414. | 1.2 | 7 |
| 6861 | Localization of anatomical changes in patients during proton therapy with inâ€beam PET monitoring: A voxelâ€based morphometry approach exploiting Monte Carlo simulations. Medical Physics, 2022, 49, 23-40. | 1.6 | 8 |
| 6862 | Neurofilament light in plasma is a potential biomarker of central nervous system involvement in systemic lupus erythematosus. Journal of Neurology, 2022, 269, 3064-3074. | 1.8 | 8 |
| 6863 | Attentional bias to threat and gray matter volume morphology in high anxious individuals. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 600-609. | 1.0 | 3 |
| 6864 | Regional Brain Volume, Brain Reserve and MMSE Performance in Healthy Aging From the NEUROAGE Cohort: Contributions of Sex, Education, and Depression Symptoms. Frontiers in Aging Neuroscience, 2021, 13, 711301. | 1.7 | 4 |
| 6867 | The Motor Engram of Functional Connectivity Generated by Acute Whole-Body Dynamic Balance Training. Medicine and Science in Sports and Exercise, 2022, 54, 598-608. | 0.2 | 2 |
| 6868 | The role of multimodal MRI in mild cognitive impairment and Alzheimer's disease. Journal of Neuroimaging, 2022, 32, 148-157. | 1.0 | 5 |
| 6869 | Distinct Patterns of Brain Metabolism in Patients at Risk of Sudden Unexpected Death in Epilepsy. Frontiers in Neurology, 2021, 12, 623358. | 1.1 | 8 |
| 6873 | Early brain injury and cognitive impairment after aneurysmal subarachnoid haemorrhage. Scientific Reports, 2021, 11, 23245. | 1.6 | 11 |
| 6874 | Cognitive and Neural Mechanisms of Social Communication Dysfunction in Primary Progressive Aphasia. Brain Sciences, 2021, 11, 1600. | 1.1 | 6 |
| 6875 | Descending pain modulatory efficiency in healthy subjects is related to structure and resting connectivity of brain regions. NeuroImage, 2022, 247, 118742. | 2.1 | 9 |
| 6876 | Brain structural correlates of autistic traits across the diagnostic divide: A grey matter and white matter microstructure study. NeuroImage: Clinical, 2021, 32, 102897. | 1.4 | 11 |
| 6877 | Few-Shot Domain-Adaptive Anomaly Detection for Cross-Site Brain Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, 46, 1819-1835. | 9.7 | 8 |
| 6878 | Disrupted Dynamic Functional Connectivity of the Visual Network in Episodic Patients with Migraine without Aura. Neural Plasticity, 2022, 2022, 1-10. | 1.0 | 7 |
| 6879 | Multimodal MRI cerebral correlates of verbal fluency switching and its impairment in women with depression. Neurolmage: Clinical, 2022, 33, 102910. | 1.4 | 0 |
| 6880 | Brain Imaging Biomarkers for Chronic Pain. Frontiers in Neurology, 2021, 12, 734821. | 1.1 | 12 |
| 6881 | Serial Recall Order of Category Fluency Words: Exploring Its Neural Underpinnings. Frontiers in Psychology, 2021, 12, 777838. | 1.1 | 2 |
| 6882 | Neural basis underlying the association between expressive suppression and procrastination: The mediation role of the dorsolateral prefrontal cortex. Brain and Cognition, 2022, 157, 105832. | 0.8 | 1 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6883 | Try to see it my way – Examining the relationship between visual perspective taking and theory of mind in frontotemporal dementia. Brain and Cognition, 2022, 157, 105835. | 0.8 | 2 |
| 6884 | Deep Multiview Learning to Identify Population Structure with Multimodal Imaging. , 2020, 2020, 308-314. | | 1 |
| 6885 | Applications and challenges. , 0, , . | | 0 |
| 6886 | Dissociating regional gray matter density and gray matter volume in autism spectrum condition. NeuroImage: Clinical, 2021, 32, 102888. | 1.4 | 9 |
| 6887 | Impact of Early-Commenced and Continued Sports Training on the Precuneus in Older Athletes. Frontiers in Human Neuroscience, 2021, 15, 766935. | 1.0 | 1 |
| 6888 | <scp>BrainForge</scp> : An online data analysis platform for integrative neuroimaging acquisition, analysis, and sharing. Concurrency Computation Practice and Experience, 2023, 35, . | 1.4 | 2 |
| 6889 | Comparison of frontostriatal circuits in adolescent nicotine addiction and internet gaming disorder. Journal of Behavioral Addictions, 2022, 11, 26-39. | 1.9 | 10 |
| 6890 | Brain Surface Area Alterations Correlate With Gait Impairments in Parkinson's Disease. Frontiers in Aging Neuroscience, 2022, 14, 806026. | 1.7 | 5 |
| 6891 | Reduced Hippocampal Volume and Neurochemical Response to Adult Stress Exposure in a Female Mouse Model of Urogenital Hypersensitivity. Frontiers in Pain Research, 2022, 3, 809944. | 0.9 | 1 |
| 6892 | A coordinate-based meta-analysis of white matter alterations in patients with alcohol use disorder. Translational Psychiatry, 2022, 12, 40. | 2.4 | 12 |
| 6893 | Subcortical and Cerebellar Neural Correlates of Prodromal Alzheimer's Disease with Prolonged Sleep Latency. Journal of Alzheimer's Disease, 2022, 86, 565-578. | 1.2 | 4 |
| 6894 | Pairwise feature-based generative adversarial network for incomplete multi-modal Alzheimer's disease diagnosis. Visual Computer, 2023, 39, 2235-2244. | 2.5 | 6 |
| 6895 | A comprehensive study on early detection of Alzheimer disease using convolutional neural network. AIP Conference Proceedings, 2022, , . | 0.3 | 2 |
| 6896 | Common and specific large-scale brain changes in major depressive disorder, anxiety disorders, and chronic pain: a transdiagnostic multimodal meta-analysis of structural and functional MRI studies. Neuropsychopharmacology, 2022, 47, 1071-1080. | 2.8 | 29 |
| 6897 | Restoration of Aberrant Shape of Caudate Subregions Associated with Cognitive Function Improvement in Mild Traumatic Brain Injury. Journal of Neurotrauma, 2022, 39, 348-357. | 1.7 | 12 |
| 6898 | Neural Advantages of Older Musicians Involve the Cerebellum: Implications for Healthy Aging Through Lifelong Musical Instrument Training. Frontiers in Human Neuroscience, 2021, 15, 784026. | 1.0 | 6 |
| 6899 | Stroke population–specific neuroanatomical CT-MRI brain atlas. Neuroradiology, 2022, , 1. | 1.1 | 1 |
| 6900 | Brain abnormalities in children with attention-deficit/hyperactivity disorder assessed by multi-delay arterial spin labeling perfusion and voxel-based morphometry. Japanese Journal of Radiology, 2022, 40, 568-577 | 1.0 | 6 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6902 | Structural and functional brain alterations in patients with myasthenia gravis. Brain Communications, 2022, 4, fcac018. | 1.5 | 4 |
| 6903 | Voxel-based meta-analysis of gray matter abnormalities in idiopathic dystonia. Journal of Neurology, 2022, 269, 2862-2873. | 1.8 | 6 |
| 6904 | Study of Brain Structure and Function in Chronic Mountain Sickness Based on fMRI. Frontiers in Neurology, 2021, 12, 763835. | 1.1 | 6 |
| 6905 | Structural and functional deficits and couplings in the cortico-striato-thalamo-cerebellar circuitry in social anxiety disorder. Translational Psychiatry, 2022, 12, 26. | 2.4 | 45 |
| 6906 | Computational anatomy and geometric shape analysis enables analysis of complex craniofacial phenotypes in zebrafish. Biology Open, 2022, 11, . | 0.6 | 8 |
| 6907 | Circumventing the curse of dimensionality in magnetic resonance fingerprinting through a deep learning approach. NMR in Biomedicine, 2022, 35, e4670. | 1.6 | 6 |
| 6908 | Neurodegenerative and functional signatures of the cerebellar cortex in m.3243A > G patients. Brain Communications, 2022, 4, fcac024. | 1.5 | 2 |
| 6909 | Concordance of Alzheimer's Disease Subtypes Produced from Different Representative Morphological Measures: A Comparative Study. Brain Sciences, 2022, 12, 187. | 1.1 | 3 |
| 6910 | A pilot voxel-based morphometry study of older adults after the PICMOR intervention program. BMC Geriatrics, 2022, 22, 63. | 1.1 | 6 |
| 6911 | Brain Structural Changes During Juvenile Fibromyalgia: Relationships With Pain, Fatigue, and Functional Disability. Arthritis and Rheumatology, 2022, 74, 1284-1294. | 2.9 | 6 |
| 6912 | LDVoxelMorph: A precise loss function and cascaded architecture for unsupervised diffeomorphic large displacement registration. Medical Physics, 2022, 49, 2427-2441. | 1.6 | 4 |
| 6913 | Normal-Appearing White Matter Deteriorates over the Year After an Ischemic Stroke and Is Associated with Global Cognition. Translational Stroke Research, 2022, 13, 716-724. | 2.3 | 3 |
| 6914 | Structural brain correlates of burnout severity in medical professionals: A voxel-based morphometric study. Neuroscience Letters, 2022, 772, 136484. | 1.0 | 7 |
| 6915 | Measuring variability of local brain volume using improved volume preserved warping. Computerized Medical Imaging and Graphics, 2022, 96, 102039. | 3.5 | 0 |
| 6916 | Structural and functional brain recovery in individuals with substance use disorders during abstinence: A review of longitudinal neuroimaging studies. Drug and Alcohol Dependence, 2022, 232, 109319. | 1.6 | 22 |
| 6917 | The role of right supra-marginal gyrus and secondary somatosensory cortex in age-related differences in human emotional egocentricity. Neurobiology of Aging, 2022, 112, 102-110. | 1.5 | 6 |
| 6918 | Functional and volumetric cortico-cerebellar alterations in congenital blind children associated with language processing. Journal of Magnetic Resonance Open, 2022, 10-11, 100038. | 0.5 | 0 |
| 6919 | Selfâ€reported wordâ€finding complaints are associated with cerebrospinal fluid amyloid beta and atrophy in cognitively normal older adults. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, e12274. | 1.2 | 4 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6921 | Multidimensional inhibitory signatures of sentential negation in behavioral variant frontotemporal dementia. Cerebral Cortex, 2022, 33, 403-420. | 1.6 | 8 |
| 6922 | A diagnostic index based on quantitative susceptibility mapping and voxel-based morphometry may improve early diagnosis of Alzheimer's disease. European Radiology, 2022, 32, 4479-4488. | 2.3 | 9 |
| 6923 | Increased gray matter following mindfulness-based stress reduction in breast cancer survivors with chronic neuropathic pain: preliminary evidence using voxel-based morphometry. Acta Neurologica Belgica, 2022, 122, 735-743. | 0.5 | 6 |
| 6924 | Associations of Neurocognition and Social Cognition With Brain Structure and Function in Early-Onset Schizophrenia. Frontiers in Psychiatry, 2022, 13, 798105. | 1.3 | 5 |
| 6925 | Cerebral Oxygen Metabolic Stress is Increased in Children with Sickle Cell Anemia Compared to Anemic Controls. American Journal of Hematology, 2022, , . | 2.0 | 10 |
| 6926 | Shame proneness is associated with individual differences in temporal pole white matter structure. Social Neuroscience, 2022, , 1-10. | 0.7 | 0 |
| 6927 | The wholeâ€brain voxelâ€based morphometry study in early stage of T2DM patients. Brain and Behavior, 2022, 12, e2497. | 1.0 | 4 |
| 6928 | Revealing the Selectivity of Neuroanatomical Alteration in Autism Spectrum Disorder via Reverse Inference. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 1075-1083. | 1.1 | 7 |
| 6929 | The Volumetric Changes of the Pineal Gland with Age: An Atlas-based Structural Analysis. Experimental Aging Research, 2022, 48, 474-504. | 0.6 | 0 |
| 6930 | MR brain segmentation based on DE-ResUnet combining texture features and background knowledge. Biomedical Signal Processing and Control, 2022, 75, 103541. | 3.5 | 13 |
| 6931 | Identifying imaging genetic associations via regional morphometricity estimation. Pacific Symposium on Biocomputing, 2022, 27, 97-108. | 0.7 | 0 |
| 6932 | Advantages of Using Both Voxel- and Surface-based Morphometry in Cortical Morphology Analysis: A Review of Various Applications. Magnetic Resonance in Medical Sciences, 2022, 21, 41-57. | 1.1 | 31 |
| 6933 | Advanced Diffusion MR Imaging for Multiple Sclerosis in the Brain and Spinal Cord. Magnetic Resonance in Medical Sciences, 2022, 21, 58-70. | 1.1 | 9 |
| 6934 | A Multi-Stream Convolutional Neural Network for Classification of Progressive MCI in Alzheimer's Disease Using Structural MRI Images. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3918-3926. | 3.9 | 26 |
| 6935 | Deformation-based morphometry identifies deep brain structures protected by ocrelizumab. NeuroImage: Clinical, 2022, 34, 102959. | 1.4 | 0 |
| 6936 | Regional brain morphology of the primary somatosensory cortex correlates with spicy food consumption and capsaicin sensitivity. Nutritional Neuroscience, 2023, 26, 208-216. | 1.5 | 3 |
| 6937 | Brain Structure and Optimism Bias: A Voxel-Based Morphometry Approach. Brain Sciences, 2022, 12, 315. | 1.1 | 2 |
| 6938 | Qualitative and Quantitative Comparison of Hippocampal Volumetric Software Applications: Do All Roads Lead to Rome?. Biomedicines, 2022, 10, 432. | 1.4 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 6939 | Mapping the Human Brain from the Prenatal Period to Infancy Using 3D Magnetic Resonance Imaging. , 2022, , 50-84. | | 3 |
| 6940 | BMNet: A New Region-Based Metric Learning Method for Early Alzheimer's Disease Identification With FDG-PET Images. Frontiers in Neuroscience, 2022, 16, 831533. | 1.4 | 9 |
| 6941 | Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. Brain, 2023, 146, 321-336. | 3.7 | 30 |
| 6942 | White matter microstructure and volume correlates of premenstrual dysphoric disorder. Journal of Psychiatry and Neuroscience, 2022, 47, E67-E76. | 1.4 | 6 |
| 6943 | Analysis of synthetic magnetic resonance images by multi-channel segmentation increases accuracy of volumetry in the putamen and decreases mis-segmentation in the dural sinuses. Acta Radiologica, 2022, , 028418512210898. | 0.5 | 0 |
| 6944 | (Un)common space in infant neuroimaging studies: A systematic review of infant templates. Human Brain Mapping, 2022, 43, 3007-3016. | 1.9 | 6 |
| 6945 | Oral Contraceptives Modulate the Relationship Between Resting Brain Activity, Amygdala Connectivity and Emotion Recognition – A Resting State fMRI Study. Frontiers in Behavioral Neuroscience, 2022, 16, 775796. | 1.0 | 12 |
| 6946 | Augmented T ₁ â€weighted steady state magnetic resonance imaging. NMR in Biomedicine, 2022, , . | 1.6 | 3 |
| 6947 | Characterization of basal ganglia volume changes in the context of HIV and polysubstance use. Scientific Reports, 2022, 12, 4357. | 1.6 | 4 |
| 6948 | FAIRly big: A framework for computationally reproducible processing of large-scale data. Scientific Data, 2022, 9, 80. | 2.4 | 13 |
| 6949 | The Application of Diffusion Kurtosis Imaging on the Heterogeneous White Matter in Relapsing-Remitting Multiple Sclerosis. Frontiers in Neuroscience, 2022, 16, 849425. | 1.4 | 6 |
| 6950 | Computer assisted diagnosis of bipolar disorder using invariant features. Concurrency Computation Practice and Experience, 2022, 34, . | 1.4 | 1 |
| 6951 | Pediatric Exposures to Neurotoxicants: A Review of Magnetic Resonance Imaging and Spectroscopy Findings. Diagnostics, 2022, 12, 641. | 1.3 | 3 |
| 6952 | Modeling Brain Volume Using Deep Learning-Based Physical Activity Features in Patients With Dementia. Frontiers in Neuroinformatics, 2022, 16, 795171. | 1.3 | 3 |
| 6953 | Detection of Alzheimer's disease using features of brain region-of-interest-based individual network constructed with the sMRI image. Computerized Medical Imaging and Graphics, 2022, 98, 102057. | 3.5 | 9 |
| 6955 | Parameters from site classification to harmonize <scp>MRI</scp> clinical studies: Application to a multiâ€site Parkinson's disease dataset. Human Brain Mapping, 2022, 43, 3130-3142. | 1.9 | 7 |
| 6956 | Neuroimaging Biomarkers for Huntington's Disease. , 0, , . | | 1 |
| 6957 | Cross-Sectional Investigation of Brain Volume in Dyslexia. Frontiers in Neurology, 2022, 13, 847919. | 1.1 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6958 | Atlas-based relaxometry and subsegment analysis of the substantia nigra pars compacta using quantitative MRI: a healthy volunteer study. British Journal of Radiology, 2022, 95, 20210572. | 1.0 | 1 |
| 6959 | Unified Deep Learning-Based Mouse Brain MR Segmentation: Template-Based Individual Brain Positron Emission Tomography Volumes-of-Interest Generation Without Spatial Normalization in Mouse Alzheimer Model. Frontiers in Aging Neuroscience, 2022, 14, 807903. | 1.7 | 6 |
| 6960 | Voxel-based morphometry and a deep learning model for the diagnosis of early Alzheimer's disease based on cerebral gray matter changes. Cerebral Cortex, 2023, 33, 754-763. | 1.6 | 18 |
| 6961 | Individual differences in brain structure and self-reported empathy in children. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 1078-1089. | 1.0 | 3 |
| 6962 | Neuroplasticity in Motor Learning Under Variable and Constant Practice Conditions—Protocol of Randomized Controlled Trial. Frontiers in Human Neuroscience, 2022, 16, 773730. | 1.0 | 1 |
| 6963 | Musicianship-Related Structural and Functional Cortical Features Are Preserved in Elderly Musicians. Frontiers in Aging Neuroscience, 2022, 14, 807971. | 1.7 | 7 |
| 6965 | Post-acute blood biomarkers and disease progression in traumatic brain injury. Brain, 2022, 145, 2064-2076. | 3.7 | 37 |
| 6966 | A model-based approach to assess reproducibility for large-scale high-throughput MRI-based studies. NeuroImage, 2022, 255, 119166. | 2.1 | 3 |
| 6967 | Grey matter correlates of affective and somatic symptoms of premenstrual dysphoric disorder. Scientific Reports, 2022, 12, 5996. | 1.6 | 5 |
| 6968 | Abnormalities of Gray Matter Volume and Its Correlation with Clinical Symptoms in Adolescents with High-Functioning Autism Spectrum Disorder. Neuropsychiatric Disease and Treatment, 2022, Volume 18, 717-730. | 1.0 | 4 |
| 6969 | NT3 treatment alters spinal cord injury-induced changes in the gray matter volume of rhesus monkey cortex. Scientific Reports, 2022, 12, 5919. | 1.6 | 5 |
| 6970 | High-altitude exposure duration dependent global and regional gray matter volume decrease in healthy immigrants: a cross-sectional study. Acta Radiologica, 2022, , 028418512210916. | 0.5 | 1 |
| 6971 | Neural Substrates of Poststroke Depression: Current Opinions and Methodology Trends. Frontiers in Neuroscience, 2022, 16, 812410. | 1.4 | 9 |
| 6972 | Quantitative Structural Brain Magnetic Resonance Imaging Analyses: Methodological Overview and Application to Rett Syndrome. Frontiers in Neuroscience, 2022, 16, 835964. | 1.4 | 5 |
| 6973 | Effect of chronic alcohol consumption on brain structure in males with alcohol use disorder without a familiar history of alcoholism. Journal of Psychiatric Research, 2022, 149, 210-216. | 1.5 | 1 |
| 6974 | A novel MRI-based quantitative water content atlas of the human brain. NeuroImage, 2022, 252, 119014. | 2.1 | 7 |
| 6975 | Late combination shows that MEG adds to MRI in classifying MCI versus controls. NeuroImage, 2022, 252, 119054. | 2.1 | 12 |
| 6976 | Validation of neuroimaging-based brain age gap as a mediator between modifiable risk factors and cognition. Neurobiology of Aging, 2022, 114, 61-72. | 1.5 | 11 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 6977 | The association between inadequate sleep and accelerated brain ageing. Neurobiology of Aging, 2022, 114, 1-14. | 1.5 | 13 |
| 6978 | A Fusion of Multi-view 2D and 3D Convolution Neural Network based MRI for Alzheimer's Disease Diagnosis. , 2021, 2021, 3317-3321. | | 2 |
| 6979 | Neuroimaging alterations in dementia with Lewy bodies and neuroimaging differences between dementia with Lewy bodies and Alzheimer's disease: An activation likelihood estimation metaâ€analysis. CNS Neuroscience and Therapeutics, 2022, 28, 183-205. | 1.9 | 8 |
| 6980 | Analysis of Distribution and Grouping of MRI Characteristics of Age-Related Cerebral Microangiopathy. Human Physiology, 2021, 47, 901-910. | 0.1 | 0 |
| 6981 | Applications and Challenges of Machine Learning Methods in Alzheimer's Disease Multi-Source Data Analysis. Current Genomics, 2021, 22, 564-582. | 0.7 | 3 |
| 6983 | Chronic cluster headache: A study of the telencephalic and cerebellar cortical thickness. Cephalalgia, 2022, 42, 444-454. | 1.8 | 2 |
| 6984 | Increased Gray Matter Density in the Right Mesencephalic Tegmentum Is Associated With Better Engel Classes I and II After Radiosurgery for Hypothalamic Hamartomas. Neurosurgery, 2021, Publish Ahead of Print, . | 0.6 | 2 |
| 6985 | Motor trainingâ€related brain reorganization in patients with cerebellar degeneration. Human Brain Mapping, 2022, 43, 1611-1629. | 1.9 | 4 |
| 6986 | Structural network alterations and their association with neurological soft signs in schizophrenia: Evidence from clinical patients and unaffected siblings. Schizophrenia Research, 2022, 248, 345-352. | 1.1 | 3 |
| 6987 | Effects of gestational age at birth on perinatal structural brain development in healthy termâ€born babies. Human Brain Mapping, 2022, 43, 1577-1589. | 1.9 | 3 |
| 6988 | Investigating associations of delay discounting with brain structure, working memory, and episodic memory. Cerebral Cortex, 2023, 33, 1669-1678. | 1.6 | 3 |
| 6989 | Advanced diffusion-weighted imaging models better characterize white matter neurodegeneration and clinical outcomes in multiple sclerosis. Journal of Neurology, 2022, 269, 4729-4741. | 1.8 | 4 |
| 6990 | Microstructural Gray Matter Integrity Deteriorates After an Ischemic Stroke and Is Associated with Processing Speed. Translational Stroke Research, 2023, 14, 185-192. | 2.3 | 2 |
| 6996 | Altruistic Social Activity, Depressive Symptoms, and Brain Regional Gray Matter Volume: Voxel-Based Morphometry Analysis From 8,695 Old Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1789-1797. | 1.7 | 3 |
| 6997 | Increased Cerebellar Gray Matter Volume in Athletes: A Voxel-Wise Coordinate-Based Meta-Analysis. Research Quarterly for Exercise and Sport, 2023, 94, 597-608. | 0.8 | 0 |
| 7056 | Characteristics of Cortical Thickness and Brain Volume in Females with Major Depressive Disorder. Journal of the Ergonomics Society of Korea, 2019, 38, 361-371. | 0.1 | 0 |
| 7057 | Cholinergic nucleus 4 grey matter density is associated with apathy in Parkinson's disease. Clinical Neuropsychologist, 2023, 37, 676-694. | 1.5 | 2 |
| 7059 | In-VivoÂAlong Muscle Fascicle Strain Heterogeneity is Not Affected by Image Registration Parameters: Robustness Testing of Combined Magnetic Resonance-Diffusion Tensor Imaging Method. SSRN Electronic Journal, 0, , . | 0.4 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7060 | Joint Progressive and Coarse-to-Fine Registration of Brain MRI via Deformation Field Integration and Non-Rigid Feature Fusion. IEEE Transactions on Medical Imaging, 2022, 41, 2788-2802. | 5.4 | 14 |
| 7061 | Interpretable Graph Convolutional Network Of Multi-Modality Brain Imaging For Alzheimer's Disease Diagnosis. , 2022, , . | | 14 |
| 7062 | Alzheimer's Disease Diagnosis With Brain Structural MRI Using Multiview-Slice Attention and 3D Convolution Neural Network. Frontiers in Aging Neuroscience, 2022, 14, 871706. | 1.7 | 10 |
| 7063 | Imaging Insights of Isolated Idiopathic Dystonia: Voxel-Based Morphometry and Activation Likelihood Estimation Studies. Frontiers in Neurology, 2022, 13, 823882. | 1.1 | 0 |
| 7064 | Weakly Supervised Skull Stripping of Magnetic Resonance Imaging of Brain Tumor Patients. , 2022, 1, . | | 2 |
| 7065 | Unsupervised Deep Learning Registration of Uterine Cervix Sequence Images. Cancers, 2022, 14, 2401. | 1.7 | 0 |
| 7067 | Structural MRI-Based Schizophrenia Classification Using Autoencoders and 3D Convolutional Neural Networks in Combination with Various Pre-Processing Techniques. Brain Sciences, 2022, 12, 615. | 1.1 | 4 |
| 7068 | Higher limbic and basal ganglia volumes in surviving COVID-negative patients and the relations to fatigue. NeuroImage Reports, 2022, 2, 100095. | 0.5 | 12 |
| 7069 | Test-retest reliability of multi-parametric maps (MPM) of brain microstructure. NeuroImage, 2022, 256, 119249. | 2.1 | 3 |
| 7070 | DARQ: Deep learning of quality control for stereotaxic registration of human brain MRI to the T1w MNI-ICBM 152 template. NeuroImage, 2022, 257, 119266. | 2.1 | 7 |
| 7071 | Association between empathy and drinking among a community sample of heavy drinkers: Sex differences and neural correlates. Addictive Behaviors, 2022, 132, 107346. | 1.7 | 0 |
| 7072 | Neuroplastic changes in anterior cingulate cortex gray matter volume and functional connectivity following attention bias modification in high trait anxious individuals. Biological Psychology, 2022, 172, 108353. | 1.1 | 8 |
| 7073 | RELN rs7341475 associates with brain structure in japanese healthy females. Neuroscience, 2022, , . | 1.1 | 0 |
| 7074 | Accelerated atrophy in dopaminergic targets and medial temporo-parietal regions precedes the onset of delusions in patients with Alzheimer's disease. European Archives of Psychiatry and Clinical Neuroscience, 2023, 273, 229-241. | 1.8 | 5 |
| 7075 | Unsupervised computed tomography and cone-beam computed tomography image registration using a dual attention network. Quantitative Imaging in Medicine and Surgery, 2021, . | 1.1 | 6 |
| 7076 | Characterization of Mild and Moderate Dysarthria in Parkinson's Disease: Behavioral Measures and Neural Correlates. Frontiers in Aging Neuroscience, 2022, 14, . | 1.7 | 7 |
| 7077 | Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. Frontiers in Human Neuroscience, 2022, 16, . | 1.0 | 8 |
| 7078 | Unravelling the impact of frontal lobe impairment for social dysfunction in myotonic dystrophy type 1. Brain Communications, 2022, 4, . | 1.5 | 5 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7079 | Segmentation of Infant Brain Using Nonnegative Matrix Factorization. Applied Sciences (Switzerland), 2022, 12, 5377. | 1.3 | 7 |
| 7080 | A novel method for 3D knee anatomical landmark localization by combining global and local features. Machine Vision and Applications, 2022, 33, . | 1.7 | 1 |
| 7081 | On the detection of Alzheimer's disease using fuzzy logic based majority voter classifier. Multimedia Tools and Applications, 2022, 81, 43145-43161. | 2.6 | 3 |
| 7082 | Depression mediates the association between insulaâ€frontal functional connectivity and social interaction anxiety. Human Brain Mapping, 2022, 43, 4266-4273. | 1.9 | 8 |
| 7083 | Deep learning architectures for Parkinson's disease detection by using multi-modal features. Computers in Biology and Medicine, 2022, 146, 105610. | 3.9 | 15 |
| 7084 | Thrifty-Eating Behavior Phenotype at the Food Court – Programming Goes Beyond Food Preferences. Frontiers in Endocrinology, 2022, 13, . | 1.5 | 4 |
| 7085 | MusMorph, a database of standardized mouse morphology data for morphometric meta-analyses. Scientific Data, 2022, 9, . | 2.4 | 3 |
| 7086 | Structural covariance changes in major cortico-basal ganglia and thalamic networks in amyloid-positive patients with white matter hyperintensities. Neurobiology of Aging, 2022, 117, 117-127. | 1.5 | 2 |
| 7088 | Feature self-calibration network with global-local training strategy for multi-region deformable medical image registration. Neural Computing and Applications, 0, , . | 3.2 | 0 |
| 7089 | Convergent and divergent gray matter volume abnormalities in unaffected first-degree relatives and ultra-high risk individuals of schizophrenia. NPJ Schizophrenia, 2022, 8, . | 2.0 | 3 |
| 7090 | Multimodal classification of extremely preterm and term adolescents using the fusiform gyrus: A machine learning approach. NeuroImage: Clinical, 2022, 35, 103078. | 1.4 | 1 |
| 7091 | A shared cognitive and neural basis underpinning cognitive apathy and planning in behavioural-variant frontotemporal dementia and Alzheimer's disease. Cortex, 2022, 154, 241-253. | 1.1 | 9 |
| 7092 | Mercury levels in hair are associated with reduced neurobehavioral performance and altered brain structures in young adults. Communications Biology, 2022, 5, . | 2.0 | 1 |
| 7093 | Gray matter abnormalities and associated familial risk endophenotype in individuals with first-episode bipolar disorder: Evidence from whole-brain voxel-wise meta-analysis. Asian Journal of Psychiatry, 2022, 74, 103179. | 0.9 | 19 |
| 7100 | Voxel-Based Lesion Symptom Mapping. Neuromethods, 2022, , 95-118. | 0.2 | 1 |
| 7102 | Absence of structural brain changes from mindfulness-based stress reduction: Two combined randomized controlled trials. Science Advances, 2022, 8, . | 4.7 | 27 |
| 7103 | The Differences in Structure and Function of the Cerebellum Between Cantonese-Mandarin Bilinguals and Mandarin Monolinguals: a Multi-model MRI Study. Cerebellum, 0, , . | 1.4 | 0 |
| 7105 | Facial emotion perception abilities are related to grey matter volume in the culmen of cerebellum anterior lobe in drug-naÃ⁻ve patients with first-episode schizophrenia. Brain Imaging and Behavior, 2022, 16, 2072-2085. | 1.1 | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7106 | Neuroimaging Correlates of Cognitive Deficits in Wilson's Disease. Movement Disorders, 0, , . | 2.2 | 7 |
| 7107 | The Value of Neuroimaging in Dementia Diagnosis. CONTINUUM Lifelong Learning in Neurology, 2022, 28, 800-821. | 0.4 | 2 |
| 7108 | Brain Structural and Functional Dissociated Patterns in Degenerative Cervical Myelopathy: A Case-Controlled Retrospective Resting-State fMRI Study. Frontiers in Neurology, 0, 13, . | 1.1 | 4 |
| 7109 | Neuroimaging Markers of Chronic Eye Diseases and Their Application Values. Frontiers in Neurology, 0, 13, . | 1.1 | 1 |
| 7110 | Two distinct subtypes of obsessive compulsive disorder revealed by a framework integrating multimodal neuroimaging information. Human Brain Mapping, 2022, 43, 4254-4265. | 1.9 | 11 |
| 7112 | Specificity of Psychiatric Polygenic Risk Scores and Their Effects on Associated Risk Phenotypes. Biological Psychiatry Global Open Science, 2023, 3, 519-529. | 1.0 | 2 |
| 7113 | Magnetic resonance tractogtaphy: possibilities and limitations, modern approach to data processing. Medical Visualization, 0, , . | 0.1 | 1 |
| 7114 | Differential grey matter structure in women with premenstrual dysphoric disorder: evidence from brain morphometry and data-driven classification. Translational Psychiatry, 2022, 12, . | 2.4 | 9 |
| 7115 | Classification of Alzheimer's Disease Based on Core-Large Scale Brain Network Using Multilayer Extreme Learning Machine. Mathematics, 2022, 10, 1967. | 1.1 | 5 |
| 7116 | The neural signatures of psychoses in Alzheimer's disease: a neuroimaging genetics approach. European Archives of Psychiatry and Clinical Neuroscience, 2023, 273, 253-267. | 1.8 | 2 |
| 7117 | Effect of Season of Birth on Hippocampus Volume in a Transdiagnostic Sample of Patients With Depression and Schizophrenia. Frontiers in Human Neuroscience, 0, 16, . | 1.0 | 1 |
| 7118 | Gray matter microstructural alterations in manganese-exposed welders: a preliminary neuroimaging study. European Radiology, 2022, 32, 8649-8658. | 2.3 | 3 |
| 7119 | Evaluation of Feature Selection for Alzheimer's Disease Diagnosis. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 2 |
| 7120 | An ecological approach to identify distinct neural correlates of disinhibition in frontotemporal dementia. Neurolmage: Clinical, 2022, 35, 103079. | 1.4 | 3 |
| 7121 | Gray Matter Volume Abnormality in Chronic Pain Patients With Depressive Symptoms: A Systemic Review and Meta-Analysis of Voxel-Based Morphometry Studies. Frontiers in Neuroscience, 0, 16, . | 1.4 | 3 |
| 7122 | Machine learning for comprehensive prediction of high risk for Alzheimer's disease based on chromatic pupilloperimetry. Scientific Reports, 2022, 12, . | 1.6 | 7 |
| 7123 | Effects of Diastolic Blood Pressure on Brain Structures and Cognitive Functions in Middle and Old Ages: Longitudinal Analyses. Nutrients, 2022, 14, 2464. | 1.7 | 7 |
| 7124 | Insulin-like growth factor in Parkinson's disease is related to nonmotor symptoms and the volume of specific brain areas. Neuroscience Letters, 2022, 783, 136735. | 1.0 | 5 |

| | | CITATION RE | PORT | |
|------|--|------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 7125 | The biological basis of intelligence: Benchmark findings. Intelligence, 2022, 93, 101665. | | 1.6 | 11 |
| 7126 | Multi-strategy mutual learning network for deformable medical image registration. Neur 2022, 501, 102-112. | ocomputing, | 3.5 | 9 |
| 7127 | Neurobiology of migraine progression. Neurobiology of Pain (Cambridge, Mass), 2022, 2 | 12, 100094. | 1.0 | 14 |
| 7128 | Synthesis for image analysis across modalities. , 2022, , 195-216. | | | 0 |
| 7129 | Relations of impaired blood flow and cerebrospinal fluid flow with damage of strategic fo impairment brain regiones in cerebral small vessel disease. Annals of Clinical and Experim Neurology, 2022, 16, 25-35. | or cognitive iental | 0.1 | 2 |
| 7130 | Morphological Changes of Frontal Areas in Male Individuals With HIV: A Deformation-Bas Morphometry Analysis. Frontiers in Neurology, 0, 13, . | sed | 1.1 | 1 |
| 7131 | Cerebellar Differences after Rehabilitation in Children with Developmental Coordination Brain Sciences, 2022, 12, 856. | Disorder. | 1.1 | 3 |
| 7132 | The Diagnostic Value of the Combined 3D Pseudo-Continuous Arterial Spin Labeling and Kurtosis Imaging in Patients With Binswanger's Disease. Frontiers in Neuroscience, C | | 1.4 | 1 |
| 7133 | Gray matter volume differences between early bilinguals and monolinguals: A study of ch adults. Human Brain Mapping, 0, , . | nildren and | 1.9 | 5 |
| 7134 | Abnormal Brain Structure Morphology in Early-Onset Schizophrenia. Frontiers in Psychia | try, 0, 13, . | 1.3 | 1 |
| 7136 | The Predictive Potential of Altered Voxel-Based Morphometry in Severely Obese Patients Meibomian Gland Dysfunction. Frontiers in Neuroscience, 0, 16, . | With | 1.4 | 0 |
| 7137 | Shared and distinct structure-function substrates of heterogenous distractor suppressio between high and low working memory capacity individuals. NeuroImage, 2022, 260, 11 | n ability 9483. | 2.1 | 2 |
| 7138 | Somatosensory Deficits After Stroke: Insights From MRI Studies. Frontiers in Neurology, | 0, 13, . | 1.1 | 4 |
| 7139 | Altered morphological traits along central olfactory centres in congenitally blind subjects European Journal of Neuroscience, 2022, 56, 4486-4500. | 5. | 1.2 | 1 |
| 7140 | DBB - A Distorted Brain Benchmark for Automatic Tissue Segmentation in Paediatric Pati NeuroImage, 2022, 260, 119486. | ents. | 2.1 | 5 |
| 7141 | Brain structural and perfusion changes in amyotrophic lateral sclerosis-frontotemporal d patients with cognitive and motor onset: a preliminary study. Brain Imaging and Behavio 2164-2174. | | 1.1 | 2 |
| 7142 | Identification and validation of a gray matter volume network in Alzheimer's disease. Jou Neurological Sciences, 2022, 440, 120344. | rnal of the | 0.3 | 0 |
| 7143 | The co-activation patterns of multiple brain regions in Juvenile Myoclonic Epilepsy. Cogn Neurodynamics, 0, , . | tive | 2.3 | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7144 | RS-FetMRI: a MATLAB-SPM Based Tool for Pre-processing Fetal Resting-State fMRI Data. Neuroinformatics, 0, , . | 1.5 | 3 |
| 7145 | Estimation of Characteristic Parameters of Grape Clusters Based on Point Cloud Data. Frontiers in Plant Science, 0, 13, . | 1.7 | 3 |
| 7146 | SPAMRI: A MATLAB Toolbox for Surface-Based Processing and Analysis of Magnetic Resonance Imaging. Frontiers in Human Neuroscience, 0, 16, . | 1.0 | 2 |
| 7147 | Automatic detection of autism spectrum disorder (ASD) in children using structural magnetic resonance imaging with machine vision system. Middle East Current Psychiatry, 2022, 29, . | 0.5 | 3 |
| 7148 | Aberrant hippocampal shape development in young adults with heavy cannabis use: Evidence from a longitudinal study. Journal of Psychiatric Research, 2022, 152, 343-351. | 1.5 | 6 |
| 7149 | Cerebral gray matter volume changes in patients with anti-N-methyl-D-aspartate receptor encephalitis: A voxel-based morphometry study. Frontiers in Neurology, 0, 13, . | 1.1 | 7 |
| 7150 | Differences in neuroanatomy and functional connectivity between motor subtypes of Parkinson's disease. Frontiers in Neuroscience, 0, 16, . | 1.4 | 3 |
| 7151 | Irritable bowel syndrome in women: association between decreased insular subregion volumes and gastrointestinal symptoms. NeuroImage: Clinical, 2022, , 103128. | 1.4 | 0 |
| 7152 | A Fuzzy Consensus Clustering Algorithm for MRI Brain Tissue Segmentation. Applied Sciences (Switzerland), 2022, 12, 7385. | 1.3 | 3 |
| 7155 | Cerebral Gray Matter Volume Changes in Patients with Neuropathic Pain from Total Brachial Plexus Injury. European Neurology, 2023, 86, 45-54. | 0.6 | 2 |
| 7156 | Brain atrophy in middle age using magnetic resonance imaging scans from Japan's health screening programme. Brain Communications, 2022, 4, . | 1.5 | 6 |
| 7157 | Thalamic volumetric abnormalities in type 1 diabetes mellitus and â€~peripheral' neuropathy. Scientific Reports, 2022, 12, . | 1.6 | 1 |
| 7158 | Cerebellar and brainstem differences in children with developmental coordination disorder: A voxel-based morphometry study. Frontiers in Human Neuroscience, 0, 16, . | 1.0 | 3 |
| 7159 | SENSE EPI reconstruction with 2D phase error correction and channelâ€wise noise removal. Magnetic Resonance in Medicine, 2022, 88, 2157-2166. | 1.9 | 3 |
| 7161 | Penalized decomposition using residuals (PeDecURe) for feature extraction in the presence of nuisance variables. Biostatistics, 2023, 24, 653-668. | 0.9 | 2 |
| 7162 | A multimodal study regarding neural correlates of the subjective well-being in healthy individuals. Scientific Reports, 2022, 12, . | 1.6 | 3 |
| 7163 | Specific brain gray matter volume changes in pediatric complete spinal cord injury without fracture or dislocation using voxel-based morphometry analysis: Preliminary Results. Journal of Neurotrauma, 0, , . | 1.7 | 2 |
| 7164 | Asymmetry index in anatomically symmetrized FDG-PET for improved epileptogenic focus detection in pharmacoresistant epilepsy. Journal of Neurosurgery, 2023, 138, 828-836. | 0.9 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7165 | Gray Matter Abnormalities in Patients with Complex Regional Pain Syndrome: A Systematic Review and Meta-Analysis of Voxel-Based Morphometry Studies. Brain Sciences, 2022, 12, 1115. | 1.1 | 5 |
| 7166 | Cortical and subcortical grey matter atrophy in Amyotrophic Lateral Sclerosis correlates with measures of disease accumulation independent of disease aggressiveness. NeuroImage: Clinical, 2022, 36, 103162. | 1.4 | 8 |
| 7167 | The neurophysiological effect of NMDA-R antagonism of frontotemporal lobar degeneration is conditional on individual GABA concentration. Translational Psychiatry, 2022, 12, . | 2.4 | 0 |
| 7168 | Altered pattern analysis and identification of subjective cognitive decline based on morphological brain network. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 2 |
| 7169 | The comorbidity and cognition in multiple sclerosis (CCOMS) neuroimaging protocol: Study rationale, MRI acquisition, and minimal image processing pipelines. , 0, 1, . | | 4 |
| 7170 | Voxel-Based Morphometry and Relaxometry Demonstrate Macro- and Microstructural Damages in Spinocerebellar Ataxia Type 3. Cerebellum, 2023, 22, 818-824. | 1.4 | 2 |
| 7171 | A new classification network for diagnosing Alzheimer's disease in class-imbalance MRI datasets. Frontiers in Neuroscience, 0, 16, . | 1.4 | 2 |
| 7172 | Quantitative susceptibility mapping as an imaging biomarker for Alzheimer's disease: The expectations and limitations. Frontiers in Neuroscience, 0, 16, . | 1.4 | 12 |
| 7173 | Frequency and Longitudinal Course of Motor Signs In Genetic Frontotemporal Dementia. Neurology, 0, , 10.1212/WNL.00000000000200828. | 1.5 | 3 |
| 7174 | Altered local gyrification index and corresponding resting-state functional connectivity in individuals with high test anxiety. Biological Psychology, 2022, 174, 108409. | 1.1 | 3 |
| 7175 | CYP2C19 expression modulates affective functioning and hippocampal subiculum volume—a large single-center community-dwelling cohort study. Translational Psychiatry, 2022, 12, . | 2.4 | 0 |
| 7176 | Cerebellar Ataxia With Anti-DNER Antibodies. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, . | 3.1 | 6 |
| 7177 | The impact of age-related hearing loss on structural neuroanatomy: A meta-analysis. Frontiers in Neurology, 0, 13, . | 1.1 | 3 |
| 7178 | Altered gray matter volume in children with newly diagnosed type 1 diabetes mellitus. Pediatric Research, 0, , . | 1.1 | 0 |
| 7179 | Brain Magnetic Resonance Imaging Features of Nicotine-Dependent Individuals and Its Correlation with Polymorphisms of Dopamine D Receptor Gene. Contrast Media and Molecular Imaging, 2022, 2022, 1-9. | 0.4 | 2 |
| 7180 | Brain, cognitive, and physical disability correlates of decreased quality of life in patients with Huntington's disease. Quality of Life Research, 0, , . | 1.5 | 0 |
| 7181 | Structural and functional abnormalities in Parkinson's disease based on voxel-based morphometry and resting-state functional magnetic resonance imaging. Neuroscience Letters, 2022, 788, 136835. | 1.0 | 3 |
| 7182 | Imaging the human brain on oral contraceptives: A review of structural imaging methods and implications for future research goals. Frontiers in Neuroendocrinology, 2022, 67, 101031. | 2.5 | 4 |

| | CITATIO | on Report | |
|------|---|-----------|-----------|
| # | Article | IF | CITATIONS |
| 7183 | Functional and structural brain abnormalities in posttraumatic stress disorder: A multimodal meta-analysis of neuroimaging studies. Journal of Psychiatric Research, 2022, 155, 153-162. | 1.5 | 6 |
| 7186 | Alterations of structure and functional connectivity of visual brain network in patients with freezing of gait in Parkinson's disease. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 1 |
| 7187 | Distinct brain structural abnormalities in attention-deficit/hyperactivity disorder and substance use disorders: A comparative meta-analysis. Translational Psychiatry, 2022, 12, . | 2.4 | 8 |
| 7188 | Structural and functional brain alterations in Cushing's disease: A narrative review. Frontiers in Neuroendocrinology, 2022, 67, 101033. | 2.5 | 1 |
| 7189 | Myelin-weighted imaging derived from quantitative parameter mapping. European Journal of Radiology, 2022, 156, 110525. | 1.2 | 1 |
| 7190 | Morphology-Preserving Autoregressive 3D Generative Modelling ofÂtheÂBrain. Lecture Notes in Computer Science, 2022, , 66-78. | 1.0 | 5 |
| 7191 | Multistage Diagnosis ofÂAlzheimer's Disease Based onÂSlice Attention Network. Lecture Notes in Computer Science, 2022, , 255-266. | 1.0 | 1 |
| 7192 | Privacy Preserving Image Registration. Lecture Notes in Computer Science, 2022, , 130-140. | 1.0 | 0 |
| 7193 | Accurate andÂExplainable Image-Based Prediction Using aÂLightweight Generative Model. Lecture Notes in Computer Science, 2022, , 448-458. | 1.0 | 0 |
| 7194 | Voxel-Based Morphometry of Brain Tumors. , 2022, , 321-335. | | 0 |
| 7195 | 3D Global Fourier Network for Alzheimer's Disease Diagnosis Using Structural MRI. Lecture Notes in Computer Science, 2022, , 34-43. | 1.0 | 4 |
| 7196 | MRI predictors of pharmacotherapy response in major depressive disorder. NeuroImage: Clinical, 2022, 36, 103157. | 1.4 | 16 |
| 7197 | Sparse Interpretation ofÂGraph Convolutional Networks forÂMulti-modal Diagnosis ofÂAlzheimer's Disease. Lecture Notes in Computer Science, 2022, , 469-478. | 1.0 | 6 |
| 7198 | Alzheimer's Disease Clinical Scores Prediction based on the Label Distribution Learning using Brain Structural MRI. , 2022, , . | | 1 |
| 7199 | Diagnostic of autism spectrum disorder based on structural brain MRI images using, grid search optimization, and convolutional neural networks. Biomedical Signal Processing and Control, 2023, 79, 104234. | 3.5 | 24 |
| 7200 | Segmentation and volume quantification of MR Images for the detection and monitoring multiple sclerosis progression. , 2022, , . | | 0 |
| 7201 | Pre-Training 3D Convolutional Neural Networks for Prodromal Alzheimer's Disease Classification. , 2022, , . | | 1 |
| 7202 | The Boston ASL Template and Simulator: Initial development and implementation. Journal of Neuroimaging, 0, , . | 1.0 | 0 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7203 | Connectome-based biophysics models of Alzheimer's disease diagnosis and prognosis. Translational Research, 2023, 254, 13-23. | 2.2 | 1 |
| 7204 | Machine learning in neuroimaging: from research to clinical practice. , 2022, 62, 1-10. | | 6 |
| 7205 | Alzheimer's Disease Polygenic Risk Score Is Not Associated With Cognitive Decline Among Older Adults With Type 2 Diabetes. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 3 |
| 7206 | Temporal Subtraction Technique for Thoracic MDCT Based on Residual VoxelMorph. Applied Sciences (Switzerland), 2022, 12, 8542. | 1.3 | Ο |
| 7207 | Higher body mass index is associated with worse hippocampal vasoreactivity to carbon dioxide. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 0 |
| 7208 | Higher brain structural heterogeneity in schizophrenia. Frontiers in Psychiatry, 0, 13, . | 1.3 | 7 |
| 7209 | Multimodal combination of neuroimaging methods for localizing the epileptogenic zone in MR-negative epilepsy. Scientific Reports, 2022, 12, . | 1.6 | 7 |
| 7210 | Contralesional Cortical and Network Features Associated with Preoperative Language Deficit in Glioma Patients. Cancers, 2022, 14, 4469. | 1.7 | 2 |
| 7211 | Distribution of cortical atrophy associated with cognitive decline in Alzheimer's disease: a cross-sectional quantitative structure MRI study from PUMCH dementia cohort. Current Alzheimer Research, 2022, 19, . | 0.7 | 0 |
| 7212 | Structural and functional MRI evidence for significant contribution of precentral gyrus to flexible oculomotor control: evidence from the antisaccade task. Brain Structure and Function, 2022, 227, 2623-2632. | 1.2 | 1 |
| 7213 | Association between cortisol and aging-related hippocampus volume changes in community-dwelling older adults: a 7-year follow-up study. BMC Geriatrics, 2022, 22, . | 1.1 | 3 |
| 7214 | Analysis of the extent of limbic system changes in multiple sclerosis using FreeSurfer and voxel-based morphometry approaches. PLoS ONE, 2022, 17, e0274778. | 1.1 | 2 |
| 7215 | A systematic review and meta-analysis of voxel-based morphometric studies of migraine. Journal of Neurology, 2023, 270, 152-170. | 1.8 | 19 |
| 7216 | Motion correction in MR image for analysis of VSRAD using generative adversarial network. PLoS ONE, 2022, 17, e0274576. | 1.1 | 3 |
| 7217 | Hippocampal morphological atrophy and distinct patterns of structural covariance network in Alzheimer's disease and mild cognitive impairment. Frontiers in Psychology, 0, 13, . | 1.1 | 4 |
| 7218 | Deep multiview learning to identify imaging-driven subtypes in mild cognitive impairment. BMC Bioinformatics, 2022, 23, . | 1.2 | 1 |
| 7219 | Gray matter volume alterations in subjects with overweight and obesity: Evidence from a voxel-based meta-analysis. Frontiers in Psychiatry, 0, 13, . | 1.3 | 3 |
| 7220 | Magnetic resonance imaging of the dopamine system in schizophrenia – A scoping review. Frontiers in Psychiatry, 0, 13, . | 1.3 | 4 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7221 | Multimodal analyses of a non-human primate model harboring mutant amyloid precursor protein transgenes driven by the human EF11± promoter Neuroscience Research, 2022, 185, 49-61. | 1.0 | 5 |
| 7222 | Meta-analysis of structural and functional brain abnormalities in schizophrenia with persistent negative symptoms using activation likelihood estimation. Frontiers in Psychiatry, 0, 13, . | 1.3 | 5 |
| 7223 | MEG measured delta waves increase in adolescents after concussion. Brain and Behavior, 2022, 12, . | 1.0 | 3 |
| 7224 | Brain structural and functional changes during menstrual migraine: Relationships with pain. Frontiers in Molecular Neuroscience, 0, 15, . | 1.4 | 6 |
| 7225 | Associations of depressive symptoms with white matter abnormalities and regional cerebral blood flow in patients with amnestic mild cognitive impairment. Geriatrics and Gerontology International, 2022, 22, 846-850. | 0.7 | 1 |
| 7226 | Correlates of poor insight: A comparative fMRI and sMRI study in obsessive-compulsive disorder and schizo-obsessive disorder. Journal of Affective Disorders, 2023, 321, 66-73. | 2.0 | 2 |
| 7227 | Brain morphology changes after spinal cord injury: A voxel-based meta-analysis. Frontiers in Neurology, 0, 13, . | 1.1 | 4 |
| 7228 | Choice of Voxel-based Morphometry processing pipeline drives variability in the location of neuroanatomical brain markers. Communications Biology, 2022, 5, . | 2.0 | 21 |
| 7229 | Quadratic relationship between systolic blood pressure and white matter lesions in individuals with hypertension. Journal of Hypertension, 0, Publish Ahead of Print, . | 0.3 | 0 |
| 7230 | Longitudinal neuroplasticity after ankle sprain in mice: A voxelâ€based morphometry study on 11.7T MRI. Journal of Orthopaedic Research, 0, , . | 1.2 | 0 |
| 7231 | A comparative study of gray matter volumetric alterations in adults with attention deficit hyperactivity disorder and bipolar disorder type I. Journal of Psychiatric Research, 2022, 155, 410-419. | 1.5 | 1 |
| 7232 | Neuroimaging and clinical characteristics of cognitive migration in community-dwelling older adults. NeuroImage: Clinical, 2022, 36, 103232. | 1.4 | 1 |
| 7233 | 3D-Aware Indoor Scene Synthesis withÂDepth Priors. Lecture Notes in Computer Science, 2022, , 406-422. | 1.0 | 10 |
| 7234 | Alzheimers Disease Recognition using CNN Model with EfficientNetV2. , 2022, , . | | 2 |
| 7235 | Efficacy prediction of acupuncture treatment for migraine without aura based on multimodal MRI: A study protocol. Frontiers in Neurology, 0, 13, . | 1.1 | 3 |
| 7236 | Cortical and subcortical grey matter correlates of psychopathic traits in a Japanese community sample of young adults: sex and configurations of factors' level matter!. Cerebral Cortex, 0, , . | 1.6 | Ο |
| 7237 | Longitudinal evaluation of proton magnetic resonance spectroscopy metabolites as biomarkers in Huntington's disease. Brain Communications, 2022, 4, . | 1.5 | 1 |
| 7238 | Neuroanatomical correlates of screening for aphasia in NeuroDegeneration (SAND) battery in non-fluent/agrammatic variant of primary progressive aphasia. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 0 |

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| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7239 | Seeking Overlapping Neuroanatomical Alterations between Dyslexia and Attention-Deficit/Hyperactivity Disorder: A Meta-Analytic Replication Study. Brain Sciences, 2022, 12, 1367. | 1.1 | 7 |
| 7240 | Mindfulness in the focus of the neurosciences - The contribution of neuroimaging to the understanding of mindfulness. Frontiers in Behavioral Neuroscience, 0, 16, . | 1.0 | 7 |
| 7241 | FedMed-ATL: Misaligned Unpaired Cross-Modality Neuroimage Synthesis via Affine Transform Loss. , 2022, , . | | 2 |
| 7242 | Impact of normative brain volume reports on the diagnosis of neurodegenerative dementia disorders in neuroradiology: A real-world, clinical practice study. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 1 |
| 7244 | Quality assurance for MRI-only radiation therapy: A voxel-wise population-based methodology for image and dose assessment of synthetic CT generation methods. Frontiers in Oncology, 0, 12, . | 1.3 | 6 |
| 7245 | Gray matter, white matter and cerebrospinal fluid abnormalities in Parkinson's disease: A voxel-based morphometry study. Frontiers in Psychiatry, 0, 13, . | 1.3 | 20 |
| 7246 | Tensor-based Multi-Modality Feature Selection and Regression for Alzheimer's Disease Diagnosis. , 2022, , . | | 0 |
| 7247 | Clinical correlates of R1 relaxometry and magnetic susceptibility changes in multiple sclerosis: a multi-parameter quantitative MRI study of brain iron and myelin. European Radiology, 0, , . | 2.3 | 3 |
| 7248 | Retinal thickness changes in different subfields reflect the volume change of cerebral white matter hyperintensity. Frontiers in Neurology, 0, 13, . | 1.1 | 0 |
| 7249 | Intellectual enrichment and genetic modifiers of cognition and brain volume in Huntington's disease. Brain Communications, 2022, 4, . | 1.5 | 3 |
| 7250 | Investigating Tissue-Specific Abnormalities in Alzheimer's Disease with Multi-Shell Diffusion MRI. Journal of Alzheimer's Disease, 2022, 90, 1771-1791. | 1.2 | 2 |
| 7251 | Prognostic associations of cortical gyrification in minimally medicated schizophrenia in an early intervention setting. , 2022, 8, . | | 3 |
| 7252 | Building a tissueâ€unbiased brain template of fiber orientation distribution and tractography with multimodal registration. Magnetic Resonance in Medicine, 2023, 89, 1207-1220. | 1.9 | 8 |
| 7253 | Meta-analytical evidence of functional and structural abnormalities associated with pain processing in migraine patients: An activation likelihood estimation. Medicine (United States), 2022, 101, e31206. | 0.4 | 1 |
| 7254 | Invariant structural and functional brain regions associated with tinnitus: A meta-analysis. PLoS ONE, 2022, 17, e0276140. | 1.1 | 5 |
| 7256 | Ventral striatal subregional dysfunction in late-life grief: Relationships with yearning and depressive symptoms. Journal of Psychiatric Research, 2022, 156, 252-260. | 1.5 | 0 |
| 7257 | Spatial profiles provide sensitive MRI measures of the midbrain micro- and macrostructure. NeuroImage, 2022, 264, 119660. | 2.1 | 0 |
| 7258 | Alterations of gray and white matter volumes and cortical thickness in treated HIV-positive patients. Magnetic Resonance Imaging, 2023, 95, 27-38. | 1.0 | 3 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7259 | ICAM-Reg: Interpretable Classification and Regression With Feature Attribution for Mapping Neurological Phenotypes in Individual Scans. IEEE Transactions on Medical Imaging, 2023, 42, 959-970. | 5.4 | 6 |
| 7260 | Neuroimaging of restless legs syndrome. , 2023, , 519-540. | | 0 |
| 7261 | Structural MRI in familial and idiopathic PD. , 2023, , 151-199. | | 0 |
| 7262 | Neuroimaging in essential tremor. , 2023, , 491-518. | | 0 |
| 7263 | Magnetic resonance imaging in Parkinson's disease with mild cognitive impairment, Parkinson's disease dementia, and dementia with Lewy bodies. , 2023, , 297-307. | | 0 |
| 7264 | Neuroimaging in multiple system atrophy. , 2023, , 311-354. | | 0 |
| 7265 | Neuroimaging in dystonia. , 2023, , 541-566. | | 0 |
| 7266 | Learning-related contraction of gray matter in rodent sensorimotor cortex is associated with adaptive myelination. ELife, 0, 11, . | 2.8 | 3 |
| 7267 | A review on Alzheimer's disease classification from normal controls and mild cognitive impairment using structural MR images. Journal of Neuroscience Methods, 2023, 384, 109745. | 1.3 | 12 |
| 7268 | Morphological and functional brain changes in chronic cancerâ€related pain: A systematic review. Anatomical Record, 2024, 307, 285-297. | 0.8 | 1 |
| 7269 | Cerebral and cognitive modifications in retired professional soccer players: TC-FOOT protocol, a transverse analytical study. BMJ Open, 2022, 12, e060459. | 0.8 | 2 |
| 7270 | Grey matter morphology in women with premenstrual dysphoric disorder treated with a selective progesterone receptor modulator. European Neuropsychopharmacology, 2022, 65, 35-43. | 0.3 | 2 |
| 7271 | Patch-based deep multi-modal learning framework for Alzheimer's disease diagnosis using multi-view neuroimaging. Biomedical Signal Processing and Control, 2023, 80, 104400. | 3.5 | 9 |
| 7276 | Diffusion Tensor Imaging Biomarkers for Parkinson's Disease Symptomatology. Lecture Notes in Computer Science, 2022, , 134-142. | 1.0 | 0 |
| 7277 | Rapid volumetric brain changes after acute psychosocial stress. NeuroImage, 2023, 265, 119760. | 2.1 | 2 |
| 7278 | Increasing empathic concern relates to salience network hyperconnectivity in cognitively healthy older adults with elevated amyloid-l² burden. NeuroImage: Clinical, 2023, 37, 103282. | 1.4 | 8 |
| 7279 | Exploring the heterogeneous morphometric data in essential tremor with probabilistic modelling. Neurolmage: Clinical, 2023, 37, 103283. | 1.4 | 2 |
| 7280 | Optimal transport features for morphometric population analysis. Medical Image Analysis, 2023, 84, 102696. | 7.0 | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7281 | Visuo-motor transformations in the intraparietal sulcus mediate the acquisition of endovascular medical skill. NeuroImage, 2023, 266, 119781. | 2.1 | 0 |
| 7282 | A Univariate Morphometry Index for AD-induced Abnormal Cortical Surface Pattern Similarity Measurement. , 2022, , . | | 0 |
| 7283 | f-MRI Based Detection of Autism using CNN Algorithm. , 2022, , . | | 1 |
| 7284 | Functional and Morphological Brain Alterations in Dysthyroid Optic Neuropathy: A Combined Restingâ€6tate <scp>fMRI</scp> and Voxelâ€8ased Morphometry Study. Journal of Magnetic Resonance Imaging, 2023, 58, 510-517. | 1.9 | 3 |
| 7285 | Structural and functional changes in drug-naÃ ⁻ ve benign childhood epilepsy with centrotemporal spikes and their associated gene expression profiles. Cerebral Cortex, 2023, 33, 5774-5782. | 1.6 | 3 |
| 7286 | Altered reward processing underpins emotional apathy in dementia. Cognitive, Affective and Behavioral Neuroscience, 2023, 23, 354-370. | 1.0 | 6 |
| 7287 | Linking neuroanatomical abnormalities in autism spectrum disorder with gene expression of candidate ASD genes: A meta-analytic and network-oriented approach. PLoS ONE, 2022, 17, e0277466. | 1.1 | 1 |
| 7288 | Neurobiological mechanisms of psychosis in epilepsy: Findings from neuroimaging studies. Frontiers in Psychiatry, 0, 13, . | 1.3 | 3 |
| 7289 | Age-related brain atrophy in cats without apparent neurological and behavioral signs using voxel-based morphometry. Frontiers in Veterinary Science, 0, 9, . | 0.9 | 1 |
| 7291 | Impact of Computerized Cognitive Training on Default Mode Network Connectivity in Subjects at Risk for Alzheimer's Disease: AÂ78-week Randomized Controlled Trial. Journal of Alzheimer's Disease, 2023, 91, 483-494. | 1.2 | 3 |
| 7292 | TRIAC Treatment Improves Impaired Brain Network Function and White Matter Loss in Thyroid Hormone Transporter Mct8/Oatp1c1 Deficient Mice. International Journal of Molecular Sciences, 2022, 23, 15547. | 1.8 | 5 |
| 7293 | Aberrant gray matter structure in neurosyphilis without conventional MRI abnormality: a pilot study with voxel and surface-based morphology. Acta Radiologica, 0, , 028418512211420. | 0.5 | 2 |
| 7296 | Structural and Functional Neural Correlates in Individuals with Excessive Smartphone Use: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 16277. | 1.2 | 4 |
| 7297 | DeepParcellation: A novel deep learning method for robust brain magnetic resonance imaging parcellation in older East Asians. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 2 |
| 7298 | Neurobiological mechanisms and related clinical treatment of addiction: a review. Psychoradiology, 2022, 2, 180-189. | 1.0 | 3 |
| 7299 | The <scp> <i>APOE4</i> </scp> effect: structural brain differences in Alzheimer's disease according to the age at symptom onset. European Journal of Neurology, 0, , . | 1.7 | 1 |
| 7300 | Brain functional connectivity alterations associated with neuropsychological performance 6–9Âmonths following <scp>SARSâ€CoV</scp> â€2 infection. Human Brain Mapping, 2023, 44, 1629-1646. | 1.9 | 18 |
| 7301 | Morphological and Structural Network Analysis of Sporadic Alzheimer's Disease Brains Based on the APOE4 Gene. Journal of Alzheimer's Disease, 2022, , 1-14. | 1.2 | 1 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7303 | Cognitive and brain gray matter changes in children with obstructive sleep apnea: a voxel-based morphological study. Neuropediatrics, 0, , . | 0.3 | 0 |
| 7304 | Structural Changes in Brain Magnetic Resonance Imaging Associated With Psychogenic Non-epileptic Seizures: An Analytical Cross-Sectional Study. Cureus, 2022, , . | 0.2 | 1 |
| 7305 | Hippocampal, basal ganglia and olfactory connectivity contribute to cognitive impairments in Parkinson's disease. European Journal of Neuroscience, 2023, 57, 511-526. | 1.2 | 4 |
| 7307 | Neurocognitive patterns across genetic levels in behavioral variant frontotemporal dementia: a multiple single cases study. BMC Neurology, 2022, 22, . | 0.8 | 4 |
| 7308 | Structural and functional imaging of brains. Science China Chemistry, 0, , . | 4.2 | 13 |
| 7309 | Development of the corpus callosum and cognition after neonatal encephalopathy. Annals of Clinical and Translational Neurology, 2023, 10, 32-47. | 1.7 | 2 |
| 7310 | Sex and menopause impact 31P-Magnetic Resonance Spectroscopy brain mitochondrial function in association with 11C-PiB PET amyloid-beta load. Scientific Reports, 2022, 12, . | 1.6 | 10 |
| 7311 | The gray matter morphology associated with the electrophysiological response to errors in individuals with high trait anxiety. International Journal of Psychophysiology, 2022, , . | 0.5 | 1 |
| 7312 | The insula modulates the effects of aerobic training on cardiovascular function and ambulation in multiple sclerosis. Journal of Neurology, 2023, 270, 1672-1681. | 1.8 | 6 |
| 7313 | Linking early-life bilingualism and cognitive advantage in older adulthood. Neurobiology of Aging, 2023, 124, 18-28. | 1.5 | 2 |
| 7314 | A functional MRI pre-processing and quality control protocol based on statistical parametric mapping (SPM) and MATLAB. , 0, 1, . | | 5 |
| 7315 | Decreased frontal and orbital volumes and increased cerebellar volumes in patients with anosmia Of Unknown origin: A subtle connection?. Journal of Psychiatric Research, 2023, 160, 86-92. | 1.5 | 1 |
| 7316 | Cerebellar gray matter alterations predict deep brain stimulation outcomes in Meige syndrome. Neurolmage: Clinical, 2023, 37, 103316. | 1.4 | 1 |
| 7317 | Meta-analysis of structural and functional alterations of brain in patients with attention-deficit/hyperactivity disorder. Frontiers in Psychiatry, 0, 13, . | 1.3 | 5 |
| 7318 | Predicting executive functioning from functional brain connectivity: network specificity and age effects. Cerebral Cortex, 2023, 33, 6495-6507. | 1.6 | 6 |
| 7319 | Neural correlates of impulse control behaviors in Parkinson's disease: Analysis of multimodal imaging data. Neurolmage: Clinical, 2023, 37, 103315. | 1.4 | 4 |
| 7320 | Regional shape alteration of left thalamus associated with late chronotype in young adults. Chronobiology International, 2023, 40, 234-245. | 0.9 | 1 |
| 7321 | Brain structural analysis in patients with post-traumatic anosmia: Voxel-based and surface-based morphometry. Journal of Neuroradiology, 2023, 50, 482-491. | 0.6 | 2 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7322 | In-vivo along muscle fascicle strain heterogeneity is not affected by image registration parameters: Robustness testing of combined magnetic resonance-diffusion tensor imaging method. Journal of the Mechanical Behavior of Biomedical Materials, 2023, , 105681. | 1.5 | 2 |
| 7323 | Improving performance robustness of subject-based brain segmentation software. Encephalitis, 2023, 3, 24-33. | 0.3 | 0 |
| 7324 | Significant age by childhood trauma interactions on grey matter volumes: a whole brain <scp>VBM</scp> analysis. Bipolar Disorders, 0, , . | 1.1 | 0 |
| 7325 | Basal Ganglia Atrophy as a Marker for Prodromal X‣inked <scp>Dystoniaâ€Parkinsonism</scp> . Annals of Neurology, 2023, 93, 999-1011. | 2.8 | 4 |
| 7326 | Cholinergic Nucleus 4 Degeneration and Cognitive Impairment in Isolated Rapid Eye Movement Sleep Behavior Disorder. Movement Disorders, 2023, 38, 474-479. | 2.2 | 5 |
| 7327 | Alterations in brain structure and function associated with pediatric growth hormone deficiency: A multi-modal magnetic resonance imaging study. Frontiers in Neuroscience, 0, 16, . | 1.4 | 3 |
| 7328 | Cocaine use disorder is associated with widespread surface-based alterations of the basal ganglia. Journal of Psychiatric Research, 2023, 158, 95-103. | 1.5 | 3 |
| 7329 | Functional Coherence in Intrinsic Frontal Executive Networks Predicts Cognitive Impairments in Alcohol Use Disorder. Brain Sciences, 2023, 13, 45. | 1.1 | 2 |
| 7330 | Tensor-Based Multi-Modal Multi-Target Regression for Alzheimer's Disease Prediction. , 2022, , . | | 0 |
| 7331 | A Voxel-Based Morphometric Study of Gray Matter in Specific Phobia. Life, 2023, 13, 119. | 1.1 | 0 |
| 7334 | Unsupervised Echocardiography Registration Through Patch-Based MLPs andÂTransformers. Lecture Notes in Computer Science, 2022, , 168-178. | 1.0 | 0 |
| 7337 | Association between social comparison orientation and hippocampal properties in older adults: A multimodal MRI study. Social Neuroscience, 2022, 17, 544-557. | 0.7 | 3 |
| 7339 | Interpretable Multi-Modal Image Registration Network Based on Disentangled Convolutional Sparse Coding. IEEE Transactions on Image Processing, 2023, 32, 1078-1091. | 6.0 | 32 |
| 7340 | Brain Neurodevelopmental Changes in Anorexia Nervosa. , 2023, , 1-12. | | 0 |
| 7341 | Technological Evolution in the Instrumentation of Ataxia Severity Measurement. IEEE Access, 2023, 11, 14006-14027. | 2.6 | 1 |
| 7342 | A novel histological staging of hippocampal sclerosis that is evident in gray matter loss in vivo. Alzheimer's and Dementia, 0, , . | 0.4 | 3 |
| 7343 | Brain Areas Critical for Picture Naming: A Systematic Review and Meta-Analysis of Lesion-Symptom Mapping Studies. Neurobiology of Language (Cambridge, Mass), 2023, 4, 280-296. | 1.7 | 3 |
| 7344 | Brain Structural and Functional Alterations in Native Tibetans Living at High Altitude. Neuroscience, 2023, , . | 1.1 | 2 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7345 | Robust associations between white matter microstructure and general intelligence. Cerebral Cortex, 2023, 33, 6723-6741. | 1.6 | 3 |
| 7347 | Diffeomorphic Image Registration with Neural Velocity Field. , 2023, , . | | 2 |
| 7348 | Temporal Irreversibility of Large-Scale Brain Dynamics in Alzheimer's Disease. Journal of Neuroscience, 2023, 43, 1643-1656. | 1.7 | 14 |
| 7349 | Technical note: MAMBA—Multiâ€pAradigM voxelâ€Based Analysis: A computational cookbot. Medical Physics, 2023, 50, 2317-2322. | 1.6 | 2 |
| 7350 | Self-Distilled Hierarchical Network for Unsupervised Deformable Image Registration. IEEE Transactions on Medical Imaging, 2023, , 1-1. | 5.4 | 1 |
| 7351 | Age-related intrinsic functional connectivity underlying emotion utilization. Cerebral Cortex, 2023, 33, 7088-7099. | 1.6 | 2 |
| 7352 | Estimating uncertainty in readâ€out patterns: Application to controlsâ€based denoising and voxelâ€based morphometry patterns in neurodegenerative and neuropsychiatric diseases. Human Brain Mapping, 2023, 44, 2802-2814. | 1.9 | 3 |
| 7353 | Biomarker to find neurodegenerative diseases using the structural changes in brain using computer vision. Multimedia Tools and Applications, 0, , . | 2.6 | 1 |
| 7354 | Prevalence, Timing, and Network Localization of Emergent Visual Creativity in Frontotemporal Dementia. JAMA Neurology, 2023, 80, 377. | 4.5 | 6 |
| 7355 | Resistance Training Increases White Matter Density in Frail Elderly Women. Journal of Clinical Medicine, 2023, 12, 2684. | 1.0 | 2 |
| 7356 | Multimodal cross enhanced fusion network for diagnosis of Alzheimer's disease and subjective memory complaints. Computers in Biology and Medicine, 2023, 157, 106788. | 3.9 | 2 |
| 7357 | An automated landmark method to describe geometric changes in the human mandible during growth. Archives of Oral Biology, 2023, 149, 105663. | 0.8 | 1 |
| 7358 | Trait absorption is not reliably associated with brain structure or resting-state functional connectivity. NeuroImage Reports, 2023, 3, 100171. | 0.5 | 0 |
| 7359 | The association of dietary and nutrient patterns on neurocognitive decline: A systematic review of MRI and PET studies. Ageing Research Reviews, 2023, 87, 101892. | 5.0 | 3 |
| 7360 | Music interventions in 132 healthy older adults enhance cerebellar grey matter and auditory working memory, despite general brain atrophy. NeuroImage Reports, 2023, 3, 100166. | 0.5 | 2 |
| 7361 | Assessment of complementary white matter microstructural changes and grey matter atrophy in a preclinical model of Alzheimer's disease. Magnetic Resonance Imaging, 2023, 101, 57-66. | 1.0 | 0 |
| 7362 | Level-set-based multiplicative intrinsic component optimization for brain tissue segmentation in T1-W and T2-W modality MRI. Expert Systems With Applications, 2023, 224, 119967. | 4.4 | 2 |
| 7363 | Thinking versus feeling: How interoception and cognition influence emotion recognition in behavioural-variant frontotemporal dementia, Alzheimer's disease, and Parkinson's disease. Cortex, 2023, 163, 66-79. | 1.1 | 7 |

| # | Article | IF | CITATIONS |
|------|---|-----|-----------|
| 7364 | Neuroimaging the effects of smartphone (over-)use on brain function and structure—a review on the current state of MRI-based findings and a roadmap for future research. Psychoradiology, 2023, 3, . | 1.0 | 5 |
| 7365 | Shared grey matter correlates of reading and attention. Brain and Language, 2023, 237, 105230. | 0.8 | 2 |
| 7366 | Deep neural network heatmaps capture Alzheimer's disease patterns reported in a large meta-analysis of neuroimaging studies. NeuroImage, 2023, 269, 119929. | 2.1 | 8 |
| 7367 | DBCE : A Saliency Method for Medical Deep Learning Through Anatomically-Consistent Free-Form Deformations. , 2023, , . | | 1 |
| 7368 | Changes in brain gray matter volume in nasopharyngeal carcinoma patients after radiotherapy in long-term follow-up. Brazilian Journal of Otorhinolaryngology, 2023, 89, 477-484. | 0.4 | 0 |
| 7369 | Differences in Gray Matter Volume in Cerebral Small Vessel Disease Patients with and without Sleep Disturbance. Brain Sciences, 2023, 13, 294. | 1.1 | 2 |
| 7370 | Sex-specific relationships between obesity, physical activity, and gray and white matter volume in cognitively unimpaired older adults. GeroScience, 0, , . | 2.1 | 2 |
| 7371 | The Unresolved Methodological Challenge of Detecting Neuroplastic Changes in Astronauts. Life, 2023, 13, 500. | 1.1 | 3 |
| 7373 | Effects of sex and APOE ε4 genotype on brain mitochondrial high-energy phosphates in midlife individuals at risk for Alzheimer's disease: A 31Phosphorus MR spectroscopy study. PLoS ONE, 2023, 18, e0281302. | 1.1 | 6 |
| 7374 | Caudate gray matter volumes and risk of relapse in Type A alcohol-dependent patients: A 7-year MRI follow-up study. Frontiers in Psychiatry, 0, 14, . | 1.3 | 0 |
| 7375 | Neurological update: structural and functional imaging in epilepsy surgery. Journal of Neurology, 2023, 270, 2798-2808. | 1.8 | 3 |
| 7376 | Voxelâ€based morphometric magnetic resonance imaging evaluation of small head fetus: A comparative study with normal developmental fetus. International Journal of Developmental Neuroscience, 0, , . | 0.7 | 0 |
| 7377 | Multivariate functional mixed model with MRI data: AnÂapplication to Alzheimer's disease. Statistics in Medicine, 0, , . | 0.8 | 0 |
| 7378 | Vascular-water-exchange MRI (VEXI) enables the detection of subtle AXR alterations in Alzheimer's disease without MRI contrast agent, which may relate to BBB integrity. NeuroImage, 2023, 270, 119951. | 2.1 | 6 |
| 7379 | "Computational analysis on verbal fluency reveals heterogeneity in subjective language interests and brain structure― Neurolmage Reports, 2023, 3, 100159. | 0.5 | 0 |
| 7380 | Cerebral cortical thinning in Parkinson's disease depends on the age of onset. PLoS ONE, 2023, 18, e0281987. | 1.1 | 1 |
| 7381 | Alzheimer Disease Classification through Transfer Learning Approach. Diagnostics, 2023, 13, 801. | 1.3 | 13 |
| 7382 | Alteration of the cortical morphology in classical trigeminal neuralgia: voxel-, deformation-, and surface-based analysis. Journal of Headache and Pain, 2023, 24, . | 2.5 | 9 |

| # | Article | IF | Citations |
|------|---|-----|-----------|
| 7383 | Deciphering the genetic architecture of human brain structure and function: a brief survey on recent advances of neuroimaging genomics. Briefings in Bioinformatics, 2023, 24, . | 3.2 | 3 |
| 7384 | Word-producing brain: Contribution of the left anterior middle temporal gyrus to word production patterns in spoken language. Brain and Language, 2023, 238, 105233. | 0.8 | 3 |
| 7387 | An Inverse Relationship Between Gray Matter Volume and Speech-in-Noise Performance in Tinnitus Patients with Normal Hearing Sensitivity. JARO - Journal of the Association for Research in Otolaryngology, 2023, 24, 385-395. | 0.9 | 2 |
| 7388 | CHD8 mutations increase gliogenesis to enlarge brain size in the nonhuman primate. Cell Discovery, 2023, 9, . | 3.1 | 4 |
| 7389 | Abnormal Brain Circuits Characterize Borderline Personality and Mediate the Relationship between Childhood Traumas and Symptoms: A mCCA+jICA and Random Forest Approach. Sensors, 2023, 23, 2862. | 2.1 | 4 |
| 7390 | The influence of culture and cognitive reserve on the clinical presentation of behavioural-variant frontotemporal dementia. Journal of Neurology, 2023, 270, 3192-3203. | 1.8 | 1 |
| 7391 | A comparison of ventricular volume and linear indices in predicting shunt dependence in aneurysmal subarachnoid hemorrhage. World Neurosurgery: X, 2023, 19, 100181. | 0.6 | 0 |
| 7392 | Fine-Grained and Multiple Classification for Alzheimer's Disease With Wavelet Convolution Unit Network. IEEE Transactions on Biomedical Engineering, 2023, , 1-12. | 2.5 | 2 |
| 7393 | Neuroanatomical correlates of system-justifying ideologies: a pre-registered voxel-based morphometry study on right-wing authoritarianism and social dominance orientation. Royal Society Open Science, 2023, 10, . | 1.1 | 4 |
| 7395 | Neurodegeneration: Cerebrum. , 2013, , 947-947.e19. | | 0 |
| 7396 | Functional Magnetic Resonance Imaging (fMRI) of Interpersonal Aggression. , 2023, , 1-15. | | 0 |
| 7397 | Synergistic structural and functional alterations in the medial prefrontal cortex of patients with high-grade gliomas infiltrating the thalamus and the basal ganglia. Frontiers in Neuroscience, 0, 17, . | 1.4 | 0 |
| 7398 | A review of multi-modal magnetic resonance imaging studies on perimenopausal brain: a hint towards neural heterogeneity. European Radiology, 2023, 33, 5282-5297. | 2.3 | 1 |
| 7400 | Multi-level fusion network for mild cognitive impairment identification using multi-modal neuroimages. Physics in Medicine and Biology, 2023, 68, 095018. | 1.6 | 2 |
| 7401 | Functional septorhinoplasty alters brain structure and function: Neuroanatomical correlates of olfactory dysfunction. Frontiers in Allergy, 0, 4, . | 1.2 | 0 |
| 7402 | Functional Magnetic Resonance Imaging (fMRI) of Interpersonal Aggression. , 2023, , 1-15. | | 0 |
| 7403 | Metaâ€analysis reveals a reduced surface area of the amygdala in individuals with attention deficit/hyperactivity disorder. Psychophysiology, 0, , . | 1.2 | 0 |
| 7404 | Structural and functional activities of brain in patients with vascular cognitive impairment: A case-controlled magnetic resonance imaging study. Medicine (United States), 2023, 102, e33534. | 0.4 | 0 |

| | | CITATION RE | PORT | |
|------|--|-------------------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 7405 | Differential Associations of Mobility With Fronto-Striatal Integrity and Lesion Load in O With and Without Multiple Sclerosis. Neurorehabilitation and Neural Repair, 2023, 37, | lder Adults 205-217. | 1.4 | 1 |
| 7406 | Altered White Matter Integrity in ADHD Revealed by Meta-analysis of Tract-based Spati Journal of Attention Disorders, 2023, 27, 997-1008. | al Statistics. | 1.5 | 1 |
| 7407 | Microstructural and functional impairment of the basal ganglia in Wilson's disease: neuroimaging study. Frontiers in Neuroscience, 0, 17, . | a multimodal | 1.4 | 0 |
| 7408 | Brain morphological changes associated with sexual orientation. , 2023, , 495-502. | | | 0 |
| 7409 | Cerebral effects of gender-affirming hormone treatments in transgender persons. , 202 | 3, , 589-600. | | 0 |
| 7423 | Simultaneous PET and MR Imaging of the Human Brain. , 2023, , 1165-1201. | | | 0 |
| 7444 | Contribution of neuroimaging studies to the understanding of immunology and inflamme pilepsy. , 2023, , 411-423. | nation in | | 0 |
| 7449 | Neuroimaging Methods Investigating Anterior Insula Alterations in Schizophrenia and N Disorders. Neuromethods, 2023, , 167-178. | lood | 0.2 | 0 |
| 7450 | Computational Anatomy Going Beyond Brain Morphometry. Neuromethods, 2023, , 11 | 9-132. | 0.2 | 0 |
| 7453 | Premises of Computational Neuroscience: Machine Learning Tools and Multivariate Ana Neuromethods, 2023, , 257-271. | lyses. | 0.2 | 0 |
| 7478 | Neuroimaging in Machine Learning for Brain Disorders. Neuromethods, 2023, , 253-284 | ł. | 0.2 | 0 |
| 7479 | Image Registration: Fundamentals and Recent Advances Based on Deep Learning. Neur 435-458. | omethods, 2023, , | 0.2 | 0 |
| 7489 | A Study on Voxel Shape Generation and Reconstruction with VQ-VAE-2. , 2023, , . | | | 0 |
| 7495 | Functional Magnetic Resonance Imaging (fMRI) of Interpersonal Aggression. , 2023, , 1 | 775-1789. | | 0 |
| 7496 | Semi-Quantitative Analysis: Software-Based Imaging Interpretation: NEUROSTAT/SPM. | , 2023, , 195-206. | | 0 |
| 7497 | MR Imaging of Neurodegeneration. , 2023, , 169-181. | | | 0 |
| 7501 | Supervised Deep Tree in Alzheimer's Disease. , 2023, , . | | | 0 |
| 7531 | Diagnostic value of plasma SIRT1 levels and whole-brain gray matter volume in Parkinsc patients with cognitive impairment. Neurological Sciences, 0, , . | n's disease | 0.9 | 0 |

| # | Article | IF | CITATIONS |
|------|--|-----|-----------|
| 7535 | Attentive Deep Canonical Correlation Analysis forÂDiagnosing Alzheimer's Disease Using Multimodal Imaging Genetics. Lecture Notes in Computer Science, 2023, , 681-691. | 1.0 | 2 |
| 7540 | Proper Scoring Loss Functions Are Simple andÂEffective forÂUncertainty Quantification ofÂWhite Matter Hyperintensities. Lecture Notes in Computer Science, 2023, , 208-218. | 1.0 | 1 |
| 7549 | White matter changes in Parkinson's disease. Npj Parkinson's Disease, 2023, 9, . | 2.5 | 3 |
| 7563 | What imaging has revealed about migraine and chronic migraine. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2023, , 105-116. | 1.0 | 0 |
| 7573 | Optimizing Permutations in Biclustering Algorithms. Lecture Notes in Networks and Systems, 2023, , 115-129. | 0.5 | 0 |
| 7575 | Volume Measurements of the Corpus Callosum Volume Using MRI. , 2023, , 121-127. | | Ο |
| 7577 | Neuroimaging Biomarkers in Alzheimer's Disease and Related Disorders. , 2023, , 163-188. | | 0 |
| 7594 | Grey matter structural alterations in anxiety disorders: a voxel-based meta-analysis. Brain Imaging and Behavior, O, , . | 1.1 | 0 |
| 7607 | Exploring anatomical brain heterogeneity in subjects with mild cognitive impairment. , 2023, , . | | 0 |
| 7624 | Voxelmorph Learns to Pay Attention. , 2023, , . | | 0 |
| 7631 | Identifying Shared Neuroanatomic Architecture Between Cognitive Traits Through Multiscale Morphometric Correlation Analysis. Lecture Notes in Computer Science, 2023, , 227-240. | 1.0 | 0 |
| 7632 | The Structural Neural Correlates of Spoken Discourse. , 2023, , 111-119. | | 0 |
| 7633 | Brain Imaging in Psychiatry. , 2023, , 1-32. | | 0 |
| 7634 | BundleCleaner: Unsupervised Denoising andÂSubsampling ofÂDiffusion MRI-Derived Tractography Data. Lecture Notes in Computer Science, 2023, , 152-164. | 1.0 | 0 |
| 7656 | Structural hemispheric asymmetries. , 2024, , 95-127. | | 0 |
| 7668 | Performance Evaluation of Vanilla, Residual, and Dense 2D U-Net Architectures for Skull Stripping of Augmented 3D T1-Weighted MRI Head Scans. Communications in Computer and Information Science, 2024, , 131-142. | 0.4 | 0 |
| 7670 | The Frontostriatal Gating Model of Tinnitus. , 2024, , 221-230. | | 0 |