Stefan Sunaert

List of Publications by Year
in descending order

213	12,230	22099	33814
papers	citations	59 h-index	99 g-index

222	222	222	14363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A paleo-neurologic investigation of the social brain hypothesis in frontotemporal dementia. Cerebral Cortex, 2023, 33, 622-633.	1.6	2
2	Regional glucose metabolic decreases with ageing are associated with microstructural white matter changes: a simultaneous PET/MR study. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 664-680.	3.3	10
3	Clinical BOLD fMRI and DTI: Artifacts, Tips, and Tricks. Medical Radiology, 2022, , 407-439.	0.0	0
4	Blood and neuroimaging biomarkers of cognitive sequelae in breast cancer patients throughout chemotherapy: A systematic review. Translational Oncology, 2022, 16, 101297.	1.7	11
5	Cross-Modal Distillation to Improve MRI-Based Brain Tumor Segmentation With Missing MRI Sequences. IEEE Transactions on Biomedical Engineering, 2022, 69, 2153-2164.	2.5	15
6	The impact of COVID-19-related smell and taste disorders on a patient with bulimia nervosa: a case report. Neurocase, 2022, , 1-5.	0.2	0
7	Neuroinflammation as potential precursor of leukoencephalopathy in early-stage breast cancer patients: A cross-sectional PET-MRI study. Breast, 2022, 62, 61-68.	0.9	5
8	An optimized MRI and PET based clinical protocol for improving the differential diagnosis of geriatric depression and Alzheimer's disease. Psychiatry Research - Neuroimaging, 2022, 320, 111443.	0.9	6
9	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight. Frontiers in Neural Circuits, 2022, 16, 815838.	1.4	17
10	An atlas of white matter anatomy, its variability, and reproducibility based on constrained spherical deconvolution of diffusion MRI. NeuroImage, 2022, 254, 119029.	2.1	23
11	Task-Related Modulation of Sensorimotor GABA+ Levels in Association with Brain Activity and Motor Performance: A Multimodal MRSâ€“fMRI Study in Young and Older Adults. Journal of Neuroscience, 2022, 42, 1119-1130.	1.7	2
12	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120439119.	3.3	26
13	The Impact of Mindfulness-Based Interventions on Brain Functional Connectivity: a Systematic Review. Mindfulness, 2022, 13, 1857-1875.	1.6	10
14	Left Frontal White Matter Links to Rhythm Processing Relevant to Speech Production in Apraxia of Speech. Neurobiology of Language (Cambridge, Mass), 2022, 3, 515-537.	1.7	2
15	Brain activation after nasal histamine provocation in house dust mite allergic rhinitis patients. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1879-1882.	2.7	5
16	Cortical thinning and altered functional brain coherence in survivors of childhood sarcoma. Brain Imaging and Behavior, 2021, 15, 677-688.	1.1	5
17	In vivo synaptic density relates to glucose metabolism at rest in healthy subjects, but is strongly modulated by regional differences. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098150.	2.4	21
18	Structural correlates of the audiological and emotional components of chronic tinnitus. Progress in Brain Research, 2021, 262, 487-509.	0.9	7

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19	The Leuven late life depression (L3D) study: PET-MRI biomarkers of pathological brain ageing in late-life depression: study protocol. BMC Psychiatry, 2021, 21, 64.	1.1	7
20	Quantitative MRI phenotypes capture biological heterogeneity in multiple sclerosis patients. Scientific Reports, 2021, 11, 1573.	1.6	5
21	Shared heritability of human face and brain shape. Nature Genetics, 2021, 53, 830-839.	9.4	57
22	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
23	Age- and Intravenous Methotrexate-Associated Leukoencephalopathy and Its Neurological Impact in Pediatric Patients with Lymphoblastic Leukemia. Cancers, 2021, 13, 1939.	1.7	8
24	Virtual brain grafting: Enabling whole brain parcellation in the presence of large lesions. NeuroImage, 2021, 229, 117731.	2.1	33
25	Long term fMRI adaptation depends on adapter response in face-selective cortex. Communications Biology, 2021, 4, 712.	2.0	3
26	Biophysical mechanisms of electroconvulsive therapy-induced volume expansion in the medial temporal lobe: A longitudinal inÂvivo human imaging study. Brain Stimulation, 2021, 14, 1038-1047.	0.7	14
27	Brain network hubs and cognitive performance of survivors of childhood infratentorial tumors. Radiotherapy and Oncology, 2021, 161, 118-125.	0.3	5
28	Neuroinflammation and Its Association with Cognition, Neuronal Markers and Peripheral Inflammation after Chemotherapy for Breast Cancer. Cancers, 2021, 13, 4198.	1.7	27
29	Lower regional gray matter volume in the absence of higher cortical amyloid burden in late-life depression. Scientific Reports, 2021, 11, 15981.	1.6	13
30	Changes in synaptic density in the subacute phase after ischemic stroke: A 11C-UCB-J PET/MR study. Journal of Cerebral Blood Flow and Metabolism, 2021, , 0271678X2110477.	2.4	12
31	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	2.1	94
32	Twelve-Week Yoga vs. Aerobic Cycling Initiation in Sedentary Healthy Subjects: A Behavioral and Multiparametric Interventional PET/MR Study. Frontiers in Psychiatry, 2021, 12, 739356.	1.3	3
33	The Effect of Aging on Brain Glucose Metabolic Connectivity Revealed by [18F]FDG PET-MR and Individual Brain Networks. Frontiers in Aging Neuroscience, 2021, 13, 798410.	1.7	2
34	Longitudinal changes in the brain language system as amyloid accumulates. Alzheimer's and Dementia, 2021, 17, .	0.4	0
35	Tracking the Corticospinal Tract in Patients With High-Grade Glioma: Clinical Evaluation of Multi-Level Fiber Tracking and Comparison to Conventional Deterministic Approaches. Frontiers in Oncology, 2021, 11, 761169.	1.3	6
36	The temporoinsular projection system: an anatomical study. Journal of Neurosurgery, 2020, 132, 615-623.	0.9	12

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37	Multivariate analysis reveals anatomical correlates of naming errors in primary progressive aphasia. Neurobiology of Aging, 2020, 88, 71-82.	1.5	21
38	White matter brain lesions in infantile-onset Pompe disease are not metabolically active using 18F-FDG PET/MR imaging. Neuromuscular Disorders, 2020, 30, 732-733.	0.3	0
39	What Has Neuroimaging Taught Us on the Neurobiology of Yoga? A Review. Frontiers in Integrative Neuroscience, 2020, 14, 34.	1.0	24
40	Prevalence of leukoencephalopathy and its potential cognitive sequelae in cancer patients. Journal of Chemotherapy, 2020, 32, 327-343.	0.7	7
41	Macro- and microstructural changes in cosmonautsâ€™ brains after long-duration spaceflight. Science Advances, 2020, 6, .	4.7	56
42	The role of the PMd in task complexity: functional connectivity is modulated by motor learning and age. Neurobiology of Aging, 2020, 92, 12-27.	1.5	6
43	In vivo synaptic density loss is related to tau deposition in amnestic mild cognitive impairment. Neurology, 2020, 95, e545-e553.	1.5	56
44	Effects of a mindfulnessâ€based intervention on cancerâ€related cognitive impairment: Results of a randomized controlled functional magnetic resonance imaging pilot study. Cancer, 2020, 126, 4246-4255.	2.0	32
45	Baseline sensorimotor GABA levels shape neuroplastic processes induced by motor learning in older adults. Human Brain Mapping, 2020, 41, 3680-3695.	1.9	21
46	Ventral stream hierarchy underlying perceptual organization in adolescents with autism. NeuroImage: Clinical, 2020, 25, 102197.	1.4	4
47	Direct prospective comparison of 18F-FDG PET and arterial spin labelling MR using simultaneous PET/MR in patients referred for diagnosis of dementia. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2142-2154.	3.3	25
48	A mindfulness-based intervention for breast cancer patients with cognitive impairment after chemotherapy: study protocol of a three-group randomized controlled trial. Trials, 2020, 21, 290.	0.7	12
49	White matter characteristics of motor, sensory and interhemispheric tracts underlying impaired upper limb function in children with unilateral cerebral palsy. Brain Structure and Function, 2020, 225, 1495-1509.	1.2	15
50	Long-term Ashtanga yoga practice decreases medial temporal and brainstem glucose metabolism in relation to years of experience. EJNMMI Research, 2020, 10, 50.	1.1	7
51	The mis-wired language network in children with developmental language disorder: insights from DTI tractography. Brain Imaging and Behavior, 2019, 13, 973-984.	1.1	21
52	Sensorimotor cortex neurometabolite levels as correlate of motor performance in normal aging: evidence from a 1H-MRS study. NeuroImage, 2019, 202, 116050.	2.1	22
53	Longâ€term leukoencephalopathy and neurocognitive functioning in childhood sarcoma patients treated with highâ€dose intravenous chemotherapy. Pediatric Blood and Cancer, 2019, 66, e27893.	0.8	14
54	Ageâ€dependent brain volume and neuropsychological changes after chemotherapy in breast cancer patients. Human Brain Mapping, 2019, 40, 4994-5010.	1.9	25

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55	[11C]JNJ54173717, a novel P2X7 receptor radioligand as marker for neuroinflammation: human biodistribution, dosimetry, brain kinetic modelling and quantification of brain P2X7 receptors in patients with Parkinsonâ€™s disease and healthy volunteers. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2051-2064.	3.3	55
56	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
57	Electroconvulsive therapy response in late-life depression unaffected by age-related brain changes. Journal of Affective Disorders, 2019, 251, 114-120.	2.0	13
58	Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke. Scientific Reports, 2019, 9, 19712.	1.6	11
59	Patient MW: transient visual hemi-agnosia. Journal of Neurology, 2019, 266, 691-698.	1.8	4
60	Challenge to Promote Change: The Neural Basis of the Contextual Interference Effect in Young and Older Adults. Journal of Neuroscience, 2018, 38, 3333-3345.	1.7	22
61	Advanced MR diffusion imaging and chemotherapyâ€related changes in cerebral white matter microstructure of survivors of childhood bone and soft tissue sarcoma?. Human Brain Mapping, 2018, 39, 3375-3387.	1.9	23
62	Cerebellar gray matter explains bimanual coordination performance in children and older adults. Neurobiology of Aging, 2018, 65, 109-120.	1.5	18
63	The neural correlates of the unified percept of alcohol-related craving: a fMRI and EEG study. Scientific Reports, 2018, 8, 923.	1.6	59
64	Ageâ€related differences in GABA levels are driven by bulk tissue changes. Human Brain Mapping, 2018, 39, 3652-3662.	1.9	47
65	Anatomy of Subcortical Structures Predicts Age-Related Differences in Skill Acquisition. Cerebral Cortex, 2018, 28, 459-473.	1.6	25
66	Recovery from chemotherapy-induced white matter changes in young breast cancer survivors?. Brain Imaging and Behavior, 2018, 12, 64-77.	1.1	52
67	Tracking posttraumatic hemianopia. Journal of Neurology, 2018, 265, 41-45.	1.8	7
68	Functional magnetic resonance imaging: cerebral function alterations in subthreshold and suprathreshold spinal cord stimulation. Journal of Pain Research, 2018, Volume 11, 2517-2526.	0.8	16
69	Functional connectivity analysis of fMRI data collected from human subjects with chronic tinnitus and varying levels of tinnitus-related distress. Data in Brief, 2018, 21, 779-789.	0.5	16
70	Brain Tissueâ€“Volume Changes in Cosmonauts. New England Journal of Medicine, 2018, 379, 1678-1680.	13.9	88
71	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. PLoS ONE, 2018, 13, e0205693.	1.1	18
72	Functional brain changes in auditory phantom perception evoked by different stimulus frequencies. Neuroscience Letters, 2018, 683, 160-167.	1.0	13

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73	Combining constraint-induced movement therapy and action-observation training in children with unilateral cerebral palsy: a randomized controlled trial. BMC Pediatrics, 2018, 18, 250.	0.7	22
74	Is There Full or Proportional Somatosensory Recovery in the Upper Limb After Stroke? Investigating Behavioral Outcome and Neural Correlates. Neurorehabilitation and Neural Repair, 2018, 32, 691-700.	1.4	20
75	The effect of spaceflight and microgravity on the human brain. Journal of Neurology, 2017, 264, 18-22.	1.8	113
76	Altered functional brain connectivity in patients with visually induced dizziness. NeuroImage: Clinical, 2017, 14, 538-545.	1.4	55
77	Intrinsic functional connectivity reduces after first-time exposure to short-term gravitational alterations induced by parabolic flight. Scientific Reports, 2017, 7, 3061.	1.6	18
78	Spaceflight-induced neuroplasticity in humans as measured by MRI: what do we know so far?. Npj Microgravity, 2017, 3, 2.	1.9	43
79	Corpus callosum macro and microstructure in late-life depression. Journal of Affective Disorders, 2017, 222, 63-70.	2.0	27
80	Proactive Response Inhibition and Subcortical Gray Matter Integrity in Traumatic Brain Injury. Neurorehabilitation and Neural Repair, 2017, 31, 228-239.	1.4	10
81	Convexity-constrained and nonnegativity-constrained spherical factorization in diffusion-weighted imaging. NeuroImage, 2017, 146, 507-517.	2.1	18
82	No Association of Lower Hippocampal Volume With Alzheimerâ€™s Disease Pathology in Late-Life Depression. American Journal of Psychiatry, 2017, 174, 237-245.	4.0	59
83	Regional Gray Matter Volume Loss Is Associated with Gait Impairments in Young Brain-Injured Individuals. Journal of Neurotrauma, 2017, 34, 1022-1034.	1.7	17
84	Brain and Behavior Changes following Exposure Therapy Predict Outcome at 8-Year Follow-Up. Psychotherapy and Psychosomatics, 2016, 85, 238-240.	4.0	4
85	Grey matter volume increase following electroconvulsive therapy in patients with late life depression: a longitudinal MRI study. Journal of Psychiatry and Neuroscience, 2016, 41, 105-114.	1.4	84
86	Resting-State Functional Magnetic Resonance Imaging for Language Preoperative Planning. Frontiers in Human Neuroscience, 2016, 10, 11.	1.0	65
87	Nucleus accumbens and caudate atrophy predicts longer action selection times in young and old adults. Human Brain Mapping, 2016, 37, 4629-4639.	1.9	22
88	Voxel-based lesion-symptom mapping of stroke lesions underlying somatosensory deficits. NeuroImage: Clinical, 2016, 10, 257-266.	1.4	88
89	Simultaneous segmentation and anatomical labeling of the cerebral vasculature. Medical Image Analysis, 2016, 32, 201-215.	7.0	46
90	Alterations in brain white matter contributing to ageâ€related slowing of task switching performance: The role of radial diffusivity and magnetization transfer ratio. Human Brain Mapping, 2016, 37, 4084-4098.	1.9	12

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91	Movement preparation and execution: differential functional activation patterns after traumatic brain injury. Brain, 2016, 139, 2469-2485.	3.7	18
92	Face shape and face identity processing in behavioral variant fronto-temporal dementia: A specific deficit for familiarity and name recognition of famous faces. NeuroImage: Clinical, 2016, 11, 368-377.	1.4	11
93	Testâ€“Retest Reliability and Concurrent Validity of anÂfMRI-Compatible Pneumatic Vibrator to StimulateÂMuscle Proprioceptors. Multisensory Research, 2016, 29, 465-492.	0.6	17
94	Amygdala atrophy affects emotion-related activity in face-responsive regions in frontotemporal degeneration. Cortex, 2016, 82, 179-191.	1.1	34
95	Relationship Between Hippocampal Volume, Serum BDNF, and Depression Severity Following Electroconvulsive Therapy in Late-Life Depression. Neuropsychopharmacology, 2016, 41, 2741-2748.	2.8	87
96	DTI in Diagnosis and Follow-Up of Brain Tumors. , 2016, , 309-330.		1
97	DTI in Clinical Practice: Opportunities and Considerations. , 2016, , 275-290.		1
98	Functional Changes in the Language Network in Response to Increased Amyloid Î² Deposition in Cognitively Intact Older Adults. Cerebral Cortex, 2016, 26, 358-373.	1.6	29
99	Macrostructural and Microstructural Brain Lesions Relate to Gait Pathology in Children With Cerebral Palsy. Neurorehabilitation and Neural Repair, 2016, 30, 817-833.	1.4	17
100	Effects of prenatal exposure to cancer treatment on neurocognitive development, a review. NeuroToxicology, 2016, 54, 11-21.	1.4	6
101	Subcortical Volume Loss in the Thalamus, Putamen, and Pallidum, Induced by Traumatic Brain Injury, Is Associated With Motor Performance Deficits. Neurorehabilitation and Neural Repair, 2016, 30, 603-614.	1.4	39
102	Cortical reorganization in an astronautâ€™s brain after long-duration spaceflight. Brain Structure and Function, 2016, 221, 2873-2876.	1.2	103
103	Classifying Glioblastoma Multiforme Follow-Up Progressive vs. Responsive Forms Using Multi-Parametric MRI Features. Frontiers in Neuroscience, 2016, 10, 615.	1.4	22
104	Adaptation and aftereffects of split-belt walking in cerebellar lesion patients. Journal of Neurophysiology, 2015, 114, 1693-1704.	0.9	27
105	Regional volumes in brain stem and cerebellum are associated with postural impairments in young brainâ€injured patients. Human Brain Mapping, 2015, 36, 4897-4909.	1.9	31
106	Tumour Relapse Prediction Using Multiparametric MR Data Recorded during Follow-Up of GBM Patients. BioMed Research International, 2015, 2015, 1-13.	0.9	6
107	Age-related microstructural differences quantified using myelin water imaging and advanced diffusion MRI. Neurobiology of Aging, 2015, 36, 2107-2121.	1.5	183
108	Training-induced improvements in postural control are accompanied by alterations in cerebellar white matter in brain injured patients. NeuroImage: Clinical, 2015, 7, 240-251.	1.4	50

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109	Correspondence between largeâ€scale ictal and interictal epileptic networks revealed by single photon emission computed tomography (SPECT) and electroencephalography (EEG)â€"functional magnetic resonance imaging (fMRI). Epilepsia, 2015, 56, 382-392.	2.6	32
110	Toward new sensitive measures to evaluate gait stability in focal cerebellar lesion patients. Gait and Posture, 2015, 41, 592-596.	0.6	35
111	Impaired recognition of body expressions in the behavioral variant of frontotemporal dementia. Neuropsychologia, 2015, 75, 496-504.	0.7	47
112	Functional brain changes underlying irritability in premanifest <scp>H</scp>untington's disease. Human Brain Mapping, 2015, 36, 2681-2690.	1.9	30
113	Clinical BOLD fMRI and DTI: Artifacts, Tips, and Tricks. Medical Radiology, 2015, , 313-336.	0.0	2
114	3D Shape Perception in Posterior Cortical Atrophy: A Visual Neuroscience Perspective. Journal of Neuroscience, 2015, 35, 12673-12692.	1.7	27
115	Global tractography of multi-shell diffusion-weighted imaging data using a multi-tissue model. NeuroImage, 2015, 123, 89-101.	2.1	128
116	Functional Organization of the Action Observation Network in Autism: A Graph Theory Approach. PLoS ONE, 2015, 10, e0137020.	1.1	31
117	Reproducibility and Robustness of Graph Measures of the Associative-Semantic Network. PLoS ONE, 2014, 9, e115215.	1.1	10
118	Longitudinal Assessment of Chemotherapy-Induced Alterations in Brain Activation During Multitasking and Its Relation With Cognitive Complaints. Journal of Clinical Oncology, 2014, 32, 2031-2038.	0.8	66
119	Structural and functional underconnectivity as a negative predictor for language in autism. Human Brain Mapping, 2014, 35, 3602-3615.	1.9	55
120	Sensitivity and Specificity of Interictal EEG-fMRI for Detecting the Ictal Onset Zone at Different Statistical Thresholds. Frontiers in Neurology, 2014, 5, 131.	1.1	16
121	Characterizing the microstructural basis of â€œunidentified bright objectsâ€•in neurofibromatosis type 1: A combined in vivo multicomponent T2 relaxation and multi-shell diffusion MRI analysis. NeuroImage: Clinical, 2014, 4, 649-658.	1.4	92
122	The dynamics of contour integration: A simultaneous EEGâ€"fMRI study. NeuroImage, 2014, 88, 10-21.	2.1	31
123	Subcortical volume analysis in traumatic brain injury: The importance of the fronto-striato-thalamic circuit in task switching. Cortex, 2014, 51, 67-81.	1.1	62
124	A diffusion tensor imaging family study of the fornix in schizophrenia. Schizophrenia Research, 2014, 159, 435-440.	1.1	12
125	Noun and knowledge retrieval for biological and non-biological entities following right occipitotemporal lesions. Neuropsychologia, 2014, 62, 163-174.	0.7	9
126	Altered functional connectivity of the language network in ASD: Role of classical language areas and cerebellum. NeuroImage: Clinical, 2014, 4, 374-382.	1.4	139

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127	Track Orientation Density Imaging (TODI) and Track Orientation Distribution (TOD) based tractography. NeuroImage, 2014, 94, 312-336.	2.1	37
128	Microstructural Integrity of the Superior Cerebellar Peduncle Is Associated with an Impaired Proprioceptive Weighting Capacity in Individuals with Non-Specific Low Back Pain. PLoS ONE, 2014, 9, e100666.	1.1	32
129	A crucial role for the cortico-striato-cortical loop in the pathogenesis of stroke-related neurogenic stuttering. Human Brain Mapping, 2013, 34, 2103-2112.	1.9	39
130	Spinal cord stimulation modulates cerebral neurobiology: a proton magnetic resonance spectroscopy study. Neuroradiology, 2013, 55, 1039-1047.	1.1	21
131	Diffusion tensor MRI of chemotherapy-induced cognitive impairment in non-CNS cancer patients: a review. Brain Imaging and Behavior, 2013, 7, 409-435.	1.1	93
132	The associative-semantic network for words and pictures: Effective connectivity and graph analysis. Brain and Language, 2013, 127, 264-272.	0.8	40
133	The functional neuroanatomy of multitasking: Combining dual tasking with a short term memory task. Neuropsychologia, 2013, 51, 2251-2260.	0.7	42
134	Does the use of hormonal contraceptives cause microstructural changes in cerebral white matter? Preliminary results of a DTI and tractography study. European Radiology, 2013, 23, 57-64.	2.3	54
135	Single trial <scp>ERP</scp> reading based on parallel factor analysis. Psychophysiology, 2013, 50, 97-110.	1.2	26
136	Weighted linear least squares estimation of diffusion MRI parameters: Strengths, limitations, and pitfalls. NeuroImage, 2013, 81, 335-346.	2.1	407
137	White matter differences in euthymic bipolar I disorder: a combined magnetic resonance imaging and diffusion tensor imaging voxelâ€based study. Bipolar Disorders, 2013, 15, 365-376.	1.1	50
138	Limbic and Callosal White Matter Changes in Euthymic Bipolar I Disorder: An Advanced Diffusion Magnetic Resonance Imaging Tractography Study. Biological Psychiatry, 2013, 73, 194-201.	0.7	116
139	Does somatosensory discrimination activate different brain areas in children with unilateral cerebral palsy compared to typically developing children? An fMRI study. Research in Developmental Disabilities, 2013, 34, 1710-1720.	1.2	18
140	Accelerated Aging, Decreased White Matter Integrity, and Associated Neuropsychological Dysfunction 25 Years After Pediatric Lymphoid Malignancies. Journal of Clinical Oncology, 2013, 31, 3378-3388.	0.8	105
141	Anatomical Labeling of the Circle of Willis Using Maximum A Posteriori Graph Matching. Lecture Notes in Computer Science, 2013, 16, 566-573.	1.0	5
142	Is There a Common Neuroanatomical Substrate of Language Deficit between Autism Spectrum Disorder and Specific Language Impairment?. Cerebral Cortex, 2012, 22, 2263-2271.	1.6	69
143	Longitudinal Assessment of Chemotherapy-Induced Structural Changes in Cerebral White Matter and Its Correlation With Impaired Cognitive Functioning. Journal of Clinical Oncology, 2012, 30, 274-281.	0.8	334
144	Graph analysis of functional brain networks for cognitive control of action in traumatic brain injury. Brain, 2012, 135, 1293-1307.	3.7	117

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145	Dorsolateral Prefrontal Cortex Transcranial Magnetic Stimulation and Electrode Implant for Intractable Tinnitus. World Neurosurgery, 2012, 77, 778-784.	0.7	40
146	The â€œwhyâ€•and â€œhowâ€•of JointICA: Results from a visual detection task. NeuroImage, 2012, 60, 1171-1185.	2.1	42
147	Frontoparietal involvement in passively guided shape and length discrimination: a comparison between subcortical stroke patients and healthy controls. Experimental Brain Research, 2012, 220, 179-189.	0.7	26
148	Integrity of the inferior longitudinal fasciculus and impaired object recognition in children: a diffusion tensor imaging study. Developmental Medicine and Child Neurology, 2012, 54, 38-43.	1.1	112
149	Theta-gamma dysrhythmia and auditory phantom perception. Journal of Neurosurgery, 2011, 114, 912-921.	0.9	94
150	Bimanual Coordination and Corpus Callosum Microstructure in Young Adults with Traumatic Brain Injury: A Diffusion Tensor Imaging Study. Journal of Neurotrauma, 2011, 28, 897-913.	1.7	58
151	The effect of template selection on diffusion tensor voxel-based analysis results. NeuroImage, 2011, 55, 566-573.	2.1	57
152	Transient alcohol craving suppression by rTMS of dorsal anterior cingulate: An fMRI and LORETA EEG study. Neuroscience Letters, 2011, 496, 5-10.	1.0	143
153	Central Effects of Occipital Nerve Electrical Stimulation Studied by Functional Magnetic Resonance Imaging. Neuromodulation, 2011, 14, 46-57.	0.4	37
154	Chemotherapyâ€induced structural changes in cerebral white matter and its correlation with impaired cognitive functioning in breast cancer patients. Human Brain Mapping, 2011, 32, 480-493.	1.9	228
155	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. Brain, 2011, 134, 1694-1709.	3.7	122
156	Transcranial magnetic stimulation and extradural electrodes implanted on secondary auditory cortex for tinnitus suppression. Journal of Neurosurgery, 2011, 114, 903-911.	0.9	92
157	Correlations Between White Matter Integrity and Motor Function in Traumatic Brain Injury Patients. Neurorehabilitation and Neural Repair, 2011, 25, 492-502.	1.4	55
158	Upper and extra-motoneuron involvement in early motoneuron disease: a diffusion tensor imaging study. Brain, 2011, 134, 1211-1228.	3.7	135
159	The Clinical Applicability of fMRI and DTI in Patients with Brain Tumors. , 2011, , 49-71.		0
160	Construction of a stereotaxic DTI atlas with full diffusion tensor information for studying white matter maturation from childhood to adolescence using tractographyâ€based segmentations. Human Brain Mapping, 2010, 31, 470-486.	1.9	81
161	Brainâ€behavior relationships in young traumatic brain injury patients: DTI metrics are highly correlated with postural control. Human Brain Mapping, 2010, 31, 992-1002.	1.9	87
162	Neuroimaging of autism. Neuroradiology, 2010, 52, 3-14.	1.1	140

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163	Hippocampal malrotation in pediatric patients with epilepsy associated with complex prefrontal dysfunction. Epilepsia, 2010, 51, 546-555.	2.6	23
164	Gesture Discrimination in Primary Progressive Aphasia: The Intersection between Gesture and Language Processing Pathways. Journal of Neuroscience, 2010, 30, 6334-6341.	1.7	68
165	Distributed task coding throughout the multiple demand network of the human frontalâ€“insular cortex. NeuroImage, 2010, 52, 252-262.	2.1	46
166	Removal of BCG artifacts from EEG recordings inside the MR scanner: A comparison of methodological and validation-related aspects. NeuroImage, 2010, 50, 920-934.	2.1	85
167	Anterior Cruciate Ligament Deficiency Causes Brain Plasticity. American Journal of Sports Medicine, 2009, 37, 2419-2426.	1.9	164
168	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis: Revisited. Human Brain Mapping, 2009, 30, 3657-3675.	1.9	122
169	Dual Tensor Atlas Generation Based on a Cohort of Coregistered non-HARDI Datasets. Lecture Notes in Computer Science, 2009, 12, 869-876.	1.0	4
170	The use of SPECT and PET in routine clinical practice in epilepsy. Current Opinion in Neurology, 2007, 20, 194-202.	1.8	129
171	Quantitative diffusion tensor imaging in amyotrophic lateral sclerosis. NeuroImage, 2007, 34, 486-499.	2.1	192
172	Lower Limb Sensorimotor Network: Issues of Somatotopy and Overlap. Cortex, 2007, 43, 219-232.	1.1	89
173	Amygdala Hyperfunction in Phobic Fear Normalizes After Exposure. Biological Psychiatry, 2007, 62, 1119-1125.	0.7	129
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