Mara Cercignani

List of Publications by Year
in descending order

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Version: 2024-02-01

168 papers	9,709 citations	41627 51 h-index	51423 90 g-index
175 all docs	175 docs citations	175 times ranked	14921 citing authors

#	Article	IF	Citations
1	Aberrant Cerebello-Cerebral Connectivity in Remitted Bipolar Patients 1 and 2: New Insight into Understanding the Cerebellar Role in Mania and Hypomania. Cerebellum, 2022, 21, 647-656.	1.4	12
2	Diffusion-weighted MR spectroscopy (DW-MRS) is sensitive to LPS-induced changes in human glial morphometry: A preliminary study. Brain, Behavior, and Immunity, 2022, 99, 256-265.	2.0	11
3	An interactive meta-analysis of MRI biomarkers of myelin. , 2022, 1, 4.		1
4	Interferon and anti-TNF therapies differentially modulate amygdala reactivity which predicts associated bidirectional changes in depressive symptoms. Molecular Psychiatry, 2021, 26, 5150-5160.	4.1	26
5	Comparing multiband and singleband EPI in NODDI at 3ÂT: what are the implications for reproducibility and study sample sizes?. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 499-511.	1.1	9
6	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
7	Lesion distribution and substrate of white matter damage in myotonic dystrophy type 1: Comparison with multiple sclerosis. NeuroImage: Clinical, 2021, 29, 102562.	1.4	9
8	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. NeuroImage: Clinical, 2021, 30, 102587.	1.4	26
9	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1140-1149.	3.1	14
10	Cognitive fatigue in multiple sclerosis is associated with alterations in the functional connectivity of monoamine circuits. Brain Communications, 2021, 3, fcab023.	1.5	20
11	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	3.1	40
12	Focal seizures with impaired awareness as long-term neurological complication of COVID-19: a case report. Neurological Sciences, 2021, 42, 2619-2623.	0.9	12
13	The distinct roles of monoamines in multiple sclerosis: A bridge between the immune and nervous systems?. Brain, Behavior, and Immunity, 2021, 94, 381-391.	2.0	22
14	Ventral Tegmental Area Disconnection Contributes Two Years Early to Correctly Classify Patients Converted to Alzheimerâ€™s Disease: Implications for Treatment. Journal of Alzheimer's Disease, 2021, 82, 985-1000.	1.2	16
15	Dissecting whole-brain conduction delays through MRI microstructural measures. Brain Structure and Function, 2021, 226, 2651-2663.	1.2	6
16	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. Molecular Psychiatry, 2021, 26, 7346-7354.	4.1	32
17	Social cognition in type 1 myotonic dystrophy â€“ A mini review. Cortex, 2021, 142, 389-399.	1.1	3
18	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 56, 103224.	0.9	4

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19	Shifting uncertainty intolerance: methylphenidate and attention-deficit hyperactivity disorder. Translational Psychiatry, 2021, 11, 12.	2.4	9
20	Voxelâ€based morphometry and resting state fMRI as predictors of neuropsychiatric symptoms in Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e037776.	0.4	2
21	Evolution of white matter damage in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2020, 7, 722-732.	1.7	16
22	Changes in functional connectivity in people with HIV switching antiretroviral therapy. Journal of NeuroVirology, 2020, 26, 754-763.	1.0	9
23	Unravelling the effects of methylphenidate on the dopaminergic and noradrenergic functional circuits. Neuropsychopharmacology, 2020, 45, 1482-1489.	2.8	17
24	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	4.0	120
25	Behavioral psychological symptoms of dementia and functional connectivity changes: a network-based study. Neurobiology of Aging, 2020, 94, 196-206.	1.5	9
26	Reply to: Early white matter changes on diffusion tensor imaging in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2020, 7, 1266-1267.	1.7	0
27	Cerebellar White Matter Disruption in Alzheimerâ€™s Disease Patients: A Diffusion Tensor Imaging Study. Journal of Alzheimer's Disease, 2020, 74, 615-624.	1.2	21
28	Cerebellar dentate nucleus functional connectivity with cerebral cortex in Alzheimer's disease and memory: a seed-based approach. Neurobiology of Aging, 2020, 89, 32-40.	1.5	38
29	Ventral tegmental area dysfunction affects decision-making in patients with myotonic dystrophy type-1. Cortex, 2020, 128, 192-202.	1.1	7
30	An interactive meta-analysis of MRI biomarkers of myelin. ELife, 2020, 9, .	2.8	99
31	Non-linear spelling in writing after a pure cerebellar lesion.. Neuropsychologia, 2019, 132, 107143.	0.7	5
32	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. Brain, 2019, 142, 3243-3264.	3.7	156
33	Comparison between a pure functional connectivity and a mixed functional-topological model in functional connectivity. An application on parahippocampal gyrus-anterior division data. Biomedical Signal Processing and Control, 2019, 54, 101570.	3.5	1
34	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	4.0	261
35	Thalamocortical disconnection affects the somatic marker and social cognition: a case report. Neurocase, 2019, 25, 1-9.	0.2	3
36	Neurite orientation and dispersion density imaging (NODDI) detects cortical and corticospinal tract degeneration in ALS. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 404-411.	0.9	70

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37	From microâ€•to macroâ€structures in multiple sclerosis: what is the added value of diffusion imaging. NMR in Biomedicine, 2019, 32, e3888.	1.6	31
38	Whole brain white matter histogram analysis of diffusion tensor imaging data detects microstructural damage in mild cognitive impairment and alzheimer's disease patients. Journal of Magnetic Resonance Imaging, 2018, 48, 767-779.	1.9	30
39	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. NeuroImage, 2018, 169, 302-311.	2.1	234
40	Reproducibility of shear wave elastography measuresof the Achilles tendon. Skeletal Radiology, 2018, 47, 779-784.	1.2	42
41	Epileptic Seizures are Reduced by Autonomic Biofeedback Therapy Through Enhancement of Fronto-limbic Connectivity: A Controlled Trial and Neuroimaging Study. EBioMedicine, 2018, 27, 112-122.	2.7	30
42	Quantitative Magnetization Transfer of White Matter Tracts Correlates with Diffusion Tensor Imaging Indices in Predicting the Conversion from Mild Cognitive Impairment to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 63, 561-575.	1.2	7
43	A neurocomputational account of reward and novelty processing and effects of psychostimulants in attention deficit hyperactivity disorder. Brain, 2018, 141, 1545-1557.	3.7	22
44	Binge drinking differentially affects cortical and subcortical microstructure. Addiction Biology, 2018, 23, 403-411.	1.4	28
45	Lobular patterns of cerebellar restingâ€state connectivity in adults with Autism Spectrum Disorder. European Journal of Neuroscience, 2018, 47, 729-735.	1.2	42
46	An optimized framework for quantitative magnetization transfer imaging of the cervical spinal cord in vivo. Magnetic Resonance in Medicine, 2018, 79, 2576-2588.	1.9	15
47	Introducing axonal myelination in connectomics: A preliminary analysis of g-ratio distribution in healthy subjects. NeuroImage, 2018, 182, 351-359.	2.1	32
48	Brain microstructure by multi-modal MRI: Is the whole greater than the sum of its parts?. NeuroImage, 2018, 182, 117-127.	2.1	51
49	Exploring resting-state functional connectivity invariants across the lifespan in healthy people by means of a recently proposed graph theoretical model. PLoS ONE, 2018, 13, e0206567.	1.1	11
50	Emerging Magnetic Resonance Imaging Techniques and Analysis Methods in Amyotrophic Lateral Sclerosis. Frontiers in Neurology, 2018, 9, 1065.	1.1	26
51	Patterns of Cerebellar Gray Matter Atrophy Across Alzheimerâ€™s Disease Progression. Frontiers in Cellular Neuroscience, 2018, 12, 430.	1.8	48
52	Network Models in Neuroimaging: A Survey of Multimodal Applications. Fundamenta Informaticae, 2018, 163, 63-91.	0.3	1
53	Evidence of Cerebellar Involvement in the Onset of a Manic State. Frontiers in Neurology, 2018, 9, 774.	1.1	35
54	Disruption of neurite morphology parallels MS progression. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e502.	3.1	43

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55	The cerebellar topography of attention sub-components in spinocerebellar ataxia type 2. Cortex, 2018, 108, 35-49.	1.1	14
56	Gadolinium Tagged Osteoprotegerin-Mimicking Peptide: A Novel Magnetic Resonance Imaging Biospecific Contrast Agent for the Inhibition of Osteoclastogenesis and Osteoclast Activity. Nanomaterials, 2018, 8, 399.	1.9	3
57	InÂvivo mapping of brainstem nuclei functional connectivity disruption in Alzheimer's disease. Neurobiology of Aging, 2018, 72, 72-82.	1.5	58
58	Fear processing is differentially affected by lateralized stimulation of carotid baroreceptors. Cortex, 2018, 99, 200-212.	1.1	17
59	Altered white matter integrity in whole brain and segments of corpus callosum, in young social drinkers with binge drinking pattern. Addiction Biology, 2017, 22, 490-501.	1.4	39
60	Resting-State Functional Connectivity Changes Between Dentate Nucleus and Cortical Social Brain Regions in Autism Spectrum Disorders. Cerebellum, 2017, 16, 283-292.	1.4	84
61	Deficits in Neurite Density Underlie White Matter Structure Abnormalities in First-Episode Psychosis. Biological Psychiatry, 2017, 82, 716-725.	0.7	59
62	Poor reproducibility of compression elastography in the Achilles tendon: same day and consecutive day measurements. Skeletal Radiology, 2017, 46, 889-895.	1.2	16
63	Memory is Not Enough: The Neurobiological Substrates of Dynamic Cognitive Reserve. Journal of Alzheimer's Disease, 2017, 58, 171-184.	1.2	17
64	Magnetization transfer imaging identifies basal ganglia abnormalities in adult ADHD that are invisible to conventional T1 weighted voxel-based morphometry. NeuroImage: Clinical, 2017, 15, 8-14.	1.4	13
65	Theta Burst Stimulation of the Precuneus Modulates Resting State Connectivity in the Left Temporal Pole. Brain Topography, 2017, 30, 312-319.	0.8	24
66	Damage to the Frontal Aslant Tract Accounts for Visuo-Constructive Deficits in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 60, 1015-1024.	1.2	13
67	[P4â€“527]: NEURAL CORRELATES OF ACTIVITIES OF DAILY LIVING IN ALZHEIMER'S DISEASE AND MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2017, 13, P1550.	0.4	0
68	Characterizing axonal myelination within the healthy population: a tract-by-tract mapping of effects of age and gender on the fiber g-ratio. Neurobiology of Aging, 2017, 49, 109-118.	1.5	66
69	[P4â€“250]: NEURAL CORRELATES OF COGNITIVE AND FUNCTIONAL IMPAIRMENT IN ALZHEIMER'S DISEASE: A COMMUNITY MEMORY CLINIC COHORT. Alzheimer's and Dementia, 2017, 13, P1374.	0.4	2
70	[ICâ€Pâ€101]: NEURAL CORRELATES OF COGNITIVE AND FUNCTIONAL DECLINE IN ALZHEIMER'S DISEASE: A COMMUNITY MEMORY CLINIC COHORT. Alzheimer's and Dementia, 2017, 13, P78.	0.4	0
71	A Pilot Study on Brain Plasticity of Functional Connectivity Modulated by Cognitive Training in Mild Alzheimerâ€™s Disease and Mild Cognitive Impairment. Brain Sciences, 2017, 7, 50.	1.1	37
72	Comparing resting state fMRI de-noising approaches using multi- and single-echo acquisitions. PLoS ONE, 2017, 12, e0173289.	1.1	79

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73	Bilateral effects of unilateral cerebellar lesions as detected by voxel based morphometry and diffusion imaging. PLoS ONE, 2017, 12, e0180439.	1.1	9
74	A Randomised Controlled Trial of Efficacy of Cognitive Rehabilitation in Multiple Sclerosis: A Cognitive, Behavioural, and MRI Study. Neural Plasticity, 2016, 2016, 1-9.	1.0	57
75	Brain Connectomicsâ€™ Modification to Clarify Motor and Nonmotor Features of Myotonic Dystrophy Type 1. Neural Plasticity, 2016, 2016, 1-10.	1.0	28
76	Network functional connectivity and whole-brain functional connectomics to investigate cognitive decline in neurodegenerative conditions. Functional Neurology, 2016, 31, 191-203.	1.3	26
77	Amygdala functional connectivity as a longitudinal biomarker of symptom changes in generalized anxiety. Social Cognitive and Affective Neuroscience, 2016, 11, 1719-1728.	1.5	45
78	Different Patterns of Correlation betweenÂGrey and White Matter Integrity Account for Behavioral and Psychological Symptoms in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 50, 591-604.	1.2	15
79	Longitudinal Changes in Functional Brain Connectivity Predicts Conversion to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 51, 377-389.	1.2	51
80	Interferon-Î± acutely impairs whole-brain functional connectivity network architecture â€“ A preliminary study. Brain, Behavior, and Immunity, 2016, 58, 31-39.	2.0	42
81	Network attack simulations in Alzheimer's disease: The link between network tolerance and neurodegeneration. , 2016, , .		10
82	Network-Based Substrate of Cognitive Reserve in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 421-430.	1.2	50
83	Estimating multimodal brain connectivity in multiple sclerosis: An exploratory factor analysis. , 2016, 2016, 1131-1134.		2
84	CORRELATION ANALYSIS OF NEURITE ORIENTATION DISPERSION & DENSITY IMAGING IN MND. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, e1.83-e1.	0.9	0
85	Quantitative MRI to understand Alzheimer's disease pathophysiology. Current Opinion in Neurology, 2016, 29, 437-444.	1.8	37
86	A feasibility study exploring the role of pre-operative assessment when examining the mechanism of â€˜chemo-brainâ€™ in breast cancer patients. SpringerPlus, 2016, 5, 390.	1.2	24
87	White matter tract abnormalities are associated with cognitive dysfunction in secondary progressive multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1429-1437.	1.4	30
88	Acute Changes in Striatal Microstructure Predict the Development of Interferon-Alpha Induced Fatigue. Biological Psychiatry, 2016, 79, 320-328.	0.7	60
89	A Neurocomputational Account of How Inflammation Enhances Sensitivity to Punishments Versus Rewards. Biological Psychiatry, 2016, 80, 73-81.	0.7	137
90	Impact of cerebellar atrophy on cortical gray matter and cerebellar peduncles as assessed by voxel-based morphometry and high angular resolution diffusion imaging. Functional Neurology, 2016, 31, 239-248.	1.3	17

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91	â€œI Know that You Know that I Knowâ€• Neural Substrates Associated with Social Cognition Deficits in DM1 Patients. PLoS ONE, 2016, 11, e0156901.	1.1	50
92	Brain Connectivity Changes in Autosomal Recessive Parkinson Disease: A Model for the Sporadic Form. PLoS ONE, 2016, 11, e0163980.	1.1	10
93	In vivo quantitative magnetization transfer imaging correlates with histology during deâ€•and remyelination in cuprizoneâ€treated mice. NMR in Biomedicine, 2015, 28, 327-337.	1.6	71
94	Cognitive reserve and the risk for Alzheimer's disease: a longitudinal study. Neurobiology of Aging, 2015, 36, 592-600.	1.5	38
95	Effect of Parasympathetic Stimulation on Brain Activity During Appraisal of Fearful Expressions. Neuropsychopharmacology, 2015, 40, 1649-1658.	2.8	37
96	Functional Anatomy of the Thalamus as a Model of Integrated Structural and Functional Connectivity of the Human Brain In Vivo. Brain Topography, 2015, 28, 548-558.	0.8	14
97	The Impact of Cognitive Reserve on Brain Functional Connectivity in Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 44, 243-250.	1.2	100
98	Quantitative Magnetization Transfer Imaging as a Biomarker for Effects of Systemic Inflammation on the Brain. Biological Psychiatry, 2015, 78, 49-57.	0.7	105
99	Gaussian process classification of Alzheimer's disease and mild cognitive impairment from resting-state fMRI. NeuroImage, 2015, 112, 232-243.	2.1	152
100	Effects of Inflammation on Hippocampus and Substantia Nigra Responses to Novelty in Healthy Human Participants. Neuropsychopharmacology, 2015, 40, 831-838.	2.8	77
101	Strategic Lesions in the Anterior Thalamic Radiation and Apathy in Early Alzheimer's Disease. PLoS ONE, 2015, 10, e0124998.	1.1	47
102	How genetics affects the brain to produce higher-level dysfunctions in myotonic dystrophy type 1. Functional Neurology, 2015, 30, 21-31.	1.3	27
103	Magnetization Transfer. , 2014, , 164-180.		2
104	Network Based Statistical Analysis Detects Changes Induced by Continuous Theta-Burst Stimulation on Brain Activity at Rest. Frontiers in Psychiatry, 2014, 5, 97.	1.3	22
105	Abnormal Functional Brain Connectivity and Personality Traits in Myotonic Dystrophy Type 1. JAMA Neurology, 2014, 71, 603.	4.5	62
106	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
107	A novel approach with â€œskeletonised MTRâ€•measures tractâ€specific microstructural changes in early primaryâ€progressive MS. Human Brain Mapping, 2014, 35, 723-733.	1.9	12
108	HLA-DRB1*15 influences the development of brain tissue damage in early PPMS. Neurology, 2014, 83, 1712-1718.	1.5	18

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109	Widespread Alterations in Functional Brain Network Architecture in Amnestic Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2014, 40, 213-220.	1.2	35
110	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
111	Brain tissue modifications induced by cholinergic therapy in Alzheimer's disease. Human Brain Mapping, 2013, 34, 3158-3167.	1.9	14
112	Detection of scale-freeness in brain connectivity by functional MRI: Signal processing aspects and implementation of an open hardware co-processor. Medical Engineering and Physics, 2013, 35, 1525-1531.	0.8	9
113	Rapid geodesic mapping of brain functional connectivity: Implementation of a dedicated co-processor in a field-programmable gate array (FPGA) and application to resting state functional MRI. Medical Engineering and Physics, 2013, 35, 1532-1539.	0.8	4
114	Multiple Sclerosis: White and Gray Matter Damage Associated with Balance Deficit Detected at Static Posturography. Radiology, 2013, 268, 181-189.	3.6	76
115	Mild Cognitive Impairment: Same Identity for Different Entities. Journal of Alzheimer's Disease, 2013, 33, 1157-1165.	1.2	39
116	Connectivity-Based Parcellation of the Thalamus Explains Specific Cognitive and Behavioural Symptoms in Patients with Bilateral Thalamic Infarct. PLoS ONE, 2013, 8, e64578.	1.1	19
117	Association between a Genetic Variant of Type-1 Cannabinoid Receptor and Inflammatory Neurodegeneration in Multiple Sclerosis. PLoS ONE, 2013, 8, e82848.	1.1	21
118	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
119	Cognitive Reserve in Granulin-Related Frontotemporal Dementia: from Preclinical to Clinical Stages. PLoS ONE, 2013, 8, e74762.	1.1	27
120	Structural Brain Signature of FTLD Driven by Granulin Mutation. Journal of Alzheimer's Disease, 2012, 33, 483-494.	1.2	12
121	Granulin mutation drives brain damage and reorganization from preclinical to symptomatic FTLD. Neurobiology of Aging, 2012, 33, 2506-2520.	1.5	101
122	Learning about Time: Plastic Changes and Interindividual Brain Differences. Neuron, 2012, 75, 725-737.	3.8	69
123	Quantitative magnetization transfer provides information complementary to grey matter atrophy in Alzheimer's disease brains. NeuroImage, 2012, 59, 1114-1122.	2.1	58
124	Groupâ€averaged anatomical connectivity mapping for improved human white matter pathway visualisation. NMR in Biomedicine, 2012, 25, 1224-1233.	1.6	19
125	Damage to the cingulum contributes to alzheimer's disease pathophysiology by deafferentation mechanism. Human Brain Mapping, 2012, 33, 1295-1308.	1.9	91
126	Microstructural Damage of the Posterior Corpus Callosum Contributes to the Clinical Severity of Neglect. PLoS ONE, 2012, 7, e48079.	1.1	50

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127	fMRI Resting Slow Fluctuations Correlate with the Activity of Fast Cortico-Cortical Physiological Connections. PLoS ONE, 2012, 7, e52660.	1.1	10
128	A new approach to structural integrity assessment based on axial and radial diffusivities. Functional Neurology, 2012, 27, 85-90.	1.3	20
129	White matter integrity assessed by diffusion tensor tractography in a patient with a large tumor mass but minimal clinical and neuropsychological deficits. Functional Neurology, 2012, 27, 239-46.	1.3	2
130	Neuroanatomical Correlates of Cognitive Reserve in Alzheimer Disease. Rejuvenation Research, 2011, 14, 143-151.	0.9	62
131	Anatomical connectivity mapping: A new tool to assess brain disconnection in Alzheimer's disease. NeuroImage, 2011, 54, 2045-2051.	2.1	73
132	Asymmetry of Parietal Interhemispheric Connections in Humans. Journal of Neuroscience, 2011, 31, 8967-8975.	1.7	122
133	Grey and White Matter Changes at Different Stages of Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 19, 147-159.	1.2	135
134	Are the Behavioral Symptoms of Alzheimer's Disease Directly Associated with Neurodegeneration?. Journal of Alzheimer's Disease, 2010, 21, 627-639.	1.2	95
135	Twentyâ€five pitfalls in the analysis of diffusion MRI data. NMR in Biomedicine, 2010, 23, 803-820.	1.6	717
136	Multiparametric MR investigation of the motor pyramidal system in patients with â€˜truly benignâ€™ multiple sclerosis. Multiple Sclerosis Journal, 2010, 16, 178-188.	1.4	12
137	Recollection and familiarity in amnesic mild cognitive impairment.. Neuropsychology, 2010, 24, 316-326.	1.0	60
138	Clinically Isolated Syndrome Suggestive of Multiple Sclerosis: Voxelwise Regional Investigation of White and Gray Matter. Radiology, 2010, 254, 227-234.	3.6	74
139	Gray- and White-Matter Changes 1 Year after First Clinical Episode of Multiple Sclerosis: MR Imaging. Radiology, 2010, 257, 448-454.	3.6	74
140	In vivo definition of parieto-motor connections involved in planning of grasping movements. NeuroImage, 2010, 51, 300-312.	2.1	123
141	Brain pathology in first-episode psychosis: Magnetization transfer imaging provides additional information to MRI measurements of volume loss. NeuroImage, 2010, 49, 185-192.	2.1	48
142	A diffusion tensor MRI study of patients with MCI and AD with a 2-year clinical follow-up. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 798-805.	0.9	84
143	Strategies for Patientâ€“Control Comparison of Diffusion MR Data. , 2010, , 485-499.		13
144	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

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145	About â€œaxialâ€•and â€œradialâ€•diffusivities. Magnetic Resonance in Medicine, 2009, 61, 1255-1260.	1.9	777
146	A highly sensitive radial diffusion measurement method for white matter tract investigation. Magnetic Resonance Imaging, 2009, 27, 519-530.	1.0	2
147	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
148	A comparison between equations describing in vivo MT: The effects of noise and sequence parameters. Journal of Magnetic Resonance, 2008, 191, 171-183.	1.2	36
149	White matter abnormalities in bipolar disorder: a voxelâ€based diffusion tensor imaging study. Bipolar Disorders, 2008, 10, 460-468.	1.1	134
150	White matter tracts in first-episode psychosis: A DTI tractography study of the uncinate fasciculus. NeuroImage, 2008, 39, 949-955.	2.1	114
151	Magnetization Transfer Ratio in Gray Matter. Archives of Neurology, 2008, 65, 1454.	4.9	59
152	Abnormal brain connectivity in first-episode psychosis: A diffusion MRI tractography study of the corpus callosum. NeuroImage, 2007, 35, 458-466.	2.1	111
153	3D MTR measurement: From 1.5 T to 3.0 T. NeuroImage, 2006, 31, 181-186.	2.1	19
154	A Magnetization Transfer Imaging Study in Patients with Temporal Lobe Epilepsy and Interictal Psychosis. Biological Psychiatry, 2006, 59, 560-567.	0.7	30
155	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
156	Diffusion Tensor Imaging Findings and Their Correlation with Neuropsychological Deficits in Patients with Temporal Lobe Epilepsy and Interictal Psychosis. Epilepsia, 2006, 47, 941-944.	2.6	43
157	A neuropsychological study of patients with temporal lobe epilepsy and chronic interictal psychosis. Epilepsy Research, 2006, 71, 117-128.	0.8	22
158	Optimal acquisition schemes for in vivo quantitative magnetization transfer MRI. Magnetic Resonance in Medicine, 2006, 56, 803-810.	1.9	92
159	Regional Gray Matter Atrophy in Early Primary Progressive Multiple Sclerosis. Archives of Neurology, 2006, 63, 1175.	4.9	157
160	Grey and white matter volume changes in early primary progressive multiple sclerosis: a longitudinal study. Brain, 2005, 128, 1454-1460.	3.7	135
161	The effect of filter size on VBM analyses of DT-MRI data. NeuroImage, 2005, 26, 546-554.	2.1	549
162	Three-dimensional quantitative magnetisation transfer imaging of the human brain. NeuroImage, 2005, 27, 436-441.	2.1	62

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163	Age-related Changes in Conventional, Magnetization Transfer, and Diffusion-Tensor MR Imaging Findings: Study with Whole-Brain Tissue Histogram Analysis1ÂÂ. Radiology, 2003, 227, 731-738.	3.6	134
164	Inter-sequence and inter-imaging unit variability of diffusion tensor MR imaging histogram-derived metrics of the brain in healthy volunteers. American Journal of Neuroradiology, 2003, 24, 638-43.	1.2	69
165	Sensitivity-encoded diffusion tensor MR imaging of the cervical cord. American Journal of Neuroradiology, 2003, 24, 1254-6.	1.2	67
166	Quantification of brain gray matter damage in different MS phenotypes by use of diffusion tensor MR imaging. American Journal of Neuroradiology, 2002, 23, 985-8.	1.2	145
167	Segmenting brain white matter, gray matter and cerebro-spinal fluid using diffusion tensor-MRI derived indices. Magnetic Resonance Imaging, 2001, 19, 1167-1172.	1.0	21
168	A Quantitative Study of Water Diffusion in Multiple Sclerosis Lesions and Normal-Appearing White Matter Using Echo-Planar Imaging. Archives of Neurology, 2000, 57, 1017.	4.9	203