Andrea Falini

List of Publications by Year
in descending order

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254 papers	15,250 citations	14614 66 h-index	26548 107 g-index
257 all docs	257 docs citations	257 times ranked	17896 citing authors

#	Article	IF	Citations
1	EANO guideline for the diagnosis and treatment of anaplastic gliomas and glioblastoma. Lancet Oncology, The, 2014, 15, e395-e403.	5.1	647
2	Obstructive Sleep Apnea: Brain Structural Changes and Neurocognitive Function before and after Treatment. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1419-1426.	2.5	479
3	Motor and language DTI Fiber Tracking combined with intraoperative subcortical mapping for surgical removal of gliomas. NeuroImage, 2008, 39, 369-382.	2.1	372
4	Proton magnetic resonance spectroscopy in patients with glial tumors: a multicenter study. Journal of Neurosurgery, 1996, 84, 449-458.	0.9	332
5	Brain Gray Matter Changes in Migraine Patients With T2-Visible Lesions. Stroke, 2006, 37, 1765-1770.	1.0	291
6	Tumor-Targeted Interferon-Î± Delivery by Tie2-Expressing Monocytes Inhibits Tumor Growth and Metastasis. Cancer Cell, 2008, 14, 299-311.	7.7	267
7	What is the role of the uncinate fasciculus? Surgical removal and proper name retrieval. Brain, 2011, 134, 405-414.	3.7	246
8	Presurgical Functional MR Imaging of Language and Motor Functions: Validation with Intraoperative Electrocortical Mapping. Radiology, 2008, 248, 579-589.	3.6	243
9	Cortical adaptation in patients with MS: a cross-sectional functional MRI study of disease phenotypes. Lancet Neurology, The, 2005, 4, 618-626.	4.9	235
10	Adaptive functional changes in the cerebral cortex of patients with nondisabling multiple sclerosis correlate with the extent of brain structural damage. Annals of Neurology, 2002, 51, 330-339.	2.8	224
11	Disruption of White Matter Integrity in Bipolar Depression as a Possible Structural Marker of Illness. Biological Psychiatry, 2011, 69, 309-317.	0.7	207
12	Epidermal Growth Factor Receptor Expression Identifies Functionally and Molecularly Distinct Tumor-Initiating Cells in Human Glioblastoma Multiforme and Is Required for Gliomagenesis. Cancer Research, 2010, 70, 7500-7513.	0.4	198
13	Negation in the brain: Modulating action representations. NeuroImage, 2008, 43, 358-367.	2.1	183
14	Functional network connectivity in the behavioral variant of frontotemporal dementia. Cortex, 2013, 49, 2389-2401.	1.1	182
15	Multiple Sclerosis: Effects of Cognitive Rehabilitation on Structural and Functional MR Imaging Measuresâ€"An Explorative Study. Radiology, 2012, 262, 932-940.	3.6	176
16	Large-scale neuronal network dysfunction in relapsing-remitting multiple sclerosis. Neurology, 2012, 79, 1449-1457.	1.5	164
17	White Matter Integrity in Obstructive Sleep Apnea before and after Treatment. Sleep, 2014, 37, 1465-1475.	0.6	164
18	Brain structural and functional connectivity in <scp>P</scp>arkinson's disease with freezing of gait. Human Brain Mapping, 2015, 36, 5064-5078.	1.9	154

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19	The Different Neural Correlates of Action and Functional Knowledge in Semantic Memory: An fMRI Study. Cerebral Cortex, 2008, 18, 740-751.	1.6	151
20	Lithium and GSK3-Î² Promoter Gene Variants Influence White Matter Microstructure in Bipolar Disorder. Neuropsychopharmacology, 2013, 38, 313-327.	2.8	149
21	The organization of intrinsic brain activity differs between genders: A restingâ€state fMRI study in a large cohort of young healthy subjects. Human Brain Mapping, 2013, 34, 1330-1343.	1.9	144
22	Opposite effects of suicidality and lithium on gray matter volumes in bipolar depression. Journal of Affective Disorders, 2011, 135, 139-147.	2.0	142
23	Brain network connectivity assessed using graph theory in frontotemporal dementia. Neurology, 2013, 81, 134-143.	1.5	139
24	Evidence for axonal pathology and adaptive cortical reorganization in patients at presentation with clinically isolated syndromes suggestive of multiple sclerosis. NeuroImage, 2003, 18, 847-855.	2.1	138
25	Functional and structural brain correlates of theory of mind and empathy deficits in schizophrenia. Schizophrenia Research, 2009, 114, 154-160.	1.1	137
26	Intraoperative use of diffusion tensor imaging fiber tractography and subcortical mapping for resection of gliomas: technical considerations. Neurosurgical Focus, 2010, 28, E6.	1.0	137
27	Effects of aging on mindreading ability through the eyes: An fMRI study. Neuropsychologia, 2010, 48, 2586-2594.	0.7	129
28	Tailoring neurophysiological strategies with clinical context enhances resection and safety and expands indications in gliomas involving motor pathways. Neuro-Oncology, 2014, 16, 1110-1128.	0.6	127
29	Role of diffusion tensor magnetic resonance tractography in predicting the extent of resection in glioma surgery. Neuro-Oncology, 2012, 14, 192-202.	0.6	124
30	Tract-specific white matter structural disruption in patients with bipolar disorder. Bipolar Disorders, 2011, 13, 414-424.	1.1	122
31	Impaired functional integration in multiple sclerosis: a graph theory study. Brain Structure and Function, 2016, 221, 115-131.	1.2	122
32	Structural and functional MRI correlates of Stroop control in benign MS. Human Brain Mapping, 2009, 30, 276-290.	1.9	117
33	Magnetic Resonance-Based Tracking and Quantification of Intravenously Injected Neural Stem Cell Accumulation in the Brains of Mice with Experimental Multiple Sclerosis. Stem Cells, 2007, 25, 2583-2592.	1.4	115
34	Effect of nerve growth factor in adrenal autografts in parkinsonism. Annals of Neurology, 1990, 27, 341-342.	2.8	109
35	Brain Activation Changes Before and After PAP Treatment in Obstructive Sleep Apnea. Sleep, 2009, 32, 1161-1172.	0.6	107
36	Cortical Abnormalities in Patients with Migraine: A Surface-based Analysis. Radiology, 2013, 268, 170-180.	3.6	105

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37	Functional network connectivity abnormalities in multiple sclerosis: Correlations with disability and cognitive impairment. Multiple Sclerosis Journal, 2018, 24, 459-471.	1.4	105
38	Diffusion-Tensor Magnetic Resonance Imaging Detects Normal-Appearing White Matter Damage Unrelated to Short-term Disease Activity in Patients at the Earliest Clinical Stage of Multiple Sclerosis. Archives of Neurology, 2005, 62, 803.	4.9	101
39	Selective decreased grey matter volume of the pain-matrix network in cluster headache. Cephalalgia, 2012, 32, 109-115.	1.8	101
40	Brain plasticity in Parkinsonâ€™s disease with freezing of gait induced by action observation training. Journal of Neurology, 2017, 264, 88-101.	1.8	101
41	Ocular Adnexal Lymphoma: Diffusion-weighted MR Imaging for Differential Diagnosis and Therapeutic Monitoring. Radiology, 2010, 256, 565-574.	3.6	100
42	Neural and Genetic Correlates of Antidepressant Response to Sleep Deprivation. Archives of General Psychiatry, 2007, 64, 179.	13.8	97
43	Simple and complex movement-associated functional MRI changes in patients at presentation with clinically isolated syndromes suggestive of multiple sclerosis. Human Brain Mapping, 2004, 21, 108-117.	1.9	96
44	Indirect evidence for early widespread gray matter involvement in relapsingâ€“remitting multiple sclerosis. NeuroImage, 2004, 21, 1825-1829.	2.1	92
45	Cognitive impairment in multiple sclerosis is associated to different patterns of gray matter atrophy according to clinical phenotype. Human Brain Mapping, 2011, 32, 1535-1543.	1.9	92
46	Brain network connectivity differs in early-onset neurodegenerative dementia. Neurology, 2017, 89, 1764-1772.	1.5	90
47	Cerebral correlates of visuospatial neglect: A direct cerebral stimulation study. Human Brain Mapping, 2014, 35, 1334-1350.	1.9	89
48	A functional magnetic resonance imaging study of patients with secondary progressive multiple sclerosis. NeuroImage, 2003, 19, 1770-1777.	2.1	88
49	Regional but Not Global Brain Damage Contributes to Fatigue in Multiple Sclerosis. Radiology, 2014, 273, 511-520.	3.6	87
50	Emotional empathy in amyotrophic lateral sclerosis: a behavioural and voxel-based morphometry study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2014, 15, 21-29.	1.1	85
51	Leptomeningeal gadolinium enhancement across the spectrum of chronic neuroinflammatory diseases. Neurology, 2017, 88, 1439-1444.	1.5	85
52	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
53	Structural brain correlates of cognitive and behavioral impairment in <scp>MND</scp>. Human Brain Mapping, 2016, 37, 1614-1626.	1.9	84
54	fMRI changes in relapsing-remitting multiple sclerosis patients complaining of fatigue after IFNÎ²-1a injection. Human Brain Mapping, 2007, 28, 373-382.	1.9	83

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55	Disruption of structural connectivity along the dorsal and ventral language pathways in patients with nonfluent and semantic variant primary progressive aphasia: A DT MRI study and a literature review. Brain and Language, 2013, 127, 157-166.	0.8	79
56	Theory of Mind in Amnestic Mild Cognitive Impairment: An fMRI Study. Journal of Alzheimer's Disease, 2012, 29, 25-37.	1.2	78
57	Changes in functional and structural brain connectome along the Alzheimerâ€™s disease continuum. Molecular Psychiatry, 2020, 25, 230-239.	4.1	78
58	Structural brain MRI abnormalities in pediatric patients with migraine. Journal of Neurology, 2014, 261, 350-357.	1.8	76
59	Intrahemispheric and interhemispheric structural network abnormalities in PLS and ALS. Human Brain Mapping, 2014, 35, 1710-1722.	1.9	76
60	Dynamic contrast-enhanced and dynamic susceptibility contrast perfusion MR imaging for glioma grading: Preliminary comparison of vessel compartment and permeability parameters using hotspot and histogram analysis. European Journal of Radiology, 2016, 85, 1147-1156.	1.2	76
61	The Brain Functional Networks Associated to Human and Animal Suffering Differ among Omnivores, Vegetarians and Vegans. PLoS ONE, 2010, 5, e10847.	1.1	75
62	Intraoperative mapping and monitoring of brain functions for the resection of low-grade gliomas: technical considerations. Neurosurgical Focus, 2009, 27, E4.	1.0	74
63	Disrupted brain connectome in semantic variant of primary progressive aphasia. Neurobiology of Aging, 2014, 35, 2646-2655.	1.5	74
64	Deficits in memory and visuospatial learning correlate with regional hippocampal atrophy in MS. Brain Structure and Function, 2015, 220, 435-444.	1.2	74
65	Normal-appearing white and grey matter damage in MS. Journal of Neurology, 2007, 254, 513-518.	1.8	73
66	Perceived social isolation is associated with altered functional connectivity in neural networks associated with tonic alertness and executive control. NeuroImage, 2017, 145, 58-73.	2.1	73
67	Functional MRI for Surgery of Gliomas. Current Treatment Options in Neurology, 2017, 19, 34.	0.7	72
68	Microstructural white matter correlates of emotion recognition impairment in Amyotrophic Lateral Sclerosis. Cortex, 2014, 53, 1-8.	1.1	71
69	Motor Learning in Healthy Humans Is Associated to Gray Matter Changes: A Tensor-Based Morphometry Study. PLoS ONE, 2010, 5, e10198.	1.1	68
70	Cognitive, EEG, and MRI features of COVID-19 survivors: a 10-month study. Journal of Neurology, 2022, 269, 3400-3412.	1.8	68
71	Functional cortical changes in patients with multiple sclerosis and nonspecific findings on conventional magnetic resonance imaging scans of the brain. NeuroImage, 2003, 19, 826-836.	2.1	67
72	Ventral and dorsal visual streams in posterior cortical atrophy: A DT MRI study. Neurobiology of Aging, 2012, 33, 2572-2584.	1.5	66

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73	Magnetic resonance imaging with diffusion-weighted imaging in the evaluation of thyroid-associated orbitopathy: getting below the tip of the iceberg. European Radiology, 2014, 24, 1118-1126.	2.3	66
74	Neural correlates of empathic impairment in the behavioral variant ofÂfrontotemporal dementia. Alzheimer's and Dementia, 2014, 10, 827-834.	0.4	66
75	Cross-validation of biomarkers for the early differential diagnosis and prognosis of dementia in a clinical setting. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 499-508.	3.3	66
76	Widespread changes of white matter microstructure in obsessiveâ€“compulsive disorder: Effect of drug status. European Neuropsychopharmacology, 2013, 23, 581-593.	0.3	63
77	Anatomical and biochemical investigation of primary brain tumours. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 1851-1872.	3.3	62
78	Proton magnetic resonance spectroscopy and intracranial tumours: Clinical perspectives. Journal of Neurology, 1996, 243, 706-714.	1.8	60
79	A functional MRI study of cortical activations associated with object manipulation in patients with MS. NeuroImage, 2004, 21, 1147-1154.	2.1	59
80	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
81	Connectivity constraints on cortical reorganization of neural circuits involved in object naming. NeuroImage, 2011, 55, 1306-1313.	2.1	59
82	Hippocampalâ€<scp>DMN</scp> disconnectivity in <scp>MS</scp> is related to <scp>WM</scp> lesions and depression. Human Brain Mapping, 2015, 36, 5051-5063.	1.9	58
83	Carotid atherosclerosis, silent ischemic brain damage and brain atrophy: A systematic review and meta-analysis. International Journal of Cardiology, 2016, 223, 681-687.	0.8	58
84	Brain correlates of depression, post-traumatic distress, and inflammatory biomarkers in COVID-19 survivors: A multimodal magnetic resonance imaging study. Brain, Behavior, & Immunity - Health, 2021, 18, 100387.	1.3	57
85	Cerebral involvement in celiac disease: A serial MRI study in a patient with brainstem and cerebellar symptoms. Neurology, 1997, 49, 1447-1450.	1.5	56
86	Posterior brain damage and cognitive impairment in pediatric multiple sclerosis. Neurology, 2014, 82, 1314-1321.	1.5	56
87	Central nervous system dysregulation extends beyond the pain-matrix network in cluster headache. Cephalalgia, 2010, 30, 1383-1391.	1.8	55
88	Functional brain changes in early Parkinson's disease during motor response and motor inhibition. Neurobiology of Aging, 2011, 32, 115-124.	1.5	55
89	White Matter Degeneration in Atypical Alzheimer Disease. Radiology, 2015, 277, 162-172.	3.6	55
90	Abnormal adaptation over time of motor network recruitment in multiple sclerosis patients with fatigue. Multiple Sclerosis Journal, 2016, 22, 1144-1153.	1.4	55

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91	A Homer 1 gene variant influences brain structure and function, lithium effects on white matter, and antidepressant response in bipolar disorder: A multimodal genetic imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 88-95.	2.5	55
92	Pyramidal tract lesions and movement-associated cortical recruitment in patients with MS. NeuroImage, 2004, 23, 141-147.	2.1	54
93	Patients with migraine do not have MRI-visible cortical lesions. Journal of Neurology, 2012, 259, 2695-2698.	1.8	54
94	Automatic muscle and fat segmentation in the thigh from T1â€Weighted MRI. Journal of Magnetic Resonance Imaging, 2016, 43, 601-610.	1.9	54
95	Structural and functional brain signatures of C9orf72 in motor neuron disease. Neurobiology of Aging, 2017, 57, 206-219.	1.5	54
96	Abnormal functional connectivity of thalamic sub-regions contributes to fatigue in multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 1183-1195.	1.4	54
97	Evidence for Cortical Functional Changes in Patients With Migraine and White Matter Abnormalities on Conventional and Diffusion Tensor Magnetic Resonance Imaging. Stroke, 2003, 34, 665-670.	1.0	53
98	Evidence for retrochiasmatic tissue loss in Leber's hereditary optic neuropathy. Human Brain Mapping, 2010, 31, 1900-1906.	1.9	53
99	Neurite Orientation Dispersion and Density Imaging Color Maps to Characterize Brain Diffusion in Neurologic Disorders. Journal of Neuroimaging, 2016, 26, 494-498.	1.0	53
100	Cerebellar contribution to motor and cognitive performance in multiple sclerosis: An MRI sub-regional volumetric analysis. Multiple Sclerosis Journal, 2017, 23, 1194-1203.	1.4	53
101	A Preliminary Diffusion Tensor and Magnetization Transfer Magnetic Resonance Imaging Study of Early-Onset Multiple Sclerosis. Archives of Neurology, 2004, 61, 366.	4.9	52
102	Mapping regional grey and white matter atrophy in relapsingâ€“remitting multiple sclerosis. Multiple Sclerosis Journal, 2012, 18, 1027-1037.	1.4	52
103	Human neuronal cell viability demonstrated in culture after cryopreservation. Brain Research, 1988, 473, 169-174.	1.1	51
104	Spectroscopic correlates of antidepressant response to sleep deprivation and light therapy: A 3.0 Tesla study of bipolar depression. Psychiatry Research - Neuroimaging, 2009, 173, 238-242.	0.9	51
105	Magnetic resonance imaging as predictor of functional outcome in craniopharyngiomas. Endocrine, 2016, 51, 148-162.	1.1	51
106	Longitudinal <scp>MRI</scp> quantification of muscle degeneration in Duchenne muscular dystrophy. Annals of Clinical and Translational Neurology, 2016, 3, 607-622.	1.7	50
107	The topographical distribution of tissue injury in benign MS: A 3T multiparametric MRI study. NeuroImage, 2008, 39, 1499-1509.	2.1	49
108	Gray matter volume modifications in migraine. Neurology, 2018, 91, e280-e292.	1.5	49

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109	Muscle MRI findings in facioscapulohumeral muscular dystrophy. European Radiology, 2016, 26, 693-705.	2.3	48
110	Gray matter trophism, cognitive impairment, and depression in patients with multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 1864-1874.	1.4	48
111	The effect of action observation/execution on mirror neuron system recruitment: an fMRI study in healthy individuals. Brain Imaging and Behavior, 2017, 11, 565-576.	1.1	47
112	Guidelines from The Italian Neurological and Neuroradiological Societies for the use of magnetic resonance imaging in daily life clinical practice of multiple sclerosis patients. Neurological Sciences, 2013, 34, 2085-2093.	0.9	46
113	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy:in vivoassessment of structural changes. Brain, 2016, 139, 1735-1746.	3.7	44
114	Affective and cooperative social interactions modulate effective connectivity within and between the mirror and mentalizing systems. Human Brain Mapping, 2018, 39, 1412-1427.	1.9	44
115	Magnetic resonance techniques for the in vivo assessment of multiple sclerosis pathology: Consensus report of the white matter study group. Journal of Magnetic Resonance Imaging, 2005, 21, 669-675.	1.9	43
116	A multiparametric evaluation of regional brain damage in patients with primary progressive multiple sclerosis. Human Brain Mapping, 2009, 30, 3009-3019.	1.9	43
117	Allogeneic hematopoietic stem cell transplantation for neuromyelitis optica. Annals of Neurology, 2014, 75, 447-453.	2.8	43
118	Brain Changes within the Visuo-Spatial Attentional Network in Posterior Cortical Atrophy. Journal of Alzheimer's Disease, 2014, 43, 385-395.	1.2	43
119	Following the Spreading of Brain Structural Changes in Alzheimerâ€™s Disease: AÂLongitudinal, Multimodal MRI Study. Journal of Alzheimer's Disease, 2015, 47, 995-1007.	1.2	43
120	Affective mentalizing and brain activity at rest in the behavioral variant of frontotemporal dementia. NeuroImage: Clinical, 2015, 9, 484-497.	1.4	43
121	White matter microstructure abnormalities in pediatric migraine patients. Cephalalgia, 2015, 35, 1278-1286.	1.8	42
122	Structural brain abnormalities in patients with vestibular migraine. Journal of Neurology, 2017, 264, 295-303.	1.8	42
123	Resting state functional connectivity alterations in primary lateral sclerosis. Neurobiology of Aging, 2014, 35, 916-925.	1.5	41
124	Recurrent disease-activity rebound in a patient with multiple sclerosis after natalizumab discontinuations for pregnancy planning. Multiple Sclerosis Journal, 2016, 22, 1506-1508.	1.4	41
125	Role of Functional Imaging Techniques to Assess Motor and Language Cortical Plasticity in Glioma Patients: A Systematic Review. Neural Plasticity, 2019, 2019, 1-16.	1.0	41
126	The proneural gene ASCL1 governs the transcriptional subgroup affiliation in glioblastoma stem cells by directly repressing the mesenchymal gene NDRG1. Cell Death and Differentiation, 2019, 26, 1813-1831.	5.0	41

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127	White matter microstructural damage in Alzheimer's disease at different ages of onset. Neurobiology of Aging, 2013, 34, 2331-2340.	1.5	40
128	Intranetwork and internetwork functional connectivity abnormalities in pediatric multiple sclerosis. Human Brain Mapping, 2014, 35, 4180-4192.	1.9	40
129	The DCDC2/intron 2 deletion and white matter disorganization: Focus on developmental dyslexia. Cortex, 2014, 57, 227-243.	1.1	40
130	Successful antidepressant chronotherapeutics enhance fronto-limbic neural responses and connectivity in bipolar depression. Psychiatry Research - Neuroimaging, 2015, 233, 243-253.	0.9	40
131	Cervical Cord T1-weighted Hypointense Lesions at MR Imaging in Multiple Sclerosis: Relationship to Cord Atrophy and Disability. Radiology, 2018, 288, 234-244.	3.6	40
132	Cognitive reserve, cognition, and regional brain damage in MS: A 2â€‰-year longitudinal study. Multiple Sclerosis Journal, 2019, 25, 372-381.	1.4	40
133	The shape of motor resonance: Right- or left-handed?. NeuroImage, 2010, 51, 313-323.	2.1	39
134	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. Diabetes Care, 2014, 37, 267-276.	4.3	39
135	MRI signatures of the frontotemporal lobar degeneration continuum. Human Brain Mapping, 2015, 36, 2602-2614.	1.9	39
136	Neural markers of loss aversion in resting-state brain activity. NeuroImage, 2017, 146, 257-265.	2.1	39
137	Visual evoked potentials may be recorded simultaneously with fMRI scanning: A validation study. Human Brain Mapping, 2005, 24, 291-298.	1.9	38
138	Structural and functional magnetic resonance imaging correlates of motor network dysfunction in primary progressive multiple sclerosis. European Journal of Neuroscience, 2010, 31, 1273-1280.	1.2	38
139	An fMRI study of the motor system in patients with neuropsychiatric systemic lupus erythematosus. NeuroImage, 2006, 30, 478-484.	2.1	37
140	The mirror neuron system and the strange case of Broca's area. Human Brain Mapping, 2015, 36, 1010-1027.	1.9	37
141	Axonal Injury and Overall Tissue Loss Are Not Related in Primary Progressive Multiple Sclerosis. Archives of Neurology, 2005, 62, 898-902.	4.9	36
142	Near Normalization of Metabolic and Functional Features of the Central Nervous System in Type 1 Diabetic Patients With End-Stage Renal Disease After Kidney-Pancreas Transplantation. Diabetes Care, 2012, 35, 367-374.	4.3	36
143	Lithium and GSK-3Î² promoter gene variants influence cortical gray matter volumes in bipolar disorder. Psychopharmacology, 2015, 232, 1325-1336.	1.5	36
144	Multifocal laminar cortical brain lesions: a consistent MRI finding in neuro-COVID-19 patients. Journal of Neurology, 2020, 267, 2806-2809.	1.8	35

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145	Differentiation between Subtypes of Primary Progressive Aphasia by Using Cortical Thickness and Diffusion-Tensor MR Imaging Measures. Radiology, 2015, 276, 219-227.	3.6	34
146	Neuropsychological and FDG-PET profiles in VGKC autoimmune limbic encephalitis. Brain and Cognition, 2016, 108, 81-87.	0.8	34
147	Structural and functional brain connectome in motor neuron diseases. Neurology, 2020, 95, e2552-e2564.	1.5	34
148	Extramotor Damage Is Associated with Cognition in Primary Lateral Sclerosis Patients. PLoS ONE, 2013, 8, e82017.	1.1	33
149	SREBF-2 polymorphism influences white matter microstructure in bipolar disorder. Psychiatry Research - Neuroimaging, 2016, 257, 39-46.	0.9	33
150	Imaging patterns of gray and white matter abnormalities associated with PASAT and SDMT performance in relapsing-remitting multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 204-216.	1.4	33
151	Hereditary Spastic Paraplegia: Beyond Clinical Phenotypes toward a Unified Pattern of Central Nervous System Damage. Radiology, 2015, 276, 207-218.	3.6	32
152	Brain MR Imaging in Patients with Lower Motor Neuronâ€“Predominant Disease. Radiology, 2016, 280, 545-556.	3.6	32
153	MR Imaging of Brachial Plexus and Limb-Girdle Muscles in Patients with Amyotrophic Lateral Sclerosis. Radiology, 2016, 279, 553-561.	3.6	32
154	Shortâ€term Sahaja Yoga meditation training modulates brain structure and spontaneous activity in the executive control network. Brain and Behavior, 2019, 9, e01159.	1.0	32
155	A hierarchical procedure to select intrauterine and extrauterine factors for methodological validation of preterm birth risk estimation. BMC Pregnancy and Childbirth, 2021, 21, 306.	0.9	32
156	The Italian Brain Normative Archive of structural MR scans: norms for medial temporal atrophy and white matter lesions. Aging Clinical and Experimental Research, 2009, 21, 266-276.	1.4	31
157	Advanced Imaging Techniques for Radiotherapy Planning of Gliomas. Cancers, 2021, 13, 1063.	1.7	31
158	A widespread pattern of cortical activations in patients at presentation with clinically isolated symptoms is associated with evolution to definite multiple sclerosis. American Journal of Neuroradiology, 2005, 26, 1136-9.	1.2	31
159	Progress in neuro-imaging of brain tumors. Current Opinion in Oncology, 2016, 28, 484-493.	1.1	30
160	Regional hippocampal involvement and cognitive impairment in pediatric multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 628-640.	1.4	28
161	Caudate Gray Matter Volume in Obsessive-Compulsive Disorder Is Influenced by Adverse Childhood Experiences and Ongoing Drug Treatment. Journal of Clinical Psychopharmacology, 2012, 32, 544-547.	0.7	27
162	Patterns of white matter diffusivity abnormalities in Leberâ€™s hereditary optic neuropathy: a tract-based spatial statistics study. Journal of Neurology, 2012, 259, 1801-1807.	1.8	27

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163	fMRI-Targeted High-Angular Resolution Diffusion MR Tractography to Identify Functional Language Tracts in Healthy Controls and Glioma Patients. Frontiers in Neuroscience, 2020, 14, 225.	1.4	27
164	Working memory network dysfunction in relapse-onset multiple sclerosis phenotypes: A clinical-imaging evaluation. Multiple Sclerosis Journal, 2017, 23, 577-587.	1.4	26
165	Body mass index associates with white matter microstructure in bipolar depression. Bipolar Disorders, 2017, 19, 116-127.	1.1	25
166	Natural killer cells protect white matter integrity in bipolar disorder. Brain, Behavior, and Immunity, 2019, 81, 410-421.	2.0	25
167	Extra-Visual Functional and Structural Connection Abnormalities in Leber's Hereditary Optic Neuropathy. PLoS ONE, 2011, 6, e17081.	1.1	24
168	Response competition and response inhibition during different choice-discrimination tasks: Evidence from ERP measured inside MRI scanner. International Journal of Psychophysiology, 2013, 89, 37-47.	0.5	24
169	In vivo evidence of hippocampal dentate gyrus expansion in multiple sclerosis. Human Brain Mapping, 2015, 36, 4702-4713.	1.9	24
170	A multimodal neuroimaging study of a case of crossed nonfluent/agrammatic primary progressive aphasia. Journal of Neurology, 2015, 262, 2336-2345.	1.8	24
171	Sleep apnea: Altered brain connectivity underlying a working-memory challenge. NeuroImage: Clinical, 2018, 19, 56-65.	1.4	24
172	Impact of early and recent stress on white matter microstructure in major depressive disorder. Journal of Affective Disorders, 2018, 225, 289-297.	2.0	24
173	The level of spinal cord involvement influences the pattern of movement-associated cortical recruitment in patients with isolated myelitis. NeuroImage, 2006, 30, 879-884.	2.1	23
174	MRI Predicts Efficacy of Constraint-Induced Movement Therapy in Children With Brain Injury. Neurotherapeutics, 2013, 10, 511-519.	2.1	23
175	Evaluation of low-grade glioma structural changes after chemotherapy using DTI-based histogram analysis and functional diffusion maps. European Radiology, 2016, 26, 1263-1273.	2.3	23
176	Reproducibility of dynamic contrast-enhanced MRI and dynamic susceptibility contrast MRI in the study of brain gliomas: a comparison of data obtained using different commercial software. Radiologia Medica, 2017, 122, 294-302.	4.7	23
177	Enhanced SPARCL1 expression in cancer stem cells improves preclinical modeling of glioblastoma by promoting both tumor infiltration and angiogenesis. Neurobiology of Disease, 2020, 134, 104705.	2.1	23
178	Cellular magnetic resonance with iron oxide nanoparticles: long-term persistence of SPIO signal in the CNS after transplanted cell death. Nanomedicine, 2014, 9, 1457-1474.	1.7	22
179	Cognitive impairment in paediatric multiple sclerosis patients is not related to cortical lesions. Multiple Sclerosis Journal, 2015, 21, 956-959.	1.4	21
180	Relation between characteristics of carotid atherosclerotic plaques and brain white matter hyperintensities in asymptomatic patients. Scientific Reports, 2017, 7, 10559.	1.6	21

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