

# Stephane Lehericy

## List of Publications by Citations

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200  
papers

16,405  
citations

70  
h-index

125  
g-index

217  
ext. papers

19,058  
ext. citations

6.5  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
200	Language-specific tuning of visual cortex? Functional properties of the Visual Word Form Area. <i>Brain</i> , <b>2002</b> , 125, 1054-69	11.2	933
199	Automatic classification of patients with Alzheimer's disease from structural MRI: a comparison of ten methods using the ADNI database. <i>NeuroImage</i> , <b>2011</b> , 56, 766-81	7.9	689
198	Goal-directed and habitual control in the basal ganglia: implications for Parkinson's disease. <i>Nature Reviews Neuroscience</i> , <b>2010</b> , 11, 760-72	13.5	680
197	Contributions of the basal ganglia and functionally related brain structures to motor learning. <i>Behavioural Brain Research</i> , <b>2009</b> , 199, 61-75	3.4	491
196	Anatomical variability in the cortical representation of first and second language. <i>NeuroReport</i> , <b>1997</b> , 8, 3809-15	1.7	458
195	Distinct basal ganglia territories are engaged in early and advanced motor sequence learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 12566-71	11.5	452
194	Diffusion tensor fiber tracking shows distinct corticostriatal circuits in humans. <i>Annals of Neurology</i> , <b>2004</b> , 55, 522-9	9.4	438
193	Cognitive control and brain resources in major depression: an fMRI study using the n-back task. <i>NeuroImage</i> , <b>2005</b> , 26, 860-9	7.9	380
192	Effect of long-term omega 3 polyunsaturated fatty acid supplementation with or without multidomain intervention on cognitive function in elderly adults with memory complaints (MAPT): a randomised, placebo-controlled trial. <i>Lancet Neurology</i> , <i>The</i> , <b>2017</b> , 16, 377-389	24.1	379
191	Partial correlation for functional brain interactivity investigation in functional MRI. <i>NeuroImage</i> , <b>2006</b> , 32, 228-37	7.9	357
190	Support vector machine-based classification of Alzheimer's disease from whole-brain anatomical MRI. <i>Neuroradiology</i> , <b>2009</b> , 51, 73-83	3.2	311
189	The functional neuroanatomy of dystonia. <i>Neurobiology of Disease</i> , <b>2011</b> , 42, 185-201	7.5	302
188	Cholinergic mesencephalic neurons are involved in gait and postural disorders in Parkinson disease. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 2745-54	15.9	301
187	Multidimensional classification of hippocampal shape features discriminates Alzheimer's disease and mild cognitive impairment from normal aging. <i>NeuroImage</i> , <b>2009</b> , 47, 1476-86	7.9	288
186	The role of the supplementary motor area (SMA) in word production. <i>Brain Research</i> , <b>2006</b> , 1076, 129-43	3.7	245
185	Fully automatic hippocampus segmentation and classification in Alzheimer's disease and mild cognitive impairment applied on data from ADNI. <i>Hippocampus</i> , <b>2009</b> , 19, 579-87	3.5	227
184	Correspondence between functional magnetic resonance imaging somatotopy and individual brain anatomy of the central region: comparison with intraoperative stimulation in patients with brain tumors. <i>Journal of Neurosurgery</i> , <b>2000</b> , 92, 589-98	3.2	212

183	Discrimination between Alzheimer disease, mild cognitive impairment, and normal aging by using automated segmentation of the hippocampus. <i>Radiology</i> , <b>2008</b> , 248, 194-201	20.5	201
182	The coeruleus/subcoeruleus complex in rapid eye movement sleep behaviour disorders in Parkinson's disease. <i>Brain</i> , <b>2013</b> , 136, 2120-9	11.2	194
181	Long-term brain plasticity allowing a multistage surgical approach to World Health Organization Grade II gliomas in eloquent areas. <i>Journal of Neurosurgery</i> , <b>2008</b> , 109, 615-24	3.2	190
180	T1-Weighted Hypersignal in the Deep Cerebellar Nuclei After Repeated Administrations of Gadolinium-Based Contrast Agents in Healthy Rats: Difference Between Linear and Macrocyclic Agents. <i>Investigative Radiology</i> , <b>2015</b> , 50, 473-80	10.1	185
179	Comparison of diffusion tensor imaging tractography of language tracts and intraoperative subcortical stimulations. <i>Journal of Neurosurgery</i> , <b>2010</b> , 112, 503-11	3.2	181
178	In search of the depressive self: extended medial prefrontal network during self-referential processing in major depression. <i>Social Cognitive and Affective Neuroscience</i> , <b>2009</b> , 4, 305-12	4	180
177	Heterogeneity and selectivity of the degeneration of cholinergic neurons in the basal forebrain of patients with Alzheimer's disease. <i>Journal of Comparative Neurology</i> , <b>1993</b> , 330, 15-31	3.4	169
176	Diffusion tensor imaging and white matter lesions at the subacute stage in mild traumatic brain injury with persistent neurobehavioral impairment. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 999-1011	5.9	164
175	Linear Gadolinium-Based Contrast Agents Are Associated With Brain Gadolinium Retention in Healthy Rats. <i>Investigative Radiology</i> , <b>2016</b> , 51, 73-82	10.1	157
174	Diffusion tensor imaging in medial temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroImage</i> , <b>2005</b> , 28, 682-90	7.9	157
173	Imaging central nervous system myelin by positron emission tomography in multiple sclerosis using [methyl- <sup>11</sup> C]-2-(4'-methylaminophenyl)-6-hydroxybenzothiazole. <i>Annals of Neurology</i> , <b>2011</b> , 69, 673-80	9.4	144
172	Altered structural connectivity of cortico-striato-pallido-thalamic networks in Gilles de la Tourette syndrome. <i>Brain</i> , <b>2015</b> , 138, 472-82	11.2	141
171	Structural connectivity differences in left and right temporal lobe epilepsy. <i>NeuroImage</i> , <b>2014</b> , 100, 135-44	4.4	136
170	Distinct structural changes underpin clinical phenotypes in patients with Gilles de la Tourette syndrome. <i>Brain</i> , <b>2010</b> , 133, 3649-60	11.2	131
169	Functional immaturity of cortico-basal ganglia networks in Gilles de la Tourette syndrome. <i>Brain</i> , <b>2012</b> , 135, 1937-46	11.2	130
168	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. <i>Cerebellum</i> , <b>2017</b> , 16, 577-594	4.3	125
167	The pathophysiology of letter-by-letter reading. <i>Neuropsychologia</i> , <b>2004</b> , 42, 1768-80	3.2	124
166	The anatomical basis of dystonia: current view using neuroimaging. <i>Movement Disorders</i> , <b>2013</b> , 28, 944-57	5.7	123

165	Productive and perceptive language reorganization in temporal lobe epilepsy. <i>NeuroImage</i> , <b>2005</b> , 24, 841-51	7.9	121
164	The amnesic syndrome of hippocampal type in Alzheimer's disease: an MRI study. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 285-94	4.3	114
163	Striatopallidal and thalamic dystonia. A magnetic resonance imaging anatomoclinical study. <i>Archives of Neurology</i> , <b>1996</b> , 53, 241-50		114
162	Cognitive and neuroimaging features and brain amyloidosis in individuals at risk of Alzheimer's disease (INSIGHT-preAD): a longitudinal observational study. <i>Lancet Neurology</i> , <b>2018</b> , 17, 335-346	24.1	113
161	Experience of diffusion tensor imaging and 1H spectroscopy for outcome prediction in severe traumatic brain injury: Preliminary results. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 1448-55	1.4	113
160	Arteriovenous brain malformations: is functional MR imaging reliable for studying language reorganization in patients? Initial observations. <i>Radiology</i> , <b>2002</b> , 223, 672-82	20.5	113
159	Distinct prefrontal activations in processing sequence at the sentence and script level: an fMRI study. <i>Neuropsychologia</i> , <b>1999</b> , 37, 1469-76	3.2	107
158	Functional compensation of the left dominant insula for language. <i>NeuroReport</i> , <b>2001</b> , 12, 2159-63	1.7	106
157	The coeruleus/subcoeruleus complex in idiopathic rapid eye movement sleep behaviour disorder. <i>Brain</i> , <b>2016</b> , 139, 1180-8	11.2	105
156	Imaging insights into basal ganglia function, Parkinson's disease, and dystonia. <i>Lancet</i> , <b>2014</b> , 384, 532-44	40	104
155	The eye of the self: precuneus volume and visual perspective during autobiographical memory retrieval. <i>Brain Structure and Function</i> , <b>2014</b> , 219, 959-68	4	104
154	Dynamics of motor-related functional integration during motor sequence learning. <i>NeuroImage</i> , <b>2010</b> , 49, 759-66	7.9	104
153	Parkinson's disease patients show reduced cortical-subcortical sensorimotor connectivity. <i>Movement Disorders</i> , <b>2013</b> , 28, 447-54	7	99
152	Self-referential processing and the prefrontal cortex over the course of depression: a pilot study. <i>Journal of Affective Disorders</i> , <b>2010</b> , 124, 196-201	6.6	99
151	Relation between brain lesion location and clinical outcome in patients with severe traumatic brain injury: a diffusion tensor imaging study using voxel-based approaches. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 3924-33	5.9	96
150	Similar amyloid burden in posterior cortical atrophy and Alzheimer's disease. <i>Brain</i> , <b>2011</b> , 134, 2036-43	11.2	96
149	Brain networks disconnection in early multiple sclerosis cognitive deficits: an anatomofunctional study. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 4706-17	5.9	92
148	Disruption of hippocampal connectivity in children and adolescents with schizophrenia—a voxel-based diffusion tensor imaging study. <i>Schizophrenia Research</i> , <b>2007</b> , 90, 302-7	3.6	91

147	7 Tesla magnetic resonance imaging: a closer look at substantia nigra anatomy in Parkinson's disease. <i>Movement Disorders</i> , <b>2014</b> , 29, 1574-81	7	89
146	Specific and evolving resting-state network alterations in post-concussion syndrome following mild traumatic brain injury. <i>PLoS ONE</i> , <b>2013</b> , 8, e65470	3.7	86
145	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, S47-S105	4.3	84
144	Perspective on future role of biological markers in clinical therapy trials of Alzheimer's disease: a long-range point of view beyond 2020. <i>Biochemical Pharmacology</i> , <b>2014</b> , 88, 426-49	6	84
143	Negative affectivity, self-referential processing and the cortical midline structures. <i>Social Cognitive and Affective Neuroscience</i> , <b>2011</b> , 6, 426-33	4	84
142	Visualization of disconnection syndromes in humans. <i>Cortex</i> , <b>2008</b> , 44, 1097-103	3.8	83
141	Involvement of spinal sensory pathway in ALS and specificity of cord atrophy to lower motor neuron degeneration. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2013</b> , 14, 30-8	3.6	79
140	A review of the use of magnetic resonance imaging in Parkinson's disease. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2014</b> , 7, 206-20	6.6	79
139	Hippocampal sclerosis in temporal lobe epilepsy: findings at 7 T. <i>Radiology</i> , <b>2011</b> , 261, 199-209	20.5	78
138	Clinical impairment in premanifest and early Huntington's disease is associated with regionally specific atrophy. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 519-29	5.9	77
137	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. <i>Radiology</i> , <b>2020</b> , 297, E313-E323	20.5	77
136	CSF tau markers are correlated with hippocampal volume in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1253-7	5.6	76
135	Multi-parametric spinal cord MRI as potential progression marker in amyotrophic lateral sclerosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e95516	3.7	75
134	COVID-19-related encephalopathy: a case series with brain FDG-positron-emission tomography/computed tomography findings. <i>European Journal of Neurology</i> , <b>2020</b> , 27, 2651-2657	6	73
133	Diffusion abnormalities in the primary sensorimotor pathways in writer's cramp. <i>Archives of Neurology</i> , <b>2009</b> , 66, 502-8		72
132	Distinct striatal regions support movement selection, preparation and execution. <i>NeuroReport</i> , <b>2004</b> , 15, 2327-31	1.7	72
131	Is hippocampal volume a good marker to differentiate Alzheimer's disease from frontotemporal dementia?. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 36, 57-66	4.3	70
130	Localization of human frontal eye fields: anatomical and functional findings of functional magnetic resonance imaging and intracerebral electrical stimulation. <i>Journal of Neurosurgery</i> , <b>2001</b> , 95, 804-15	3.2	70

129	Structural integrity and postconcussion syndrome in mild traumatic brain injury patients. <i>Brain Imaging and Behavior</i> , <b>2012</b> , 6, 283-92	4.1	66
128	Dopamine-dependent reinforcement of motor skill learning: evidence from Gilles de la Tourette syndrome. <i>Brain</i> , <b>2011</b> , 134, 2287-301	11.2	66
127	The role of high-field magnetic resonance imaging in parkinsonian disorders: Pushing the boundaries forward. <i>Movement Disorders</i> , <b>2017</b> , 32, 510-525	7	65
126	The structural correlates of functional deficits in early huntington's disease. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 2141-53	5.9	65
125	The role of dopamine in the brain - lessons learned from Parkinson's disease. <i>NeuroImage</i> , <b>2019</b> , 190, 79-93	7.9	65
124	Magnetic resonance imaging of the substantia nigra in Parkinson's disease. <i>Movement Disorders</i> , <b>2012</b> , 27, 822-30	7	62
123	Disruption in cerebellar and basal ganglia networks during a visuospatial task in cervical dystonia. <i>Movement Disorders</i> , <b>2017</b> , 32, 757-768	7	61
122	Intrinsic signature of essential tremor in the cerebello-frontal network. <i>Brain</i> , <b>2015</b> , 138, 2920-33	11.2	61
121	A critical role for the hippocampus in the valuation of imagined outcomes. <i>PLoS Biology</i> , <b>2013</b> , 11, e1001694	16.4	61
120	Functional MR imaging or Wada test: which is the better predictor of individual postoperative memory outcome?. <i>Radiology</i> , <b>2010</b> , 255, 128-34	20.5	61
119	Regions, systems, and the brain: hierarchical measures of functional integration in fMRI. <i>Medical Image Analysis</i> , <b>2008</b> , 12, 484-496	15.4	60
118	Interictal diffusion MRI in partial epilepsies explored with intracerebral electrodes. <i>Brain</i> , <b>2006</b> , 129, 375-85	11.2	60
117	Neuroimaging of tic genesis: Present status and future perspectives. <i>Movement Disorders</i> , <b>2015</b> , 30, 1179-83	7	58
116	Detection of volume loss in hippocampal layers in Alzheimer's disease using 7 T MRI: a feasibility study. <i>NeuroImage: Clinical</i> , <b>2014</b> , 5, 341-8	5.3	54
115	24 month-treatment with miglustat of three patients with Niemann-Pick disease type C: follow up using brain spectroscopy. <i>Molecular Genetics and Metabolism</i> , <b>2009</b> , 96, 55-8	3.7	54
114	Foot, face and hand representation in the human supplementary motor area. <i>NeuroReport</i> , <b>2004</b> , 15, 765-9	1.7	54
113	RAD51 deficiency disrupts the corticospinal lateralization of motor control. <i>Brain</i> , <b>2013</b> , 136, 3333-46	11.2	52
112	Hippocampal-thalamic wiring in medial temporal lobe epilepsy: Enhanced connectivity per hippocampal voxel. <i>Epilepsia</i> , <b>2015</b> , 56, 1217-26	6.4	51

111	Spatial regularization of SVM for the detection of diffusion alterations associated with stroke outcome. <i>Medical Image Analysis</i> , <b>2011</b> , 15, 729-37	15.4	50
110	Highly specific determination of IDH status using edited in vivo magnetic resonance spectroscopy. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 907-916	1	48
109	High nigral iron deposition in LRRK2 and Parkin mutation carriers using R2* relaxometry. <i>Movement Disorders</i> , <b>2015</b> , 30, 1077-84	7	48
108	Delayed verbal memory retrieval: a functional MRI study in epileptic patients with structural lesions of the left medial temporal lobe. <i>NeuroImage</i> , <b>2001</b> , 14, 995-1003	7.9	48
107	Dopaminergic dysfunction in midbrain dystonia: anatomoclinical study using 3-dimensional magnetic resonance imaging and fluorodopa F 18 positron emission tomography. <i>Archives of Neurology</i> , <b>1999</b> , 56, 982-9		48
106	Magnetic resonance imaging of Alzheimer's disease. <i>European Radiology</i> , <b>2007</b> , 17, 347-62	8	47
105	Orthostatic tremor: a cerebellar pathology?. <i>Brain</i> , <b>2016</b> , 139, 2182-97	11.2	44
104	Pedunculopontine network dysfunction in Parkinson's disease with postural control and sleep disorders. <i>Movement Disorders</i> , <b>2017</b> , 32, 693-704	7	43
103	Brain dynamic neurochemical changes in dystonic patients: a magnetic resonance spectroscopy study. <i>Movement Disorders</i> , <b>2013</b> , 28, 201-9	7	43
102	3D multimodal MRI brain glioma tumor and edema segmentation: a graph cut distribution matching approach. <i>Computerized Medical Imaging and Graphics</i> , <b>2015</b> , 40, 108-19	7.6	42
101	Intraoperative frontal eye field stimulation elicits ocular deviation and saccade suppression. <i>NeuroReport</i> , <b>2002</b> , 13, 1359-64	1.7	42
100	A novel approach to clinical-radiological correlations: Anatomico-Clinical Overlapping Maps (AnaCOM): method and validation. <i>NeuroImage</i> , <b>2007</b> , 37, 1237-49	7.9	38
99	Cognitive appraisal and life stress moderate the effects of the 5-HTTLPR polymorphism on amygdala reactivity. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1856-67	5.9	37
98	Motor execution and imagination networks in post-stroke dystonia. <i>NeuroReport</i> , <b>2004</b> , 15, 1887-90	1.7	37
97	Contribution of corticospinal tract and functional connectivity in hand motor impairment after stroke. <i>PLoS ONE</i> , <b>2013</b> , 8, e73164	3.7	35
96	Somatotopical organization of striatal activation during finger and toe movement: a 3-T functional magnetic resonance imaging study. <i>Annals of Neurology</i> , <b>1998</b> , 44, 398-404	9.4	35
95	Altered structure of cortical sulci in Gilles de la Tourette syndrome: Further support for abnormal brain development. <i>Movement Disorders</i> , <b>2015</b> , 30, 655-61	7	33
94	Dystonia: lessons from brain mapping. <i>Neuroscientist</i> , <b>2003</b> , 9, 76-81	7.6	33

93	Functional parcellation of the lateral mesencephalus. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 9396-401	6.6	32
92	The spinal and cerebral profile of adult spinal-muscular atrophy: A multimodal imaging study. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101618	5.3	32
91	A cortical-subcortical syntax pathway linking Broca's area and the striatum. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2270-83	5.9	31
90	Functional Connectivity of Ventral and Dorsal Visual Streams in Posterior Cortical Atrophy. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 51, 1119-30	4.3	31
89	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 1460-1467	4.4	31
88	Is radiological evaluation as good as computer-based volumetry to assess hippocampal atrophy in Alzheimer's disease?. <i>Neuroradiology</i> , <b>2012</b> , 54, 1321-30	3.2	31
87	The Brain Network of Naming: A Lesson from Primary Progressive Aphasia. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148707	3.7	31
86	In vivo characterization of white matter pathology in premanifest huntington's disease. <i>Annals of Neurology</i> , <b>2018</b> , 84, 497-504	9.4	29
85	Monoamine vesicular uptake sites in patients with Parkinson's disease and Alzheimer's disease, as measured by tritiated dihydrotetrabenazine autoradiography. <i>Brain Research</i> , <b>1994</b> , 659, 1-9	3.7	29
84	Magnetic resonance imaging lesion pattern in Guadeloupean parkinsonism is distinct from progressive supranuclear palsy. <i>Brain</i> , <b>2010</b> , 133, 2410-25	11.2	28
83	Lateral Temporal Lobe: An Early Imaging Marker of the Presymptomatic GRN Disease?. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 47, 751-9	4.3	27
82	Cystathionine as a marker for 1p/19q codeleted gliomas by in vivo magnetic resonance spectroscopy. <i>Neuro-Oncology</i> , <b>2019</b> , 21, 765-774	1	26
81	Early alteration of the locus coeruleus in phenotypic variants of Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , <b>2019</b> , 6, 1345-1351	5.3	25
80	Tissue at risk in the deep middle cerebral artery territory is critical to stroke outcome. <i>Neuroradiology</i> , <b>2011</b> , 53, 763-71	3.2	25
79	Multimodal magnetic resonance imaging investigation of basal forebrain damage and cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , <b>2019</b> , 34, 516-525	7	25
78	Aphasia severity in chronic stroke patients: a combined disconnection in the dorsal and ventral language pathways. <i>Neurorehabilitation and Neural Repair</i> , <b>2015</b> , 29, 287-95	4.7	24
77	Assessment of corticospinal tract (CST) damage in acute stroke patients: comparison of tract-specific analysis versus segmentation of a CST template. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 37, 836-45	5.6	24
76	Foxg1-Cre Mediated Lrp2 Inactivation in the Developing Mouse Neural Retina, Ciliary and Retinal Pigment Epithelia Models Congenital High Myopia. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129518	3.7	23

75	Prefrontal cortex is involved in internal decision of forthcoming saccades. <i>NeuroReport</i> , <b>2007</b> , 18, 1221-4.	4.7	23
74	Cortical mechanisms of saccade generation from execution to decision. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1039, 232-8	6.5	23
73	MRI monitoring of temperature and displacement for transcranial focus ultrasound applications. <i>NeuroImage</i> , <b>2020</b> , 204, 116236	7.9	23
72	Fast and accurate semi-automated segmentation method of spinal cord MR images at 3T applied to the construction of a cervical spinal cord template. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122224	3.7	21
71	Distinct patterns of anti-amyloid- $\beta$ antibodies in typical and atypical Alzheimer disease. <i>Archives of Neurology</i> , <b>2012</b> , 69, 1181-5		20
70	Hyperglycaemia, insulin therapy and critical penumbral regions for prognosis in acute stroke: further insights from the INSULINFARCT trial. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120230	3.7	20
69	Antidepressant short-term and long-term brain effects during self-referential processing in major depression. <i>Psychiatry Research - Neuroimaging</i> , <b>2016</b> , 247, 17-24	2.9	19
68	Neuroimaging in dementias. <i>Current Opinion in Psychiatry</i> , <b>2012</b> , 25, 473-9	4.9	19
67	Cholinergic neuronal loss in the globus pallidus of Alzheimer disease patients. <i>Neuroscience Letters</i> , <b>1991</b> , 123, 152-5	3.3	19
66	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinson's disease. <i>Brain</i> , <b>2020</b> , 143, 2757-2770	11.2	19
65	The supplementary motor area modulates interhemispheric interactions during movement preparation. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2125-2142	5.9	19
64	Atrophy, metabolism and cognition in the posterior cortical atrophy spectrum based on Alzheimer's disease cerebrospinal fluid biomarkers. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 1018-1025	5.3	19
63	Iron Imaging as a Diagnostic Tool for Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 366	4.1	18
62	Longitudinal changes in functional connectivity of cortico-basal ganglia networks in manifest and premanifest huntington's disease. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 4112-4128	5.9	18
61	The Influence of Preprocessing Steps on Graph Theory Measures Derived from Resting State fMRI. <i>Frontiers in Computational Neuroscience</i> , <b>2018</b> , 12, 8	3.5	18
60	Single-voxel (1)H spectroscopy in the human hippocampus at 3 T using the LASER sequence: characterization of neurochemical profile and reproducibility. <i>NMR in Biomedicine</i> , <b>2015</b> , 28, 1209-17	4.4	18
59	Nonconscious emotional processing involves distinct neural pathways for pictures and videos. <i>Neuropsychologia</i> , <b>2012</b> , 50, 3736-44	3.2	18
58	CATI: A Large Distributed Infrastructure for the Neuroimaging of Cohorts. <i>Neuroinformatics</i> , <b>2016</b> , 14, 253-64	3.2	18

57	Parkinson's disease with mild cognitive impairment: severe cortical thinning antedates dementia. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 180-188	4.1	18
56	Keyhole acceleration for magnetic resonance acoustic radiation force imaging (MR ARFI). <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 1695-703	3.3	17
55	Alterations of the nigrostriatal pathway in a 6-OHDA rat model of Parkinson's disease evaluated with multimodal MRI. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202597	3.7	17
54	The brain signature of paracetamol in healthy volunteers: a double-blind randomized trial. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 3853-62	4.4	16
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