

Stephane Lehericy

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Voice characteristics from isolated rapid eye movement sleep behavior disorder to early Parkinson's disease.. <i>Parkinsonism and Related Disorders</i> , 2022 , 95, 86-91	3.6	1
199	Pragmatic Approach on Neuroimaging Techniques for the Differential Diagnosis of Parkinsonisms.. <i>Movement Disorders Clinical Practice</i> , 2022 , 9, 6-19	2.2	3
198	Dopamine denervation in the functional territories of the striatum: a new MR and atlas-based I-FP-CIT SPECT quantification method. <i>Journal of Neural Transmission</i> , 2021 , 128, 1841-1852	4.3	0
197	Longitudinal Changes in Neuromelanin MRI Signal in Parkinson's Disease: A Progression Marker. <i>Movement Disorders</i> , 2021 , 36, 1592-1602	7	8
196	The spatiotemporal changes in dopamine, neuromelanin and iron characterizing Parkinson's disease. <i>Brain</i> , 2021 , 144, 3114-3125	11.2	5
195	Update on neuroimaging for categorization of Parkinson's disease and atypical parkinsonism. <i>Current Opinion in Neurology</i> , 2021 , 34, 514-524	7.1	0
194	In vivo diffusion-weighted MRS using semi-LASER in the human brain at 3 T: Methodological aspects and clinical feasibility. <i>NMR in Biomedicine</i> , 2021 , 34, e4206	4.4	3
193	Automated Categorization of Parkinsonian Syndromes Using Magnetic Resonance Imaging in a Clinical Setting. <i>Movement Disorders</i> , 2021 , 36, 460-470	7	5
192	Machine learning based white matter models with permeability: An experimental study in cuprizone treated in-vivo mouse model of axonal demyelination. <i>NeuroImage</i> , 2021 , 224, 117425	7.9	8
191	The wide spectrum of COVID-19 neuropsychiatric complications within a multidisciplinary centre. <i>Brain Communications</i> , 2021 , 3, fcab135	4.5	4
190	Dying-back of ascending noradrenergic projections in Parkinson's disease. <i>Brain</i> , 2021 , 144, 2562-2564	11.2	
189	X-Vectors: New Quantitative Biomarkers for Early Parkinson's Disease Detection From Speech. <i>Frontiers in Neuroinformatics</i> , 2021 , 15, 578369	3.9	6
188	Association of Clinical, Biological, and Brain Magnetic Resonance Imaging Findings With Electroencephalographic Findings for Patients With COVID-19. <i>JAMA Network Open</i> , 2021 , 4, e211489	10.4	8
187	Emerging Neuroimaging Biomarkers Across Disease Stage in Parkinson Disease: A Review. <i>JAMA Neurology</i> , 2021 , 78, 1262-1272	17.2	10
186	Inflammation-driven glial alterations in the cuprizone mouse model probed with diffusion-weighted magnetic resonance spectroscopy at 11.7 T. <i>NMR in Biomedicine</i> , 2021 , 34, e4480	4.4	1
185	The R1-weighted connectome: complementing brain networks with a myelin-sensitive measure. <i>Network Neuroscience</i> , 2021 , 5, 358-372	5.6	3
184	Meal-related difficulties and weight loss in older people: Longitudinal data from MAPT study. <i>Clinical Nutrition</i> , 2020 , 39, 3483-3488	5.9	1

183	Iron Imaging as a Diagnostic Tool for Parkinson's Disease: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2020 , 11, 366	4.1	18
182	Prospective Associations Between Diffusion Tensor Imaging Parameters and Frailty in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1050-1055	5.6	9
181	Multimodal Magnetic Resonance Imaging Quantification of Brain Changes in Progressive Supranuclear Palsy. <i>Movement Disorders</i> , 2020 , 35, 161-170	7	14
180	Non-invasive ultrasonic modulation of visual evoked response by GABA delivery through the blood brain barrier. <i>Journal of Controlled Release</i> , 2020 , 318, 223-231	11.7	12
179	Association of plasma YKL-40 with brain amyloid- β levels, memory performance, and sex in subjective memory complainers. <i>Neurobiology of Aging</i> , 2020 , 96, 22-32	5.6	4
178	MRI of neurodegeneration with brain iron accumulation. <i>Current Opinion in Neurology</i> , 2020 , 33, 462-473	7.1	6
177	Retrospective Observational Study of Brain MRI Findings in Patients with Acute SARS-CoV-2 Infection and Neurologic Manifestations. <i>Radiology</i> , 2020 , 297, E313-E323	20.5	77
176	The Role of Magnetic Resonance Imaging for the Diagnosis of Atypical Parkinsonism. <i>Frontiers in Neurology</i> , 2020 , 11, 665	4.1	7
175	COVID-19-related encephalopathy: a case series with brain FDG-positron-emission tomography/computed tomography findings. <i>European Journal of Neurology</i> , 2020 , 27, 2651-2657	6	73
174	Spatiotemporal changes in substantia nigra neuromelanin content in Parkinson's disease. <i>Brain</i> , 2020 , 143, 2757-2770	11.2	19
173	The spectrum of spinal cord lesions in a primate model of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 284-293	5	3
172	MRI monitoring of temperature and displacement for transcranial focus ultrasound applications. <i>NeuroImage</i> , 2020 , 204, 116236	7.9	23
171	In vivo H MRS detection of cystathionine in human brain tumors. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 1259-1265	4.4	3
170	Neural Scaffolding as the Foundation for Stable Performance of Aging Cerebellum. <i>Cerebellum</i> , 2019 , 18, 500-510	4.3	9
169	Multivariate prediction of functional outcome using lesion topography characterized by acute diffusion tensor imaging. <i>NeuroImage: Clinical</i> , 2019 , 23, 101821	5.3	11
168	Cystathionine as a marker for 1p/19q codeleted gliomas by in vivo magnetic resonance spectroscopy. <i>Neuro-Oncology</i> , 2019 , 21, 765-774	1	26
167	Clinical Integration of Automated Processing for Brain Quantitative Susceptibility Mapping: Multi-Site Reproducibility and Single-Site Robustness. <i>Journal of Neuroimaging</i> , 2019 , 29, 689-698	2.8	13
166	Early alteration of the locus coeruleus in phenotypic variants of Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 1345-1351	5.3	25

165	Acute Diffusivity Biomarkers for Prediction of Motor and Language Outcome in Mild-to-Severe Stroke Patients. <i>Stroke</i> , 2019 , 50, 2050-2056	6.7	13
164	Reducing the number of samples in spatiotemporal dMRI acquisition design. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 3218-3233	4.4	2
163	The role of dopamine in the brain - lessons learned from Parkinson's disease. <i>NeuroImage</i> , 2019 , 190, 79-93	7.9	65
162	The supplementary motor area modulates interhemispheric interactions during movement preparation. <i>Human Brain Mapping</i> , 2019 , 40, 2125-2142	5.9	19
161	Multimodal magnetic resonance imaging investigation of basal forebrain damage and cognitive deficits in Parkinson's disease. <i>Movement Disorders</i> , 2019 , 34, 516-525	7	25
160	The spinal and cerebral profile of adult spinal-muscular atrophy: A multimodal imaging study. <i>NeuroImage: Clinical</i> , 2019 , 21, 101618	5.3	32
159	Parkinson's disease with mild cognitive impairment: severe cortical thinning antedates dementia. <i>Brain Imaging and Behavior</i> , 2019 , 13, 180-188	4.1	18
158	Adapting a memory fMRI research protocol in clinical routine: Feasibility and results. <i>Epilepsy and Behavior</i> , 2018 , 81, 49-54	3.2	8
157	Cognitive and neuroimaging features and brain β -amyloidosis in individuals at risk of Alzheimer's disease (INSIGHT-preAD): a longitudinal observational study. <i>Lancet Neurology</i> , 2018 , 17, 335-346	24.1	113
156	Expanded neurochemical profile in the early stage of Huntington disease using proton magnetic resonance spectroscopy. <i>NMR in Biomedicine</i> , 2018 , 31, e3880	4.4	3
155	Highly specific determination of IDH status using edited in vivo magnetic resonance spectroscopy. <i>Neuro-Oncology</i> , 2018 , 20, 907-916	1	48
154	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S47-S105	4.3	84
153	Red blood cell membrane omega-3 fatty acid levels and physical performance: Cross-sectional data from the MAPT study. <i>Clinical Nutrition</i> , 2018 , 37, 1141-1144	5.9	15
152	Dysregulation of energy metabolism in multiple sclerosis measured in vivo with diffusion-weighted spectroscopy. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 313-321	5	8
151	Non-parametric graphnet-regularized representation of dMRI in space and time. <i>Medical Image Analysis</i> , 2018 , 43, 37-53	15.4	5
150	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1460-1467	4.4	31
149	In vivo characterization of white matter pathology in premanifest huntington's disease. <i>Annals of Neurology</i> , 2018 , 84, 497-504	9.4	29
148	Comparison of spatial normalization strategies of diffusion MRI data for studying motor outcome in subacute-chronic and acute stroke. <i>NeuroImage</i> , 2018 , 183, 186-199	7.9	7

147	The Influence of Preprocessing Steps on Graph Theory Measures Derived from Resting State fMRI. <i>Frontiers in Computational Neuroscience</i> , 2018 , 12, 8	3.5	18
146	Atrophy, metabolism and cognition in the posterior cortical atrophy spectrum based on Alzheimer's disease cerebrospinal fluid biomarkers. <i>NeuroImage: Clinical</i> , 2018 , 20, 1018-1025	5.3	19
145	Alterations of the nigrostriatal pathway in a 6-OHDA rat model of Parkinson's disease evaluated with multimodal MRI. <i>PLoS ONE</i> , 2018 , 13, e0202597	3.7	17
144	Pedunculopontine network dysfunction in Parkinson's disease with postural control and sleep disorders. <i>Movement Disorders</i> , 2017 , 32, 693-704	7	43
143	Disruption in cerebellar and basal ganglia networks during a visuospatial task in cervical dystonia. <i>Movement Disorders</i> , 2017 , 32, 757-768	7	61
142	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> , 2017 , 16, 377-389	24.1	379
141	The role of high-field magnetic resonance imaging in parkinsonian disorders: Pushing the boundaries forward. <i>Movement Disorders</i> , 2017 , 32, 510-525	7	65
140	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. <i>Cerebellum</i> , 2017 , 16, 577-594	4.3	125
139	Longitudinal changes in functional connectivity of cortico-basal ganglia networks in manifests and premanifest huntington's disease. <i>Human Brain Mapping</i> , 2016 , 37, 4112-4128	5.9	18
138	Functional Connectivity of Ventral and Dorsal Visual Streams in Posterior Cortical Atrophy. <i>Journal of Alzheimer's Disease</i> , 2016 , 51, 1119-30	4.3	31
137	Standardized Assessment of Hereditary Ataxia Patients in Clinical Studies. <i>Movement Disorders Clinical Practice</i> , 2016 , 3, 230-240	2.2	7
136	Orthostatic tremor: a cerebellar pathology?. <i>Brain</i> , 2016 , 139, 2182-97	11.2	44
135	Linear Gadolinium-Based Contrast Agents Are Associated With Brain Gadolinium Retention in Healthy Rats. <i>Investigative Radiology</i> , 2016 , 51, 73-82	10.1	157
134	The coeruleus/subcoeruleus complex in idiopathic rapid eye movement sleep behaviour disorder. <i>Brain</i> , 2016 , 139, 1180-8	11.2	105
133	Antidepressant short-term and long-term brain effects during self-referential processing in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 247, 17-24	2.9	19
132	The Brain Network of Naming: A Lesson from Primary Progressive Aphasia. <i>PLoS ONE</i> , 2016 , 11, e0148707	3.7	31
131	Cervical Spinal Cord Atrophy Profile in Adult SMN1-Linked SMA. <i>PLoS ONE</i> , 2016 , 11, e0152439	3.7	12
130	Task relevance differentially shapes ventral visual stream sensitivity to visible and invisible faces. <i>Neuroscience of Consciousness</i> , 2016 , 2016, niw021	3.3	2

129	CATI: A Large Distributed Infrastructure for the Neuroimaging of Cohorts. <i>Neuroinformatics</i> , 2016 , 14, 253-64	3.2	18
128	Robust imaging of hippocampal inner structure at 7T: in vivo acquisition protocol and methodological choices. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016 , 29, 475-89 ^{2.8}		4
127	A cortical-subcortical syntax pathway linking Broca's area and the striatum. <i>Human Brain Mapping</i> , 2015 , 36, 2270-83	5.9	31
126	Intrinsic signature of essential tremor in the cerebello-frontal network. <i>Brain</i> , 2015 , 138, 2920-33	11.2	61
125	Altered structure of cortical sulci in Gilles de la Tourette syndrome: Further support for abnormal brain development. <i>Movement Disorders</i> , 2015 , 30, 655-61	7	33
124	3D multimodal MRI brain glioma tumor and edema segmentation: a graph cut distribution matching approach. <i>Computerized Medical Imaging and Graphics</i> , 2015 , 40, 108-19	7.6	42
123	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> , 2015 , 50, 473-80	10.1	185
122	Neuroimaging of tic genesis: Present status and future perspectives. <i>Movement Disorders</i> , 2015 , 30, 1179-83		58
121	Validation of a semiautomated spinal cord segmentation method. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 454-9	5.6	14
120	Lateral Temporal Lobe: An Early Imaging Marker of the Presymptomatic GRN Disease?. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 751-9	4.3	27
119	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> , 2015 , 28, 1209-17	4.4	18
118	Hippocampal-thalamic wiring in medial temporal lobe epilepsy: Enhanced connectivity per hippocampal voxel. <i>Epilepsia</i> , 2015 , 56, 1217-26	6.4	51
117	High nigral iron deposition in LRRK2 and Parkin mutation carriers using R2* relaxometry. <i>Movement Disorders</i> , 2015 , 30, 1077-84	7	48
116	The brain signature of paracetamol in healthy volunteers: a double-blind randomized trial. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 3853-62	4.4	16
115	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> , 2015 , 10, e0122224	3.7	21
114	Foxg1-Cre Mediated Lrp2 Inactivation in the Developing Mouse Neural Retina, Ciliary and Retinal Pigment Epithelia Models Congenital High Myopia. <i>PLoS ONE</i> , 2015 , 10, e0129518	3.7	23
113	Altered structural connectivity of cortico-striato-pallido-thalamic networks in Gilles de la Tourette syndrome. <i>Brain</i> , 2015 , 138, 472-82	11.2	141
112	Aphasia severity in chronic stroke patients: a combined disconnection in the dorsal and ventral language pathways. <i>Neurorehabilitation and Neural Repair</i> , 2015 , 29, 287-95	4.7	24

111	Towards a Computer Aided Prognosis for Brain Glioblastomas Tumor Growth Estimation. <i>IEEE Transactions on Nanobioscience</i> , 2015 , 14, 727-33	3.4	11
110	Hyperglycaemia, insulin therapy and critical penumbral regions for prognosis in acute stroke: further insights from the INSULINFARCT trial. <i>PLoS ONE</i> , 2015 , 10, e0120230	3.7	20
109	Detection of volume loss in hippocampal layers in Alzheimer's disease using 7 T MRI: a feasibility study. <i>NeuroImage: Clinical</i> , 2014 , 5, 341-8	5.3	54
108	Imaging insights into basal ganglia function, Parkinson's disease, and dystonia. <i>Lancet, The</i> , 2014 , 384, 532-44	4.0	104
107	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> , 2014 , 88, 426-49	6	84
106	Combining spatial independent component analysis with regression to identify the subcortical components of resting-state FMRI functional networks. <i>Brain Connectivity</i> , 2014 , 4, 181-92	2.7	6
105	7 Tesla magnetic resonance imaging: a closer look at substantia nigra anatomy in Parkinson's disease. <i>Movement Disorders</i> , 2014 , 29, 1574-81	7	89
104	A review of the use of magnetic resonance imaging in Parkinson's disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2014 , 7, 206-20	6.6	79
103	Structural connectivity differences in left and right temporal lobe epilepsy. <i>NeuroImage</i> , 2014 , 100, 135-44	4.9	136
102	The eye of the self: precuneus volume and visual perspective during autobiographical memory retrieval. <i>Brain Structure and Function</i> , 2014 , 219, 959-68	4	104
101	Brain networks disconnection in early multiple sclerosis cognitive deficits: an anatomofunctional study. <i>Human Brain Mapping</i> , 2014 , 35, 4706-17	5.9	92
100	Multi-parametric spinal cord MRI as potential progression marker in amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2014 , 9, e95516	3.7	75
99	The structural correlates of functional deficits in early huntington's disease. <i>Human Brain Mapping</i> , 2013 , 34, 2141-53	5.9	65
98	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> , 2013 , 14, 30-8	3.6	79
97	The anatomical basis of dystonia: current view using neuroimaging. <i>Movement Disorders</i> , 2013 , 28, 944-57	5.7	123
96	Parkinson's disease patients show reduced cortical-subcortical sensorimotor connectivity. <i>Movement Disorders</i> , 2013 , 28, 447-54	7	99
95	The coeruleus/subcoeruleus complex in rapid eye movement sleep behaviour disorders in Parkinson's disease. <i>Brain</i> , 2013 , 136, 2120-9	11.2	194
94	Keyhole acceleration for magnetic resonance acoustic radiation force imaging (MR ARFI). <i>Magnetic Resonance Imaging</i> , 2013 , 31, 1695-703	3.3	17

93	RAD51 deficiency disrupts the corticospinal lateralization of motor control. <i>Brain</i> , 2013 , 136, 3333-46	11.2	52
92	A critical role for the hippocampus in the valuation of imagined outcomes. <i>PLoS Biology</i> , 2013 , 11, e1001684	5.8	61
91	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> , 2013 , 37, 836-45	5.6	24
90	Is hippocampal volume a good marker to differentiate Alzheimer's disease from frontotemporal dementia?. <i>Journal of Alzheimer's Disease</i> , 2013 , 36, 57-66	4.3	70
89	Brain dynamic neurochemical changes in dystonic patients: a magnetic resonance spectroscopy study. <i>Movement Disorders</i> , 2013 , 28, 201-9	7	43
88	Contribution of corticospinal tract and functional connectivity in hand motor impairment after stroke. <i>PLoS ONE</i> , 2013 , 8, e73164	3.7	35
87	Clinical impairment in premanifest and early Huntington's disease is associated with regionally specific atrophy. <i>Human Brain Mapping</i> , 2013 , 34, 519-29	5.9	77
86	Mapping cortico-striatal connectivity onto the cortical surface: a new tractography-based approach to study Huntington disease. <i>PLoS ONE</i> , 2013 , 8, e53135	3.7	16
85	Specific and evolving resting-state network alterations in post-concussion syndrome following mild traumatic brain injury. <i>PLoS ONE</i> , 2013 , 8, e65470	3.7	86
84	Nonconscious emotional processing involves distinct neural pathways for pictures and videos. <i>Neuropsychologia</i> , 2012 , 50, 3736-44	3.2	18
83	CSF tau markers are correlated with hippocampal volume in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012 , 33, 1253-7	5.6	76
82	Distinct patterns of anti-amyloid- β antibodies in typical and atypical Alzheimer disease. <i>Archives of Neurology</i> , 2012 , 69, 1181-5		20
81	Functional immaturity of cortico-basal ganglia networks in Gilles de la Tourette syndrome. <i>Brain</i> , 2012 , 135, 1937-46	11.2	130
80	Is radiological evaluation as good as computer-based volumetry to assess hippocampal atrophy in Alzheimer's disease?. <i>Neuroradiology</i> , 2012 , 54, 1321-30	3.2	31
79	Magnetic resonance imaging of the substantia nigra in Parkinson's disease. <i>Movement Disorders</i> , 2012 , 27, 822-30	7	62
78	Structural integrity and postconcussion syndrome in mild traumatic brain injury patients. <i>Brain Imaging and Behavior</i> , 2012 , 6, 283-92	4.1	66
77	Neuroimaging in dementias. <i>Current Opinion in Psychiatry</i> , 2012 , 25, 473-9	4.9	19
76	Prediction of subacute infarct size in acute middle cerebral artery stroke: comparison of perfusion-weighted imaging and apparent diffusion coefficient maps. <i>Radiology</i> , 2012 , 265, 511-7	20.5	10

75	Functional parcellation of the lateral mesencephalus. <i>Journal of Neuroscience</i> , 2012 , 32, 9396-401	6.6	32
74	Automatic classification of patients with Alzheimer's disease from structural MRI: a comparison of ten methods using the ADNI database. <i>NeuroImage</i> , 2011 , 56, 766-81	7.9	689
73	Spatial regularization of SVM for the detection of diffusion alterations associated with stroke outcome. <i>Medical Image Analysis</i> , 2011 , 15, 729-37	15.4	50
72	The functional neuroanatomy of dystonia. <i>Neurobiology of Disease</i> , 2011 , 42, 185-201	7.5	302
71	Tissue at risk in the deep middle cerebral artery territory is critical to stroke outcome. <i>Neuroradiology</i> , 2011 , 53, 763-71	3.2	25
70	Impact of outliers on diffusion tensor and Q-ball imaging: clinical implications and correction strategies. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 1491-502	5.6	7
69	Imaging central nervous system myelin by positron emission tomography in multiple sclerosis using [methyl- ¹¹ C]-2-(4'-methylaminophenyl)-6-hydroxybenzothiazole. <i>Annals of Neurology</i> , 2011 , 69, 673-80	9.4	144
68	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> , 2011 , 32, 999-1011	5.9	164
67	Cognitive appraisal and life stress moderate the effects of the 5-HTTLPR polymorphism on amygdala reactivity. <i>Human Brain Mapping</i> , 2011 , 32, 1856-67	5.9	37
66	Similar amyloid- β burden in posterior cortical atrophy and Alzheimer's disease. <i>Brain</i> , 2011 , 134, 2036-43	11.2	96
65	Hippocampal sclerosis in temporal lobe epilepsy: findings at 7 T. <i>Radiology</i> , 2011 , 261, 199-209	20.5	78
64	Negative affectivity, self-referential processing and the cortical midline structures. <i>Social Cognitive and Affective Neuroscience</i> , 2011 , 6, 426-33	4	84
63	Dopamine-dependent reinforcement of motor skill learning: evidence from Gilles de la Tourette syndrome. <i>Brain</i> , 2011 , 134, 2287-301	11.2	66
62	Goal-directed and habitual control in the basal ganglia: implications for Parkinson's disease. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 760-72	13.5	680
61	Magnetic resonance imaging lesion pattern in Guadeloupean parkinsonism is distinct from progressive supranuclear palsy. <i>Brain</i> , 2010 , 133, 2410-25	11.2	28
60	Distinct structural changes underpin clinical phenotypes in patients with Gilles de la Tourette syndrome. <i>Brain</i> , 2010 , 133, 3649-60	11.2	131
59	Functional MR imaging or Wada test: which is the better predictor of individual postoperative memory outcome?. <i>Radiology</i> , 2010 , 255, 128-34	20.5	61
58	Dynamics of motor-related functional integration during motor sequence learning. <i>NeuroImage</i> , 2010 , 49, 759-66	7.9	104

57	Comparison of diffusion tensor imaging tractography of language tracts and intraoperative subcortical stimulations. <i>Journal of Neurosurgery</i> , 2010 , 112, 503-11	3.2	181
56	The amnesic syndrome of hippocampal type in Alzheimer's disease: an MRI study. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 285-94	4.3	114
55	Self-referential processing and the prefrontal cortex over the course of depression: a pilot study. <i>Journal of Affective Disorders</i> , 2010 , 124, 196-201	6.6	99
54	Cholinergic mesencephalic neurons are involved in gait and postural disorders in Parkinson disease. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2745-54	15.9	301
53	Diffusion abnormalities in the primary sensorimotor pathways in writer's cramp. <i>Archives of Neurology</i> , 2009 , 66, 502-8		72
52	In search of the depressive self: extended medial prefrontal network during self-referential processing in major depression. <i>Social Cognitive and Affective Neuroscience</i> , 2009 , 4, 305-12	4	180
51	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> , 2009 , 30, 3924-33	5.9	96
50	Fully automatic hippocampus segmentation and classification in Alzheimer's disease and mild cognitive impairment applied on data from ADNI. <i>Hippocampus</i> , 2009 , 19, 579-87	3.5	227
49	A locus for bilateral occipital polymicrogyria maps to chromosome 6q16-q22. <i>Neurogenetics</i> , 2009 , 10, 35-42	3	10
48	Support vector machine-based classification of Alzheimer's disease from whole-brain anatomical MRI. <i>Neuroradiology</i> , 2009 , 51, 73-83	3.2	311
47	Contributions of the basal ganglia and functionally related brain structures to motor learning. <i>Behavioural Brain Research</i> , 2009 , 199, 61-75	3.4	491
46	"What is it?" A functional MRI and SPECT study of ictal speech in a second language. <i>Epilepsy and Behavior</i> , 2009 , 14, 396-9	3.2	7
45	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> , 2009 , 96, 55-8	3.7	54
44	Multidimensional classification of hippocampal shape features discriminates Alzheimer's disease and mild cognitive impairment from normal aging. <i>NeuroImage</i> , 2009 , 47, 1476-86	7.9	288
43	Experience of diffusion tensor imaging and 1H spectroscopy for outcome prediction in severe traumatic brain injury: Preliminary results. <i>Critical Care Medicine</i> , 2009 , 37, 1448-55	1.4	113
42	Visualization of disconnection syndromes in humans. <i>Cortex</i> , 2008 , 44, 1097-103	3.8	83
41	Discrimination between Alzheimer disease, mild cognitive impairment, and normal aging by using automated segmentation of the hippocampus. <i>Radiology</i> , 2008 , 248, 194-201	20.5	201
40	Long-term brain plasticity allowing a multistage surgical approach to World Health Organization Grade II gliomas in eloquent areas. <i>Journal of Neurosurgery</i> , 2008 , 109, 615-24	3.2	190

39	Regions, systems, and the brain: hierarchical measures of functional integration in fMRI. <i>Medical Image Analysis</i> , 2008 , 12, 484-496	15.4	60
38	Disruption of hippocampal connectivity in children and adolescents with schizophrenia--a voxel-based diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2007 , 90, 302-7	3.6	91
37	Postoperative recovery of hippocampal contralateral diffusivity in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2007 , 48, 599-604	6.4	10
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