

Jean-claude Baron

List of Publications by Year in descending order

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Version: 2024-02-01

328
papers

26,196
citations

4641

85
h-index

7931

149
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342
all docs

342
docs citations

342
times ranked

21951
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleus Accumbens D2/3 Receptors Predict Trait Impulsivity and Cocaine Reinforcement. <i>Science</i> , 2007, 315, 1267-1270.	6.0	1,074
2	Discrimination between Alzheimer Dementia and Controls by Automated Analysis of Multicenter FDG PET. <i>NeuroImage</i> , 2002, 17, 302-316.	2.1	714
3	Functional Neuroimaging Studies of Motor Recovery After Stroke in Adults. <i>Stroke</i> , 2003, 34, 1553-1566.	1.0	700
4	Motor Imagery. <i>Stroke</i> , 2006, 37, 1941-1952.	1.0	610
5	Mild cognitive impairment. <i>Neurology</i> , 2003, 60, 1374-1377.	1.5	514
6	Spontaneous neurological recovery after stroke and the fate of the ischemic penumbra. <i>Annals of Neurology</i> , 1996, 40, 216-226.	2.8	509
7	Using voxel-based morphometry to map the structural changes associated with rapid conversion in MCI: A longitudinal MRI study. <i>NeuroImage</i> , 2005, 27, 934-946.	2.1	481
8	Voxel-based mapping of irreversible ischaemic damage with PET in acute stroke. <i>Brain</i> , 1999, 122, 2387-2400.	3.7	480
9	Post-stroke plastic reorganisation in the adult brain. <i>Lancet Neurology</i> , The, 2003, 2, 493-502.	4.9	397
10	Guidance for the preparation of neurological management guidelines by EFNS scientific task forces - revised recommendations 2004*. <i>European Journal of Neurology</i> , 2004, 11, 577-581.	1.7	374
11	Early diagnosis of alzheimer's disease: contribution of structural neuroimaging. <i>NeuroImage</i> , 2003, 18, 525-541.	2.1	368
12	Voxel-based mapping of brain gray matter volume and glucose metabolism profiles in normal aging. <i>Neurobiology of Aging</i> , 2009, 30, 112-124.	1.5	344
13	Mapping gray matter loss with voxel-based morphometry in mild cognitive impairment. <i>NeuroReport</i> , 2002, 13, 1939-1943.	0.6	342
14	MCI conversion to dementia and the APOE genotype. <i>Neurology</i> , 2004, 63, 2332-2340.	1.5	332
15	Relationships between Hippocampal Atrophy, White Matter Disruption, and Gray Matter Hypometabolism in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 6174-6181.	1.7	332
16	Mapping the Ischaemic Penumbra with PET: Implications for Acute Stroke Treatment. <i>Cerebrovascular Diseases</i> , 1999, 9, 193-201.	0.8	328
17	Perfusion Thresholds in Human Cerebral Ischemia: Historical Perspective and Therapeutic Implications. <i>Cerebrovascular Diseases</i> , 2001, 11, 2-8.	0.8	321
18	Imaging of acute stroke. <i>Lancet Neurology</i> , The, 2006, 5, 755-768.	4.9	311

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19	The Pathophysiology of Watershed Infarction in Internal Carotid Artery Disease. <i>Stroke</i> , 2005, 36, 567-577.	1.0	304
20	Direct voxel-based comparison between grey matter hypometabolism and atrophy in Alzheimer's disease. <i>Brain</i> , 2007, 131, 60-71.	3.7	303
21	Cortical superficial siderosis: detection and clinical significance in cerebral amyloid angiopathy and related conditions. <i>Brain</i> , 2015, 138, 2126-2139.	3.7	295
22	Motor imagery after stroke: Relating outcome to motor network connectivity. <i>Annals of Neurology</i> , 2009, 66, 604-616.	2.8	247
23	Regional Cerebral Oxygen Consumption, Blood Flow, and Blood Volume in Healthy Human Aging. <i>Archives of Neurology</i> , 1992, 49, 1013-1020.	4.9	244
24	Dynamics of Motor Network Overactivation After Striatocapsular Stroke: A Longitudinal PET Study Using a Fixed-Performance Paradigm. <i>Stroke</i> , 2001, 32, 2534-2542.	1.0	244
25	Dissociating atrophy and hypometabolism impact on episodic memory in mild cognitive impairment. <i>Brain</i> , 2003, 126, 1955-1967.	3.7	233
26	Upper Limb Outcome Measures Used in Stroke Rehabilitation Studies: A Systematic Literature Review. <i>PLoS ONE</i> , 2016, 11, e0154792.	1.1	229
27	The Functional Neuroanatomy of Episodic Memory: The Role of the Frontal Lobes, the Hippocampal Formation, and Other Areas. <i>NeuroImage</i> , 1998, 8, 198-213.	2.1	221
28	Dopamine Release in Dissociable Striatal Subregions Predicts the Different Effects of Oral Methylphenidate on Reversal Learning and Spatial Working Memory. <i>Journal of Neuroscience</i> , 2009, 29, 4690-4696.	1.7	210
29	The relationship between motor deficit and hemisphere activation balance after stroke: A 3T fMRI study. <i>NeuroImage</i> , 2007, 34, 322-331.	2.1	209
30	Incidence and Predictors of Early Recanalization After Intravenous Thrombolysis. <i>Stroke</i> , 2016, 47, 2409-2412.	1.0	207
31	Semantic and episodic memory of music are subserved by distinct neural networks. <i>NeuroImage</i> , 2003, 20, 244-256.	2.1	199
32	Sequential relationships between grey matter and white matter atrophy and brain metabolic abnormalities in early Alzheimer's disease. <i>Brain</i> , 2010, 133, 3301-3314.	3.7	199
33	Penumbra selection of patients for trials of acute stroke therapy. <i>Lancet Neurology</i> , 2009, 8, 261-269.	4.9	193
34	Influence of Stroke Infarct Location on Functional Outcome Measured by the Modified Rankin Scale. <i>Stroke</i> , 2014, 45, 1695-1702.	1.0	193
35	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013, 44, 2628-2639.	1.0	192
36	Selective Neuronal Loss in Ischemic Stroke and Cerebrovascular Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 2-18.	2.4	192

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37	Spectrum of Transient Focal Neurological Episodes in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2012, 43, 2324-2330.	1.0	191
38	Early Postischemic Hyperperfusion: Pathophysiologic Insights from Positron Emission Tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 467-482.	2.4	187
39	How Reliable Is Perfusion MR in Acute Stroke?. <i>Stroke</i> , 2008, 39, 870-877.	1.0	183
40	Relationship between simultaneously acquired resting-state regional cerebral glucose metabolism and functional MRI: A PET/MR hybrid scanner study. <i>NeuroImage</i> , 2015, 113, 111-121.	2.1	182
41	Incidence, causes and predictors of neurological deterioration occurring within 24h following acute ischaemic stroke: a systematic review with pathophysiological implications. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 87-94.	0.9	181
42	Brain hemorrhage recurrence, small vessel disease type, and cerebral microbleeds. <i>Neurology</i> , 2017, 89, 820-829.	1.5	180
43	Resting-state brain glucose utilization as measured by PET is directly related to regional synaptophysin levels: a study in baboons. <i>NeuroImage</i> , 2003, 20, 1894-1898.	2.1	179
44	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRI-neuropathology diagnostic accuracy study. <i>Lancet Neurology</i> , The, 2022, 21, 714-725.	4.9	168
45	Intrinsic Activated Microglia Map to the Peri-infarct Zone in the Subacute Phase of Ischemic Stroke. <i>Stroke</i> , 2006, 37, 1749-1753.	1.0	163
46	Integrated software for the analysis of brain PET/SPECT studies with partial-volume-effect correction. <i>Journal of Nuclear Medicine</i> , 2004, 45, 192-201.	2.8	161
47	Enlarged perivascular spaces as a marker of underlying arteriopathy in intracerebral haemorrhage: a multicentre MRI cohort study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 624-629.	0.9	160
48	Acute ischaemic brain lesions in intracerebral haemorrhage: multicentre cross-sectional magnetic resonance imaging study. <i>Brain</i> , 2011, 134, 2376-2386.	3.7	159
49	FDG-PET measurement is more accurate than neuropsychological assessments to predict global cognitive deterioration in patients with mild cognitive impairment. <i>Neurocase</i> , 2005, 11, 14-25.	0.2	153
50	Sequential activation brain mapping after subcortical stroke: changes in hemispheric balance and recovery. <i>NeuroReport</i> , 2001, 12, 3883-3886.	0.6	151
51	White matter perivascular spaces. <i>Neurology</i> , 2014, 82, 57-62.	1.5	151
52	Clinical Scales Do Not Reliably Identify Acute Ischemic Stroke Patients With Large-Artery Occlusion. <i>Stroke</i> , 2016, 47, 1466-1472.	1.0	149
53	Does healthy aging affect the hemispheric activation balance during paced index-to-thumb opposition task? An fMRI study. <i>NeuroImage</i> , 2006, 32, 1250-1256.	2.1	146
54	Effects of Age on Brain Activation During Auditory-Cued Thumb-to-Index Opposition. <i>Stroke</i> , 2001, 32, 139-146.	1.0	142

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55	The neural substrates of episodic memory impairment in Alzheimer's disease as revealed by FDG-PET: relationship to degree of deterioration. <i>Brain</i> , 2002, 125, 1116-1124.	3.7	140
56	Cortical superficial siderosis and intracerebral hemorrhage risk in cerebral amyloid angiopathy. <i>Neurology</i> , 2013, 81, 1666-1673.	1.5	135
57	The neural correlates of inner speech defined by voxel-based lesion-symptom mapping. <i>Brain</i> , 2011, 134, 3071-3082.	3.7	132
58	Amyloid Imaging With Carbon 11-Labeled Pittsburgh Compound B for Traumatic Brain Injury. <i>JAMA Neurology</i> , 2014, 71, 23.	4.5	132
59	Re-experiencing old memories via hippocampus: a PET study of autobiographical memory. <i>NeuroImage</i> , 2004, 22, 1371-1383.	2.1	131
60	Diffusion Lesion Reversal After Thrombolysis. <i>Stroke</i> , 2012, 43, 2986-2991.	1.0	131
61	Motor Imagery After Subcortical Stroke. <i>Stroke</i> , 2009, 40, 1315-1324.	1.0	130
62	Larger temporal volume in elderly with high versus low beta-amyloid deposition. <i>Brain</i> , 2010, 133, 3349-3358.	3.7	130
63	Longitudinal brain metabolic changes from amnesic mild cognitive impairment to Alzheimer's disease. <i>Brain</i> , 2009, 132, 2058-2067.	3.7	126
64	'In the course of time': a PET study of the cerebral substrates of autobiographical amnesia in Alzheimer's disease. <i>Brain</i> , 2004, 127, 1549-1560.	3.7	125
65	Reconsidering Neuroprotection in the Reperfusion Era. <i>Stroke</i> , 2017, 48, 3413-3419.	1.0	125
66	Protecting the ischaemic penumbra as an adjunct to thrombectomy for acute stroke. <i>Nature Reviews Neurology</i> , 2018, 14, 325-337.	4.9	123
67	Stroke Treatment Academic Industry Roundtable X. <i>Stroke</i> , 2019, 50, 1026-1031.	1.0	120
68	Mapping the involvement of BA 4a and 4p during Motor Imagery. <i>NeuroImage</i> , 2008, 41, 92-99.	2.1	118
69	Periprocedural Stroke and Cardiac Catheterization. <i>Circulation</i> , 2008, 118, 678-683.	1.6	117
70	Efficient principal component analysis for multivariate 3D voxel-based mapping of brain functional imaging data sets as applied to FDG-PET and normal aging. <i>Human Brain Mapping</i> , 2003, 18, 13-21.	1.9	115
71	Neuroimaging in Stroke Recovery: A Position Paper from the First International Workshop on Neuroimaging and Stroke Recovery. <i>Cerebrovascular Diseases</i> , 2004, 18, 260-267.	0.8	115
72	Prevalence and mechanisms of cortical superficial siderosis in cerebral amyloid angiopathy. <i>Neurology</i> , 2013, 81, 626-632.	1.5	109

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73	18FDG PET in Vascular Dementia: Differentiation from Alzheimer's Disease Using Voxel-Based Multivariate Analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1213-1221.	2.4	106
74	Sequential Studies of Severely Hypometabolic Tissue Volumes After Permanent Middle Cerebral Artery Occlusion. <i>Stroke</i> , 1995, 26, 2112-2119.	1.0	102
75	Applications of Nitroimidazole In Vivo Hypoxia Imaging in Ischemic Stroke. <i>Stroke</i> , 2008, 39, 1629-1637.	1.0	101
76	Hemodynamic Factors and Perfusion Abnormalities in Early Neurological Deterioration. <i>Stroke</i> , 2009, 40, e443-50.	1.0	101
77	Microbleeds, Cerebral Hemorrhage, and Functional Outcome After Stroke Thrombolysis. <i>Stroke</i> , 2017, 48, 2084-2090.	1.0	100
78	Detecting hippocampal hypometabolism in Mild Cognitive Impairment using automatic voxel-based approaches. <i>NeuroImage</i> , 2007, 37, 18-25.	2.1	99
79	A PET study of the functional neuroanatomy of writing impairment in Alzheimer's disease The role of the left supramarginal and left angular gyri. <i>Brain</i> , 1995, 118, 697-706.	3.7	98
80	Reperfusion Within 6 Hours Outperforms Recanalization in Predicting Penumbra Salvage, Lesion Growth, Final Infarct, and Clinical Outcome. <i>Stroke</i> , 2015, 46, 1582-1589.	1.0	98
81	Executive processes in Parkinson's disease: FDG-PET and network analysis. <i>Human Brain Mapping</i> , 2004, 22, 236-245.	1.9	95
82	Unexplained Early Neurological Deterioration After Intravenous Thrombolysis. <i>Stroke</i> , 2014, 45, 2004-2009.	1.0	93
83	Does the Acute Diffusion-Weighted Imaging Lesion Represent Penumbra as Well as Core? A Combined Quantitative PET/MRI Voxel-Based Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 1249-1254.	2.4	91
84	Pathophysiology of ischaemic stroke: insights from imaging, and implications for therapy and drug discovery. <i>British Journal of Pharmacology</i> , 2008, 153, S44-54.	2.7	90
85	A positron emission tomography study of nigro-striatal dopaminergic mechanisms underlying attention: implications for ADHD and its treatment. <i>Brain</i> , 2013, 136, 3252-3270.	3.7	90
86	Does motor imagery share neural networks with executed movement: a multivariate fMRI analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 564.	1.0	90
87	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. <i>Stroke</i> , 2016, 47, 1389-1398.	1.0	88
88	The Potential for Utilizing the "Mirror Neurone System" to Enhance Recovery of the Severely Affected Upper Limb Early after Stroke: A Review and Hypothesis. <i>Neurorehabilitation and Neural Repair</i> , 2005, 19, 4-13.	1.4	87
89	Motor Imagery to Enhance Recovery After Subcortical Stroke: Who Might Benefit, Daily Dose, and Potential Effects. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 458-467.	1.4	86
90	How affected is oxygen metabolism in DWI lesions?: A combined acute stroke PET-MR study. <i>Neurology</i> , 2006, 67, 824-829.	1.5	83

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91	Early Reperfusion in the Anesthetized Baboon Reduces Brain Damage Following Middle Cerebral Artery Occlusion. <i>Stroke</i> , 1997, 28, 632-638.	1.0	82
92	Displacement of primary sensorimotor cortex activation after subcortical stroke: a longitudinal PET study with clinical correlation. <i>NeuroImage</i> , 2003, 19, 1650-1654.	2.1	80
93	Healthy aging, memory subsystems and regional cerebral oxygen consumption. <i>Neuropsychologia</i> , 1995, 33, 867-887.	0.7	79
94	Mapping the ischaemic penumbra with PET: a new approach. <i>Brain</i> , 2001, 124, 2-4.	3.7	79
95	Carotid Plaque Inflammation Is Associated With Cerebral Microembolism in Patients With Recent Transient Ischemic Attack or Stroke. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 536-541.	1.3	79
96	Transient global amnesia: implicit/explicit memory dissociation and PET assessment of brain perfusion and oxygen metabolism in the acute stage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997, 63, 357-367.	0.9	77
97	White Matter Perivascular Spaces on Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 1707-1709.	1.0	77
98	Brain kinetics and specific binding of [¹¹ C]PK 11195 to 5-HT _{2A} sites in baboons: positron emission tomography study. <i>European Journal of Pharmacology</i> , 1991, 200, 347-351.	1.7	76
99	In vivo quantitative imaging of dopamine receptors in human brain using positron emission tomography and [⁷⁶ Br]bromospiperone. <i>European Journal of Pharmacology</i> , 1985, 114, 267-272.	1.7	74
100	TIME COURSE OF EFFECTS OF UNILATERAL LESIONS OF THE NUCLEUS BASALIS OF MEYNERT ON GLUCOSE UTILIZATION BY THE CEREBRAL CORTEX. <i>Brain</i> , 1989, 112, 435-455.	3.7	74
101	Entorhinal cortex disruption causes memory deficit in early Alzheimer's disease as shown by PET. <i>NeuroReport</i> , 2001, 12, 683-685.	0.6	74
102	Can DWI-ASPECTS Substitute for Lesion Volume in Acute Stroke?. <i>Stroke</i> , 2013, 44, 3565-3567.	1.0	72
103	Clot Burden Score on Admission T2*-MRI Predicts Recanalization in Acute Stroke. <i>Stroke</i> , 2013, 44, 1878-1884.	1.0	72
104	Behavioral and Neurofunctional Changes Over Time in Healthy and Aphasic Subjects. <i>Stroke</i> , 2003, 34, 2900-2906.	1.0	70
105	Prediction of Early Neurological Deterioration in Individuals With Minor Stroke and Large Vessel Occlusion Intended for Intravenous Thrombolysis Alone. <i>JAMA Neurology</i> , 2021, 78, 321.	4.5	70
106	The Diffusion-Weighted Lesion in Acute Stroke: Heterogeneous Patterns of Flow/Metabolism Uncoupling as Assessed by Quantitative Positron Emission Tomography. <i>Cerebrovascular Diseases</i> , 2005, 19, 239-246.	0.8	66
107	How Sustained Is 24-Hour Diffusion-Weighted Imaging Lesion Reversal?. <i>Stroke</i> , 2015, 46, 704-710.	1.0	65
108	Using Positron Emission Tomography and Carbon 11- ¹¹ C-Labeled Pittsburgh Compound B to Image Brain Fibrillar A β in Adults With Down Syndrome. <i>Archives of Neurology</i> , 2011, 68, 890.	4.9	63

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109	Imaging of Brain Hypoxia in Permanent and Temporary Middle Cerebral Artery Occlusion in the Rat using ¹⁸ F-Fluoromisonidazole and Positron Emission Tomography: A Pilot Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 679-689.	2.4	62
110	Oxygen metabolism, oxygen extraction and positron emission tomography: Historical perspective and impact on basic and clinical neuroscience. <i>NeuroImage</i> , 2012, 61, 492-504.	2.1	62
111	Tissue <i>no-reflow</i> despite full recanalization following thrombectomy for anterior circulation stroke with proximal occlusion: A clinical study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 253-266.	2.4	61
112	Do FLAIR Vascular Hyperintensities beyond the DWI Lesion Represent the Ischemic Penumbra?. <i>American Journal of Neuroradiology</i> , 2015, 36, 269-274.	1.2	60
113	Amyloid positron emission tomography in sporadic cerebral amyloid angiopathy: A systematic critical update. <i>NeuroImage: Clinical</i> , 2017, 15, 247-263.	1.4	60
114	The Neural Basis of Intrusions in Free Recall and Cued Recall: A PET Study in Alzheimer's Disease. <i>NeuroImage</i> , 2002, 17, 1658-1664.	2.1	58
115	Transient Focal Neurological Episodes, Cerebral Amyloid Angiopathy, and Intracerebral Hemorrhage Risk: Looking beyond TIAs. <i>International Journal of Stroke</i> , 2013, 8, 105-108.	2.9	58
116	Watershed Infarcts in Transient Ischemic Attack/Minor Stroke With $\geq 50\%$ Carotid Stenosis. <i>Stroke</i> , 2010, 41, 1410-1416.	1.0	57
117	Hemorrhagic stroke associated with the Iowa amyloid precursor protein mutation. <i>Neurology</i> , 2003, 60, 1020-1022.	1.5	56
118	Amyloid-PET in sporadic cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 89, 1490-1498.	1.5	56
119	Progressive impairment of brain oxidative metabolism reversed by reperfusion following middle cerebral artery occlusion in anaesthetized baboons. <i>Brain Research</i> , 1997, 767, 17-25.	1.1	55
120	Perfusion CT helps decision making for thrombolysis when there is no clear time of onset. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 77, 417-419.	0.9	54
121	Diagnostic Utility of Amyloid PET in Cerebral Amyloid Angiopathy-Related Symptomatic Intracerebral Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 753-758.	2.4	53
122	Episodic memory in transient global amnesia: encoding, storage, or retrieval deficit?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999, 66, 148-154.	0.9	52
123	How Healthy Is the Acutely Reperfused Ischemic Penumbra?. <i>Cerebrovascular Diseases</i> , 2005, 20, 25-31.	0.8	52
124	Thrombolytic therapy for acute stroke in the United Kingdom: experience from the safe implementation of thrombolysis in stroke (SITS) register. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2008, 101, 863-869.	0.2	52
125	Revisiting <i>progressive stroke</i> TM : incidence, predictors, pathophysiology, and management of unexplained early neurological deterioration following acute ischemic stroke. <i>Journal of Neurology</i> , 2018, 265, 216-225.	1.8	51
126	The relationship between motor deficit and primary motor cortex hemispheric activation balance after stroke: longitudinal fMRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 788-792.	0.9	50

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127	A comparison of VLSM and VBM in a cohort of patients with post-stroke aphasia. <i>NeuroImage: Clinical</i> , 2012, 1, 37-47.	1.4	50
128	Progress in imaging stroke: emerging clinical applications. <i>British Medical Bulletin</i> , 2003, 65, 145-157.	2.7	49
129	Does stroke location predict walk speed response to gait rehabilitation?. <i>Human Brain Mapping</i> , 2016, 37, 689-703.	1.9	49
130	Imaging the ischaemic penumbra. <i>Current Opinion in Neurology</i> , 2004, 17, 61-67.	1.8	48
131	White Matter Perivascular Spaces Are Related to Cortical Superficial Siderosis in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2014, 45, 2930-2935.	1.0	48
132	Transient global amnesia: concomitant episodic memory and positron emission tomography assessment in two additional patients. <i>Neuroscience Letters</i> , 2002, 325, 62-66.	1.0	47
133	Bridging Therapy or <sc>IV</sc> Thrombolysis in Minor Stroke with Large Vessel Occlusion. <i>Annals of Neurology</i> , 2020, 88, 160-169.	2.8	47
134	Central benzodiazepine receptor occupancy by zolpidem in the human brain as assessed by positron emission tomography. <i>European Journal of Pharmacology</i> , 1996, 295, 35-44.	1.7	45
135	Is Unexplained Early Neurological Deterioration After Intravenous Thrombolysis Associated With Thrombus Extension?. <i>Stroke</i> , 2017, 48, 348-352.	1.0	45
136	The ischemic penumbra: From concept to reality. <i>International Journal of Stroke</i> , 2021, 16, 497-509.	2.9	44
137	Decomposition of metabolic brain clusters in the frontal variant of frontotemporal dementia. <i>NeuroImage</i> , 2006, 30, 871-878.	2.1	43
138	Infarction of "non-core" non-penumbra™ tissue after stroke: multivariate modelling of clinical impact. <i>Brain</i> , 2011, 134, 1765-1776.	3.7	43
139	Mechanisms of Unexplained Neurological Deterioration After Intravenous Thrombolysis. <i>Stroke</i> , 2014, 45, 3527-3534.	1.0	43
140	Outcome of Acutely Ischemic Brain Tissue in Prolonged Middle Cerebral Artery Occlusion: A Serial Positron Emission Tomography Investigation in the Baboon. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 495-508.	2.4	42
141	Role of hippocampal CA1 atrophy in memory encoding deficits in amnesic Mild Cognitive Impairment. <i>NeuroImage</i> , 2012, 59, 3309-3315.	2.1	42
142	Magnetic Resonance Imaging-DRAGON Score. <i>Stroke</i> , 2013, 44, 1323-1328.	1.0	42
143	¹¹ C-Labeled ketanserin: A selective serotonin 5 ₂ antagonist. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1983, 20, 73-78.	0.5	41
144	Microbleed Status and 3-Month Outcome After Intravenous Thrombolysis in 717 Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2458-2463.	1.0	41

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145	Post-Thrombolysis Recanalization in Stroke Referrals for Thrombectomy. <i>Stroke</i> , 2018, 49, 2975-2982.	1.0	41
146	Morphological and Glucose Metabolism Abnormalities in Alcoholic Korsakoff's Syndrome: Group Comparisons and Individual Analyses. <i>PLoS ONE</i> , 2009, 4, e7748.	1.1	40
147	Emission tomography contribution to clinical neurology. <i>Clinical Neurophysiology</i> , 1999, 110, 2-23.	0.7	39
148	Fluid-Attenuated Inversion Recovery Vascular Hyperintensitiesâ€“Diffusion-Weighted Imaging Mismatch Identifies Acute Stroke Patients Most Likely to Benefit From Recanalization. <i>Stroke</i> , 2016, 47, 424-427.	1.0	39
149	Quantitative Assessment of Hand Spasticity After Stroke: Imaging Correlates and Impact on Motor Recovery. <i>Frontiers in Neurology</i> , 2019, 10, 836.	1.1	39
150	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. <i>International Journal of Stroke</i> , 2019, 14, 956-971.	2.9	39
151	A Risk Score Including Carotid Plaque Inflammation and Stenosis Severity Improves Identification of Recurrent Stroke. <i>Stroke</i> , 2020, 51, 838-845.	1.0	39
152	Recanalization before Thrombectomy in Tenecteplase vs. Alteplase-Treated Drip-and-Ship Patients. <i>Journal of Stroke</i> , 2019, 21, 105-107.	1.4	39
153	Contributions of frontal and medial temporal regions to verbal episodic memory: A PET study. <i>NeuroReport</i> , 2001, 12, 1737-1741.	0.6	38
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