

Joan Montaner

List of Publications by Year in descending order

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363
papers

22,586
citations

7096

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times ranked

22708
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-Enhanced Systemic Thrombolysis for Acute Ischemic Stroke. <i>New England Journal of Medicine</i> , 2004, 351, 2170-2178.	27.0	1,006
2	European Stroke Organisation (ESO) Guidelines for the Management of Spontaneous Intracerebral Hemorrhage. <i>International Journal of Stroke</i> , 2014, 9, 840-855.	5.9	638
3	Matrix Metalloproteinase-9 Pretreatment Level Predicts Intracranial Hemorrhagic Complications After Thrombolysis in Human Stroke. <i>Circulation</i> , 2003, 107, 598-603.	1.6	494
4	MMP-9â€“Positive Neutrophil Infiltration Is Associated to Bloodâ€“Brain Barrier Breakdown and Basal Lamina Type IV Collagen Degradation During Hemorrhagic Transformation After Human Ischemic Stroke. <i>Stroke</i> , 2008, 39, 1121-1126.	2.0	466
5	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2012, 11, 951-962.	10.2	445
6	Microbubble Administration Accelerates Clot Lysis During Continuous 2-MHz Ultrasound Monitoring in Stroke Patients Treated With Intravenous Tissue Plasminogen Activator. <i>Stroke</i> , 2006, 37, 425-429.	2.0	431
7	Increased Brain Expression of Matrix Metalloproteinase-9 After Ischemic and Hemorrhagic Human Stroke. <i>Stroke</i> , 2006, 37, 1399-1406.	2.0	382
8	Tandem Internal Carotid Artery/Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2006, 37, 2301-2305.	2.0	350
9	Matrix Metalloproteinase Expression After Human Cardioembolic Stroke. <i>Stroke</i> , 2001, 32, 1759-1766.	2.0	327
10	Diagnosis of Stroke-Associated Pneumonia. <i>Stroke</i> , 2015, 46, 2335-2340.	2.0	275
11	Etiologic Diagnosis of Ischemic Stroke Subtypes With Plasma Biomarkers. <i>Stroke</i> , 2008, 39, 2280-2287.	2.0	264
12	Variants at APOE influence risk of deep and lobar intracerebral hemorrhage. <i>Annals of Neurology</i> , 2010, 68, 934-943.	5.3	241
13	Timing of Spontaneous Recanalization and Risk of Hemorrhagic Transformation in Acute Cardioembolic Stroke. <i>Stroke</i> , 2001, 32, 1079-1084.	2.0	235
14	Effects of Admission Hyperglycemia on Stroke Outcome in Reperfused Tissue Plasminogen Activatorâ€“Treated Patients. <i>Stroke</i> , 2003, 34, 1235-1240.	2.0	235
15	Meta-analysis of Genome-wide Association Studies Identifies 1q22 as a Susceptibility Locus for Intracerebral Hemorrhage. <i>American Journal of Human Genetics</i> , 2014, 94, 511-521.	6.2	235
16	Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 885-894.	10.2	229
17	Thrombolysis-Related Hemorrhagic Infarction. <i>Stroke</i> , 2002, 33, 1551-1556.	2.0	224
18	Tissue Plasminogen Activator Promotes Matrix Metalloproteinase-9 Upregulation After Focal Cerebral Ischemia. <i>Stroke</i> , 2005, 36, 1954-1959.	2.0	215

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19	Higher Risk of Further Vascular Events Among Transient Ischemic Attack Patients With Diffusion-Weighted Imaging Acute Ischemic Lesions. <i>Stroke</i> , 2004, 35, 2313-2319.	2.0	210
20	Intra-Arterial Bone Marrow Mononuclear Cells in Ischemic Stroke. <i>Stroke</i> , 2012, 43, 2242-2244.	2.0	208
21	Patterns and Predictors of Early Risk of Recurrence After Transient Ischemic Attack With Respect to Etiologic Subtypes. <i>Stroke</i> , 2007, 38, 3225-3229.	2.0	204
22	Statin Therapy and Outcome After Ischemic Stroke. <i>Stroke</i> , 2013, 44, 448-456.	2.0	200
23	Temporal Profile of Matrix Metalloproteinases and Their Inhibitors After Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2004, 35, 1316-1322.	2.0	199
24	Predictors of Early Arterial Reocclusion After Tissue Plasminogen Activator-Induced Recanalization in Acute Ischemic Stroke. <i>Stroke</i> , 2005, 36, 1452-1456.	2.0	199
25	Progression and Clinical Recurrence of Symptomatic Middle Cerebral Artery Stenosis. <i>Stroke</i> , 2001, 32, 2898-2904.	2.0	198
26	Acute Hyperglycemia State Is Associated With Lower tPA-Induced Recanalization Rates in Stroke Patients. <i>Stroke</i> , 2005, 36, 1705-1709.	2.0	198
27	Searching for Atrial Fibrillation Poststroke. <i>Circulation</i> , 2019, 140, 1834-1850.	1.6	184
28	Brain hemorrhage recurrence, small vessel disease type, and cerebral microbleeds. <i>Neurology</i> , 2017, 89, 820-829.	1.1	180
29	Differential Pattern of Tissue Plasminogen Activator-Induced Proximal Middle Cerebral Artery Recanalization Among Stroke Subtypes. <i>Stroke</i> , 2004, 35, 486-490.	2.0	178
30	Safety and efficacy of natalizumab in patients with acute ischaemic stroke (ACTION): a randomised, placebo-controlled, double-blind phase 2 trial. <i>Lancet Neurology</i> , The, 2017, 16, 217-226.	10.2	176
31	Consensus statement for diagnosis of subcortical small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 6-25.	4.3	173
32	VEGF-Induced BBB Permeability is Associated with an MMP-9 Activity Increase in Cerebral ischemia: Both Effects Decreased by ANG-1. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1491-1504.	4.3	172
33	C-Reactive Protein Predicts Further Ischemic Events in First-Ever Transient Ischemic Attack or Stroke Patients With Intracranial Large-Artery Occlusive Disease. <i>Stroke</i> , 2003, 34, 2463-2468.	2.0	171
34	Multilevel omics for the discovery of biomarkers and therapeutic targets for stroke. <i>Nature Reviews Neurology</i> , 2020, 16, 247-264.	10.1	167
35	Prediction of Early Neurological Deterioration Using Diffusion- and Perfusion-Weighted Imaging in Hyperacute Middle Cerebral Artery Ischemic Stroke. <i>Stroke</i> , 2002, 33, 2197-2205.	2.0	160
36	Matrix metalloproteinase-9 concentration after spontaneous intracerebral hemorrhage. <i>Journal of Neurosurgery</i> , 2003, 99, 65-70.	1.6	156

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37	Time Course of Tissue Plasminogen Activator-Induced Recanalization in Acute Cardioembolic Stroke. <i>Stroke</i> , 2001, 32, 2821-2827.	2.0	152
38	A Matrix Metalloproteinase Protein Array Reveals a Strong Relation Between MMP-9 and MMP-13 With Diffusion-Weighted Image Lesion Increase in Human Stroke. <i>Stroke</i> , 2005, 36, 1415-1420.	2.0	146
39	Astrocytic Induction of Matrix Metalloproteinase-9 and Edema in Brain Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 460-468.	4.3	145
40	Impact of Admission Hyperglycemia on Stroke Outcome After Thrombolysis. <i>Stroke</i> , 2004, 35, 2493-2498.	2.0	138
41	Metalloproteinase and stroke infarct size: role for anti-inflammatory treatment?. <i>Annals of the New York Academy of Sciences</i> , 2010, 1207, 123-133.	3.8	133
42	Stroke-induced immunodepression and dysphagia independently predict stroke-associated pneumonia – The PREDICT study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3671-3682.	4.3	133
43	B-Type Natriuretic Peptides Help in Cardioembolic Stroke Diagnosis. <i>Stroke</i> , 2015, 46, 1187-1195.	2.0	132
44	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2016, 15, 695-707.	10.2	130
45	Safety and Efficacy of Intravenous Tissue Plasminogen Activator Stroke Treatment in the 3- to 6-Hour Window Using Multimodal Transcranial Doppler/MRI Selection Protocol. <i>Stroke</i> , 2005, 36, 602-606.	2.0	128
46	Break in the Stroke Chain of Survival due to COVID-19. <i>Stroke</i> , 2020, 51, 2307-2314.	2.0	125
47	Elevated Serum S100B Levels Indicate a Higher Risk of Hemorrhagic Transformation After Thrombolytic Therapy in Acute Stroke. <i>Stroke</i> , 2007, 38, 2491-2495.	2.0	124
48	Outcome markers for clinical trials in cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2014, 13, 419-428.	10.2	124
49	How Is Pneumonia Diagnosed in Clinical Stroke Research?. <i>Stroke</i> , 2015, 46, 1202-1209.	2.0	124
50	Temporal Profile of Recanalization After Intravenous Tissue Plasminogen Activator. <i>Stroke</i> , 2006, 37, 1000-1004.	2.0	119
51	Tissue plasminogen activator (t-PA) promotes neutrophil degranulation and MMP-9 release. <i>Journal of Leukocyte Biology</i> , 2008, 84, 207-214.	3.3	118
52	Increased intranuclear matrix metalloproteinase activity in neurons interferes with oxidative DNA repair in focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2010, 112, 134-149.	3.9	118
53	EuroHYP-1: European Multicenter, Randomized, Phase III Clinical Trial of Therapeutic Hypothermia plus Best Medical Treatment vs. Best Medical Treatment Alone for Acute Ischemic Stroke. <i>International Journal of Stroke</i> , 2014, 9, 642-645.	5.9	118
54	Neuronal Production of Lipocalin-2 as a Help-Me Signal for Glial Activation. <i>Stroke</i> , 2014, 45, 2085-2092.	2.0	117

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55	Impaired Cerebrovascular Reactivity as a Risk Marker for First-Ever Lacunar Infarction. <i>Stroke</i> , 1999, 30, 2296-2301.	2.0	116
56	Plasmatic Level of Neuroinflammatory Markers Predict the Extent of Diffusion-Weighted Image Lesions in Hyperacute Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1403-1407.	4.3	116
57	Admission Fibrinolytic Profile Is Associated With Symptomatic Hemorrhagic Transformation in Stroke Patients Treated With Tissue Plasminogen Activator. <i>Stroke</i> , 2004, 35, 2123-2127.	2.0	111
58	Immunomodulation by interleukin-33 is protective in stroke through modulation of inflammation. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 322-336.	4.1	107
59	Sequential Amyloid- β Degradation by the Matrix Metalloproteases MMP-2 and MMP-9. <i>Journal of Biological Chemistry</i> , 2015, 290, 15078-15091.	3.4	107
60	Blood Biomarkers for the Early Diagnosis of Stroke. <i>Stroke</i> , 2017, 48, 2419-2425.	2.0	107
61	Common variation in <i>COL4A1/COL4A2</i> is associated with sporadic cerebral small vessel disease. <i>Neurology</i> , 2015, 84, 918-926.	1.1	106
62	Protective Effects of Endothelial Progenitor Cell-Derived Extracellular Mitochondria in Brain Endothelium. <i>Stem Cells</i> , 2018, 36, 1404-1410.	3.2	106
63	Hyperfibrinolysis increases blood-brain barrier permeability by a plasmin- and bradykinin-dependent mechanism. <i>Blood</i> , 2016, 128, 2423-2434.	1.4	104
64	A large screening of angiogenesis biomarkers and their association with neurological outcome after ischemic stroke. <i>Atherosclerosis</i> , 2011, 216, 205-211.	0.8	103
65	Prognostic value of blood interleukin-6 in the prediction of functional outcome after stroke: A systematic review and meta-analysis. <i>Journal of Neuroimmunology</i> , 2014, 274, 215-224.	2.3	100
66	Thrombin-Activable Fibrinolysis Inhibitor Levels in the Acute Phase of Ischemic Stroke. <i>Stroke</i> , 2003, 34, 1038-1040.	2.0	96
67	Inhibition of 12/15-lipoxygenase as therapeutic strategy to treat stroke. <i>Annals of Neurology</i> , 2013, 73, 129-135.	5.3	96
68	Ischemic stroke outcome: A review of the influence of post-stroke complications within the different scenarios of stroke care. <i>European Journal of Internal Medicine</i> , 2016, 29, 9-21.	2.2	94
69	Vascular MMP-9/TIMP-2 and Neuronal MMP-10 Up-Regulation in Human Brain after Stroke: A Combined Laser Microdissection and Protein Array Study. <i>Journal of Proteome Research</i> , 2009, 8, 3191-3197.	3.7	93
70	Factors Secreted by Endothelial Progenitor Cells Enhance Neurorepair Responses after Cerebral Ischemia in Mice. <i>PLoS ONE</i> , 2013, 8, e73244.	2.5	93
71	Poststroke C-Reactive Protein Is a Powerful Prognostic Tool Among Candidates for Thrombolysis. <i>Stroke</i> , 2006, 37, 1205-1210.	2.0	90
72	Brain Extracellular Fluid Protein Changes in Acute Stroke Patients. <i>Journal of Proteome Research</i> , 2011, 10, 1043-1051.	3.7	90

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73	Intraplaque MMP-8 levels are increased in asymptomatic patients with carotid plaque progression on ultrasound. <i>Atherosclerosis</i> , 2006, 187, 161-169.	0.8	89
74	Progression of Symptomatic Intracranial Large Artery Atherosclerosis Is Associated With a Proinflammatory State and Impaired Fibrinolysis. <i>Stroke</i> , 2008, 39, 1456-1463.	2.0	89
75	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. <i>Neurology</i> , 2014, 83, 678-685.	1.1	89
76	Heritability Estimates Identify a Substantial Genetic Contribution to Risk and Outcome of Intracerebral Hemorrhage. <i>Stroke</i> , 2013, 44, 1578-1583.	2.0	88
77	The choroid plexus is a key cerebral invasion route for T cells after stroke. <i>Acta Neuropathologica</i> , 2017, 134, 851-868.	7.7	87
78	Admission fibrinolytic profile predicts clot lysis resistance in stroke patients treated with tissue plasminogen activator. <i>Thrombosis and Haemostasis</i> , 2004, 91, 1146-1151.	3.4	86
79	<i>TTC7B</i> Emerges as a Novel Risk Factor for Ischemic Stroke Through the Convergence of Several Genome-Wide Approaches. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1061-1072.	4.3	86
80	Oxidative Stress After Thrombolysis-Induced Reperfusion in Human Stroke. <i>Stroke</i> , 2010, 41, 653-660.	2.0	83
81	B-type natriuretic peptides and mortality after stroke. <i>Neurology</i> , 2013, 81, 1976-1985.	1.1	82
82	Neuroinflammatory biomarkers: From stroke diagnosis and prognosis to therapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 411-424.	3.8	79
83	Blood/Brain Biomarkers of Inflammation After Stroke and Their Association With Outcome: From C-Reactive Protein to Damage-Associated Molecular Patterns. <i>Neurotherapeutics</i> , 2016, 13, 671-684.	4.4	78
84	Moderate and severe traumatic brain injury induce early overexpression of systemic and brain gelatinases. <i>Intensive Care Medicine</i> , 2008, 34, 1384-1392.	8.2	77
85	ADAMTS proteoglycanases in the physiological and pathological central nervous system. <i>Journal of Neuroinflammation</i> , 2013, 10, 133.	7.2	77
86	Inflammatory molecules might become both biomarkers and therapeutic targets for stroke management. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641878934.	3.5	77
87	The Association of the 4q25 Susceptibility Variant for Atrial Fibrillation With Stroke Is Limited to Stroke of Cardioembolic Etiology. <i>Stroke</i> , 2010, 41, 1850-1857.	2.0	76
88	Prior Statin Use May Be Associated With Improved Stroke Outcome After Tissue Plasminogen Activator. <i>Stroke</i> , 2007, 38, 1076-1078.	2.0	75
89	MMP2/MMP9 Plasma Level and Brain Expression in Cerebral Amyloid Angiopathy-Associated Hemorrhagic Stroke. <i>Brain Pathology</i> , 2012, 22, 133-141.	4.1	73
90	Short-Term Blood Pressure Variability Relates to the Presence of Subclinical Brain Small Vessel Disease in Primary Hypertension. <i>Hypertension</i> , 2015, 66, 634-640.	2.7	72

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91	Matrix Metalloproteinases in Alzheimer's Disease and Concurrent Cerebral Microbleeds. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 711-720.	2.6	71
92	Evidence for the efficacy of statins in animal stroke models: a meta-analysis. <i>Journal of Neurochemistry</i> , 2012, 122, 233-243.	3.9	70
93	Mobilization, endothelial differentiation and functional capacity of endothelial progenitor cells after ischemic stroke. <i>Microvascular Research</i> , 2010, 80, 317-323.	2.5	69
94	Pharmacogenomic polygenic response score predicts ischaemic events and cardiovascular mortality in clopidogrel-treated patients. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 203-210.	3.0	69
95	Differentiating ischemic from hemorrhagic stroke using plasma biomarkers: The S100B/RAGE pathway. <i>Journal of Proteomics</i> , 2012, 75, 4758-4765.	2.4	68
96	Interleukin-1 β Augments Angiogenic Responses of Murine Endothelial Progenitor Cells <i>in Vitro</i> . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 933-943.	4.3	66
97	Plasma VAP-1/SSAO Activity Predicts Intracranial Hemorrhages and Adverse Neurological Outcome After Tissue Plasminogen Activator Treatment in Stroke. <i>Stroke</i> , 2010, 41, 1528-1535.	2.0	66
98	Endothelial Progenitor Cell Secretome and Oligovascular Repair in a Mouse Model of Prolonged Cerebral Hypoperfusion. <i>Stroke</i> , 2018, 49, 1003-1010.	2.0	66
99	Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 54-61.	1.9	64
100	Antibodies Preventing the Interaction of Tissue-Type Plasminogen Activator With N-Methyl-D-Aspartate Receptors Reduce Stroke Damages and Extend the Therapeutic Window of Thrombolysis. <i>Stroke</i> , 2011, 42, 2315-2322.	2.0	63
101	Role of Blood-Based Biomarkers in Ischemic Stroke Prognosis. <i>Stroke</i> , 2021, 52, 543-551.	2.0	63
102	Systematic Review of Cysteine-Sparing NOTCH3 Missense Mutations in Patients with Clinical Suspicion of CADASIL. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1964.	4.1	62
103	Matrix Metalloproteinase-13 is Activated and is found in the Nucleus of Neural Cells after Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 398-410.	4.3	61
104	Arterial Stiffness Is Associated With Basal Ganglia Enlarged Perivascular Spaces and Cerebral Small Vessel Disease Load. <i>Stroke</i> , 2018, 49, 1279-1281.	2.0	61
105	Safety Profile of Tissue Plasminogen Activator Treatment Among Stroke Patients Carrying a Common Polymorphism (C-1562T) in the Promoter Region of the Matrix Metalloproteinase-9 Gene. <i>Stroke</i> , 2003, 34, 2851-2855.	2.0	60
106	Reduction of Tissue Plasminogen Activator-Induced Matrix Metalloproteinase-9 by Simvastatin in Astrocytes. <i>Stroke</i> , 2006, 37, 1910-1912.	2.0	60
107	Brain Perihematoma Genomic Profile Following Spontaneous Human Intracerebral Hemorrhage. <i>PLoS ONE</i> , 2011, 6, e16750.	2.5	60
108	Potential Role of Blood Biomarkers in the Management of Nontraumatic Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 2014, 38, 395-409.	1.7	59

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109	Plasma S100B Level After Acute Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2006, 37, 2837-2839.	2.0	58
110	Combination of Thrombolysis and Statins in Acute Stroke Is Safe. <i>Stroke</i> , 2016, 47, 2870-2873.	2.0	58
111	<i>COL4A2</i> is associated with lacunar ischemic stroke and deep ICH. <i>Neurology</i> , 2017, 89, 1829-1839.	1.1	58
112	Rapid synthesis of water-dispersible superparamagnetic iron oxide nanoparticles by a microwave-assisted route for safe labeling of endothelial progenitor cells. <i>Acta Biomaterialia</i> , 2014, 10, 3775-3785.	8.3	57
113	Charge effect of a liposomal delivery system encapsulating simvastatin to treat experimental ischemic stroke in rats. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3035-3048.	6.7	56
114	Distal Occlusion of the Middle Cerebral Artery in Mice: Are We Ready to Assess Long-Term Functional Outcome?. <i>Translational Stroke Research</i> , 2013, 4, 297-307.	4.2	55
115	Cognitive Impact of Cerebral Small Vessel Disease Changes in Patients With Hypertension. <i>Hypertension</i> , 2019, 73, 342-349.	2.7	55
116	Natalizumab in acute ischemic stroke (ACTION II). <i>Neurology</i> , 2020, 95, e1091-e1104.	1.1	55
117	Pretreatment Hemostatic Markers of Symptomatic Intracerebral Hemorrhage in Patients Treated With Tissue Plasminogen Activator. <i>Stroke</i> , 2006, 37, 996-999.	2.0	54
118	Role of Fibrinogen Levels and Factor XIII V34L Polymorphism in Thrombolytic Therapy in Stroke Patients. <i>Stroke</i> , 2006, 37, 2288-2293.	2.0	54
119	Association of a Genetic Variant in the <i>ALOX5AP</i> with Higher Risk of Ischemic Stroke: A Case-Control, Meta-Analysis and Functional Study. <i>Cerebrovascular Diseases</i> , 2010, 29, 528-537.	1.7	54
120	Do Bubble Characteristics Affect Recanalization in Stroke Patients Treated with Microbubble-Enhanced Sonothrombolysis?. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 1573-1577.	1.5	53
121	In vitro angiogenic performance and in vivo brain targeting of magnetized endothelial progenitor cells for neurorepair therapies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 225-234.	3.3	53
122	Angiogenesis in Symptomatic Intracranial Atherosclerosis. <i>Stroke</i> , 2005, 36, 92-97.	2.0	52
123	SARS-CoV-2 and Stroke Characteristics. <i>Stroke</i> , 2021, 52, e117-e130.	2.0	51
124	Genetics of stroke: a review of recent advances. <i>Expert Review of Molecular Diagnostics</i> , 2008, 8, 495-513.	3.1	49
125	Automated quantification of cerebral edema following hemispheric infarction: Application of a machine-learning algorithm to evaluate CSF shifts on serial head CTs. <i>NeuroImage: Clinical</i> , 2016, 12, 673-680.	2.7	49
126	Plasmatic retinol-binding protein 4 and glial fibrillary acidic protein as biomarkers to differentiate ischemic stroke and intracerebral hemorrhage. <i>Journal of Neurochemistry</i> , 2016, 136, 416-424.	3.9	49

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127	<i>PATJ</i> Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. <i>Circulation Research</i> , 2019, 124, 114-120.	4.5	49
128	Usefulness of ADAMTS13 to predict response to recanalization therapies in acute ischemic stroke. <i>Neurology</i> , 2018, 90, e995-e1004.	1.1	48
129	Therapeutic hypothermia for acute ischaemic stroke. Results of a European multicentre, randomised, phase III clinical trial. <i>European Stroke Journal</i> , 2019, 4, 254-262.	5.5	48
130	Silent Myocardial Ischemia in Patients With Symptomatic Intracranial Atherosclerosis. <i>Stroke</i> , 2005, 36, 1201-1206.	2.0	46
131	Speed of tPA-Induced Clot Lysis Predicts DWI Lesion Evolution in Acute Stroke. <i>Stroke</i> , 2007, 38, 955-960.	2.0	46
132	Global DNA Methylation of Ischemic Stroke Subtypes. <i>PLoS ONE</i> , 2014, 9, e96543.	2.5	46
133	<i>TRAF3</i> Epigenetic Regulation Is Associated With Vascular Recurrence in Patients With Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1180-1186.	2.0	46
134	Yield of atrial fibrillation detection with Textile Wearable Holter from the acute phase of stroke: Pilot study of Crypto-AF registry. <i>International Journal of Cardiology</i> , 2018, 251, 45-50.	1.7	46
135	European Research Priorities for Intracerebral Haemorrhage. <i>Cerebrovascular Diseases</i> , 2011, 32, 409-419.	1.7	45
136	Modulation of Amyloid- β 40 Transport by ApoA1 and ApoJ Across an in vitro Model of the Blood-Brain Barrier. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 677-691.	2.6	45
137	Endothelial progenitor cells and revascularization following stroke. <i>Brain Research</i> , 2015, 1623, 150-159.	2.2	44
138	Platelet function testing in transient ischaemic attack and ischaemic stroke: A comprehensive systematic review of the literature. <i>Platelets</i> , 2015, 26, 402-412.	2.3	44
139	The Proteome of Human Brain After Ischemic Stroke. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 1105-1115.	1.7	43
140	Matrix Metalloproteinase 2 (MMP-2) Degrades Soluble Vasculotropic Amyloid- β E22Q and L34V Mutants, Delaying Their Toxicity for Human Brain Microvascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 27144-27158.	3.4	43
141	Intra-Arterial Bone Marrow Mononuclear Cells (BM-MNCS) Transplantation in Acute Ischemic Stroke (IBiS Trial): Protocol of a Phase II, Randomized, Dose-Finding, Controlled Multicenter Trial. <i>International Journal of Stroke</i> , 2015, 10, 1149-1152.	5.9	43
142	Matrix metalloproteinases and ADAMs in stroke. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3117-3140.	5.4	43
143	Association of Apolipoprotein E With Intracerebral Hemorrhage Risk by Race/Ethnicity. <i>JAMA Neurology</i> , 2019, 76, 480.	9.0	43
144	Recommendations for Clinical Trials in ICH. <i>Stroke</i> , 2020, 51, 1333-1338.	2.0	42

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145	Plasma β -Amyloid Levels in Cerebral Amyloid Angiopathy-Associated Hemorrhagic Stroke. <i>Neurodegenerative Diseases</i> , 2012, 10, 320-323.	1.4	41
146	VAP-1/SSAO Plasma Activity and Brain Expression in Human Hemorrhagic Stroke. <i>Cerebrovascular Diseases</i> , 2012, 33, 55-63.	1.7	41
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