

# Michael Tymianski

## List of Publications by Year in descending order

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151  
papers

15,699  
citations

22132

59  
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17090

122  
g-index

152  
all docs

152  
docs citations

152  
times ranked

15788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamate receptors, neurotoxicity and neurodegeneration. Pflugers Archiv European Journal of Physiology, 2010, 460, 525-542.	1.3	936
2	Treatment of Ischemic Brain Damage by Perturbing NMDA Receptor- PSD-95 Protein Interactions. Science, 2002, 298, 846-850.	6.0	927
3	Specific Coupling of NMDA Receptor Activation to Nitric Oxide Neurotoxicity by PSD-95 Protein. Science, 1999, 284, 1845-1848.	6.0	755
4	A Key Role for TRPM7 Channels in Anoxic Neuronal Death. Cell, 2003, 115, 863-877.	13.5	722
5	Molecular mechanisms of calcium-dependent neurodegeneration in excitotoxicity. Cell Calcium, 2003, 34, 325-337.	1.1	690
6	NMDA Receptor Subunits Have Differential Roles in Mediating Excitotoxic Neuronal Death Both In Vitro and In Vivo. Journal of Neuroscience, 2007, 27, 2846-2857.	1.7	674
7	Novel concepts in excitotoxic neurodegeneration after stroke. Expert Reviews in Molecular Medicine, 2003, 5, 1-22.	1.6	647
8	Calcium, ischemia and excitotoxicity. Cell Calcium, 2010, 47, 122-129.	1.1	610
9	Molecular Mechanisms of Glutamate Receptor-Mediated Excitotoxic Neuronal Cell Death. Molecular Neurobiology, 2001, 24, 107-130.	1.9	474
10	Molecular mechanisms of calcium-dependent excitotoxicity. Journal of Molecular Medicine, 2000, 78, 3-13.	1.7	406
11	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. Lancet, The, 2020, 395, 878-887.	6.3	400
12	The Natural History and Predictive Features of Hemorrhage From Brain Arteriovenous Malformations. Stroke, 2009, 40, 100-105.	1.0	384
13	Treatment of stroke with a PSD-95 inhibitor in the gyrencephalic primate brain. Nature, 2012, 483, 213-217.	13.7	370
14	Safety and efficacy of NA-1 in patients with iatrogenic stroke after endovascular aneurysm repair (ENACT): a phase 2, randomised, double-blind, placebo-controlled trial. Lancet Neurology, The, 2012, 11, 942-950.	4.9	351
15	Somatic Activating <i>KRAS</i> Mutations in Arteriovenous Malformations of the Brain. New England Journal of Medicine, 2018, 378, 250-261.	13.9	330
16	Suppression of hippocampal TRPM7 protein prevents delayed neuronal death in brain ischemia. Nature Neuroscience, 2009, 12, 1300-1307.	7.1	259
17	Normal and Abnormal Calcium Homeostasis in Neurons: A Basis for the Pathophysiology of Traumatic and Ischemic Central Nervous System Injury. Neurosurgery, 1996, 38, 1176-1195.	0.6	239
18	Distinct Influx Pathways, Not Calcium Load, Determine Neuronal Vulnerability to Calcium Neurotoxicity. Journal of Neurochemistry, 1998, 71, 2349-2364.	2.1	234

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19	Distinct Roles of Synaptic and Extrasynaptic NMDA Receptors in Excitotoxicity. <i>Journal of Neuroscience</i> , 2000, 20, 22-33.	1.7	227
20	Targeting NMDA receptors in stroke: new hope in neuroprotection. <i>Molecular Brain</i> , 2018, 11, 15.	1.3	217
21	Cell-permeant Ca <sup>2+</sup> chelators reduce early excitotoxic and ischemic neuronal injury in vitro and in vivo. <i>Neuron</i> , 1993, 11, 221-235.	3.8	215
22	Beyond NMDA and AMPA glutamate receptors: emerging mechanisms for ionic imbalance and cell death in stroke. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 268-275.	4.0	206
23	PDZ Protein Interactions Underlying NMDA Receptor-Mediated Excitotoxicity and Neuroprotection by PSD-95 Inhibitors. <i>Journal of Neuroscience</i> , 2007, 27, 9901-9915.	1.7	180
24	Effectiveness of PSD95 Inhibitors in Permanent and Transient Focal Ischemia in the Rat. <i>Stroke</i> , 2008, 39, 2544-2553.	1.0	175
25	Normal and Abnormal Calcium Homeostasis in Neurons: A Basis for the Pathophysiology of Traumatic and Ischemic Central Nervous System Injury. <i>Neurosurgery</i> , 1996, 38, 1176-1195.	0.6	151
26	Specific Targeting of Pro-Death NMDA Receptor Signals with Differing Reliance on the NR2B PDZ Ligand. <i>Journal of Neuroscience</i> , 2008, 28, 10696-10710.	1.7	146
27	Intracranial aneurysms: from vessel wall pathology to therapeutic approach. <i>Nature Reviews Neurology</i> , 2011, 7, 547-559.	4.9	146
28	Secondary Ca <sup>2+</sup> overload indicates early neuronal injury which precedes staining with viability indicators. <i>Brain Research</i> , 1993, 607, 319-323.	1.1	139
29	Stroke Treatment Academic Industry Roundtable X. <i>Stroke</i> , 2019, 50, 1026-1031.	1.0	120
30	Mechanisms and Effects of Intracellular Calcium Buffering on Neuronal Survival in Organotypic Hippocampal Cultures Exposed to Anoxia/Aglycemia or to Excitotoxins. <i>Journal of Neuroscience</i> , 1997, 17, 3538-3553.	1.7	119
31	Molecular Mechanisms Underlying Specificity of Excitotoxic Signaling in Neurons. <i>Current Molecular Medicine</i> , 2004, 4, 137-147.	0.6	118
32	TRPMs and neuronal cell death. <i>Pflügers Archiv European Journal of Physiology</i> , 2005, 451, 243-249.	1.3	118
33	Emerging mechanisms of disrupted cellular signaling in brain ischemia. <i>Nature Neuroscience</i> , 2011, 14, 1369-1373.	7.1	118
34	Nonhuman Primate Models of Stroke for Translational Neuroprotection Research. <i>Neurotherapeutics</i> , 2012, 9, 371-379.	2.1	117
35	Vulnerability of Central Neurons to Secondary Insults after In Vitro Mechanical Stretch. <i>Journal of Neuroscience</i> , 2004, 24, 8106-8123.	1.7	114
36	Translational Stroke Research. <i>Stroke</i> , 2017, 48, 2632-2637.	1.0	108

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37	Ca <sup>2+</sup> -dependent induction of TRPM2 currents in hippocampal neurons. <i>Journal of Physiology</i> , 2009, 587, 965-979.	1.3	107
38	TRPM7 channels in hippocampal neurons detect levels of extracellular divalent cations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16323-16328.	3.3	105
39	Preoperative and postoperative mapping of cerebrovascular reactivity in moyamoya disease by using blood oxygen level <sup>independent</sup> dependent magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2005, 103, 347-355.	0.9	95
40	Steal physiology is spatially associated with cortical thinning. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 290-293.	0.9	95
41	Microsurgery for ARUBA Trial (A Randomized Trial of Unruptured Brain Arteriovenous) Tj ETQq1 1 0.784314 rgBT /Qverlock 10 Tf 50 582 1.0 94	1.0	94
42	Involvement of Caspase-6 and Caspase-8 in Neuronal Apoptosis and the Regenerative Failure of Injured Retinal Ganglion Cells. <i>Journal of Neuroscience</i> , 2011, 31, 10494-10505.	1.7	92
43	A Translational Paradigm for the Preclinical Evaluation of the Stroke Neuroprotectant Tat-NR2B9c in Gyrencephalic Nonhuman Primates. <i>Science Translational Medicine</i> , 2012, 4, 154ra133.	5.8	92
44	Impaired Cerebrovascular Reactivity With Steal Phenomenon Is Associated With Increased Diffusion in White Matter of Patients With Moyamoya Disease. <i>Stroke</i> , 2010, 41, 1610-1616.	1.0	90
45	Modulation of NMDAR Subunit Expression by TRPM2 Channels Regulates Neuronal Vulnerability to Ischemic Cell Death. <i>Journal of Neuroscience</i> , 2013, 33, 17264-17277.	1.7	87
46	Novel treatment of excitotoxicity: targeted disruption of intracellular signalling from glutamate receptors. <i>Biochemical Pharmacology</i> , 2003, 66, 877-886.	2.0	79
47	Impaired peri-nidal cerebrovascular reserve in seizure patients with brain arteriovenous malformations. <i>Brain</i> , 2011, 134, 100-109.	3.7	79
48	Neurotransmitters in the mediation of cerebral ischemic injury. <i>Neuropharmacology</i> , 2018, 134, 178-188.	2.0	76
49	A Discriminative Prediction Model of Neurological Outcome for Patients Undergoing Surgery of Brain Arteriovenous Malformations. <i>Stroke</i> , 2006, 37, 1457-1464.	1.0	74
50	Three-Dimensional In Vivo Modeling of Vestibular Schwannomas and Surrounding Cranial Nerves With Diffusion Imaging Tractography. <i>Neurosurgery</i> , 2011, 68, 1077-1083.	0.6	74
51	Impact of Extracranial <sup>Intracranial</sup> Bypass on Cerebrovascular Reactivity and Clinical Outcome in Patients With Symptomatic Moyamoya Vasculopathy. <i>Stroke</i> , 2011, 42, 3047-3054.	1.0	74
52	Neuroprotection by Freezing Ischemic Penumbra Evolution Without Cerebral Blood Flow Augmentation With a Postsynaptic Density-95 Protein Inhibitor. <i>Stroke</i> , 2011, 42, 3265-3270.	1.0	73
53	Mechanism of Action and Persistence of Neuroprotection by Cell-Permeant Ca <sup>2+</sup> Chelators. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 911-923.	2.4	71
54	Novel Approaches to Neuroprotection Trials in Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2942-2950.	1.0	70

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55	Discovery and development of NA-1 for the treatment of acute ischemic stroke. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 661-668.	2.8	69
56	Natural History and Management of Basilar Trunk Artery Aneurysms. <i>Stroke</i> , 2015, 46, 948-953.	1.0	67
57	Impact of Cytoplasmic Calcium Buffering on the Spatial and Temporal Characteristics of Intercellular Calcium Signals in Astrocytes. <i>Journal of Neuroscience</i> , 1997, 17, 7359-7371.	1.7	64
58	Inhibition of Caspase-Mediated Apoptosis by Peroxynitrite in Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2006, 26, 11540-11553.	1.7	64
59	Impact of individual intracranial arterial aneurysm morphology on initial obliteration and recurrence rates of endovascular treatments: a multivariate analysis. <i>Journal of Neurosurgery</i> , 2011, 114, 994-1002.	0.9	64
60	Surgical Revascularization Reverses Cerebral Cortical Thinning in Patients With Severe Cerebrovascular Steno-Occlusive Disease. <i>Stroke</i> , 2011, 42, 1631-1637.	1.0	64
61	A simple relationship between radiological arteriovenous malformation hemodynamics and clinical presentation: a prospective, blinded analysis of 31 cases. <i>Journal of Neurosurgery</i> , 1999, 90, 673-679.	0.9	62
62	Dependence of NMDA/GSK-3 $\beta$ Mediated Metaplasticity on TRPM2 Channels at Hippocampal CA3-CA1 Synapses. <i>Molecular Brain</i> , 2011, 4, 44.	1.3	57
63	Management of peripheral nerve sheath tumors: 17 years of experience at Toronto Western Hospital. <i>Journal of Neurosurgery</i> , 2018, 128, 1226-1234.	0.9	57
64	TRPM7 and Ischemic CNS Injury. <i>Neuroscientist</i> , 2005, 11, 116-123.	2.6	54
65	The Influence of Glutamate Receptor 2 Expression on Excitotoxicity in GluR2 Null Mutant Mice. <i>Journal of Neuroscience</i> , 2001, 21, 2224-2239.	1.7	53
66	Translating promising preclinical neuroprotective therapies to human stroke trials. <i>Expert Review of Cardiovascular Therapy</i> , 2011, 9, 433-449.	0.6	46
67	Can Molecular and Cellular Neuroprotection Be Translated Into Therapies for Patients?. <i>Stroke</i> , 2010, 41, S87-90.	1.0	45
68	Natural History and Outcome After Treatment of Unruptured Intradural Fusiform Aneurysms. <i>Stroke</i> , 2014, 45, 3251-3256.	1.0	44
69	Combining Neuroprotection With Endovascular Treatment of Acute Stroke. <i>Stroke</i> , 2017, 48, 1700-1705.	1.0	44
70	The contribution of imaging in diagnosis, preoperative assessment, and follow-up of moyamoya disease. <i>Neurosurgical Focus</i> , 2009, 26, E3.	1.0	43
71	Intraoperative biplanar rotational angiography during neurovascular surgery. <i>Journal of Neurosurgery</i> , 2009, 111, 188-192.	0.9	42
72	Enhanced Vulnerability to NMDA Toxicity in Sublethal Traumatic Neuronal Injury In Vitro. <i>Journal of Neurotrauma</i> , 2003, 20, 1377-1395.	1.7	41

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73	Assessing the effect of unilateral cerebral revascularisation on the vascular reactivity of the non-intervened hemisphere: a retrospective observational study. <i>BMJ Open</i> , 2015, 5, e006014-e006014.	0.8	41
74	Severely impaired cerebrovascular reserve in patients with cerebral proliferative angiopathy. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 310-315.	0.8	39
75	Minimally Invasive Microsurgery for Cerebral Aneurysms. <i>Stroke</i> , 2015, 46, 2699-2706.	1.0	39
76	Determination of the Time Course and Extent of Neurotoxicity at Defined Temperatures in Cultured Neurons Using a Modified Multiwell Plate Fluorescence Scanner. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997, 17, 455-463.	2.4	38
77	Neuroprotective Effects of a PSD-95 Inhibitor in Neonatal Hypoxic-Ischemic Brain Injury. <i>Molecular Neurobiology</i> , 2016, 53, 5962-5970.	1.9	35
78	Symptomatic enlargement of an occluded giant carotido-ophthalmic aneurysm after endovascular treatment: the vasa vasorum theory. <i>Acta Neurochirurgica</i> , 2009, 151, 1153-1158.	0.9	33
79	Characterization of Neuroprotection from Excitotoxicity by Moderate and Profound Hypothermia in Cultured Cortical Neurons Unmasks a Temperature-Insensitive Component of Glutamate Neurotoxicity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 848-867.	2.4	31
80	Multidisciplinary care of occipital arteriovenous malformations: effect on nonhemorrhagic headache, vision, and outcome in a series of 135 patients. <i>Journal of Neurosurgery</i> , 2010, 113, 742-748.	0.9	31
81	Day Surgery Craniotomy for Unruptured Cerebral Aneurysms. <i>Journal of Neurosurgical Anesthesiology</i> , 2014, 26, 60-64.	0.6	29
82	A safety, length of stay, and cost analysis of minimally invasive microsurgery for anterior circulation aneurysms. <i>Acta Neurochirurgica</i> , 2014, 156, 493-503.	0.9	29
83	Efficacy of the PSD95 inhibitor Tat-NR2B9c in mice requires dose translation between species. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 555-561.	2.4	28
84	PHASES and ELAPSS Scores Are Associated with Aneurysm Growth: A Study of 431 Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2018, 114, e425-e432.	0.7	28
85	Embolization with Temporary Balloon Occlusion of the Internal Carotid Artery and In Vivo Proton Spectroscopy Improves Radical Removal of Petrous-tentorial Meningioma. <i>Neurosurgery</i> , 1994, 35, 974-977.	0.6	27
86	Voltage-sensitive calcium channels mediate calcium entry into cultured mammalian sympathetic neurons following neurite transection. <i>Brain Research</i> , 1996, 719, 239-246.	1.1	27
87	Cellular schwannoma of the abducens nerve: Case report and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 467-471.	0.6	26
88	Radiologic Patterns of Intracranial Hemorrhage and Clinical Outcome after Endovascular Treatment in Acute Ischemic Stroke: Results from the ESCAPE-NA1 Trial. <i>Radiology</i> , 2021, 300, 402-409.	3.6	26
89	Analysis of cost related to clinical and angiographic outcomes of aneurysm patients enrolled in the international subarachnoid aneurysm trial in a North American setting. <i>Neurosurgery</i> , 2005, 56, 886-94; discussion 886-94.	0.6	26
90	Plasmin-resistant PSD-95 inhibitors resolve effect-modifying drug-drug interactions between alteplase and nerinetide in acute stroke. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	25

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91	Disappointments and advances in acute stroke intervention. <i>Nature Reviews Neurology</i> , 2014, 10, 66-68.	4.9	24
92	Postoperative Assessment of Clipped Aneurysms With 64-Slice Computerized Tomography Angiography. <i>Neurosurgery</i> , 2010, 67, 844-854.	0.6	23
93	A Detailed Analysis of Infarct Patterns and Volumes at 24-hour Noncontrast CT and Diffusion-weighted MRI in Acute Ischemic Stroke Due to Large Vessel Occlusion: Results from the ESCAPE-NA1 Trial. <i>Radiology</i> , 2021, 300, 152-159.	3.6	22
94	Advances in Stroke 2017. <i>Stroke</i> , 2018, 49, e174-e199.	1.0	21
95	The Extended Lateral Supraorbital Approach and Extradural Anterior Clinoidectomy Through a Frontopterio-Orbital Window: Technical Note and Pilot Surgical Series. <i>World Neurosurgery</i> , 2017, 100, 159-166.	0.7	20
96	Challenges in the Management of Ruptured and Unruptured Brainstem Arteriovenous Malformations. <i>Neurosurgery</i> , 2012, 70, 155-161.	0.6	19
97	Neuroprotective therapies: Preclinical reproducibility is only part of the problem. <i>Science Translational Medicine</i> , 2015, 7, 299fs32.	5.8	19
98	Pituitary Adenoma Associated with Intraventricular Meningioma: Case Report. <i>Skull Base</i> , 2007, 17, 347-351.	0.4	18
99	Gamma Knife radiosurgery for the treatment of intracranial dural arteriovenous fistulas. <i>Interventional Neuroradiology</i> , 2017, 23, 211-220.	0.7	17
100	Strength of Association between Infarct Volume and Clinical Outcome Depends on the Magnitude of Infarct Size: Results from the ESCAPE-NA1 Trial. <i>American Journal of Neuroradiology</i> , 2021, 42, 1375-1379.	1.2	17
101	Assessment of Discrepancies Between Follow-up Infarct Volume and 90-Day Outcomes Among Patients With Ischemic Stroke Who Received Endovascular Therapy. <i>JAMA Network Open</i> , 2021, 4, e2132376.	2.8	17
102	The Use of Propidium Iodide to Assess Excitotoxic Neuronal Death in Primary Mixed Cortical Cultures. <i>Methods in Molecular Biology</i> , 2007, 399, 15-29.	0.4	16
103	Endovascular treatment of intracranial vertebrobasilar artery dissecting aneurysms: Parent artery occlusion versus flow diverter. <i>European Journal of Radiology</i> , 2018, 99, 68-75.	1.2	15
104	Interval angioarchitectural evolution of brain arteriovenous malformations following rupture. <i>Journal of Neurosurgery</i> , 2019, 131, 96-103.	0.9	15
105	Alteration of neuronal calcium homeostasis and excitotoxic vulnerability by chronic depolarization. <i>Brain Research</i> , 1994, 648, 291-295.	1.1	13
106	Deep Brain Stimulation rescues memory and synaptic activity in a rat model of global ischemia. <i>Journal of Neuroscience</i> , 2019, 39, 1222-18.	1.7	13
107	BOLD MRI and early impairment of cerebrovascular reserve after aneurysmal subarachnoid hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 972-979.	1.9	12
108	Assessment of extracranialâ€œintracranial bypass patency with 64-slice multidetector computerized tomography angiography. <i>Neuroradiology</i> , 2009, 51, 505-515.	1.1	11

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109	Aspirin as a Promising Agent for Decreasing Incidence of Cerebral Aneurysm Rupture. <i>Stroke</i> , 2011, 42, 3003-3004.	1.0	11
110	The impact of postsynaptic density 95 blocking peptide (Tat-PSD95) and an iNOS inhibitor (1400W) on proteomic profile of the hippocampus in C57BL/6J mouse model of kainate-induced epileptogenesis. <i>Journal of Neuroscience Research</i> , 2019, 97, 1378-1392.	1.3	11
111	Management and outcome of patients with acute ischemic stroke and tandem carotid occlusion in the ESCAPE-NA1 trial. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 429-433.	2.0	11
112	Imaging criteria across pivotal randomized controlled trials for late window thrombectomy patient selection. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 985-989.	2.0	10
113	Endovascular Occlusion of Basilar Bifurcation Aneurysms With Electrolytically Detachable Coils. <i>Canadian Journal of Neurological Sciences</i> , 1999, 26, 172-181.	0.3	9
114	Safety, efficacy, and cost of surgery for patients with unruptured aneurysms deemed unsuitable for endovascular therapy. <i>Acta Neurochirurgica</i> , 2015, 157, 2061-2070.	0.9	9
115	Long-term changes in cerebrovascular reactivity following EC-IC bypass for intracranial steno-occlusive disease. <i>Journal of Clinical Neuroscience</i> , 2018, 54, 77-82.	0.8	9
116	Clinical impact of EVT with failed reperfusion in patients with acute ischemic stroke: results from the ESCAPE and ESCAPE-NA1 trials. <i>Neuroradiology</i> , 2021, 63, 1883-1889.	1.1	9
117	Priority Setting in Neurosurgery as Exemplified by an Everyday Challenge. <i>Canadian Journal of Neurological Sciences</i> , 2013, 40, 378-383.	0.3	8
118	NEUROPROTECTION IN VITRO AND IN VIVO BY CELL MEMBRANE-PERMEANT Ca <sup>2+</sup> CHELATORS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, 299-300.	0.9	7
119	Transmastoid Partial Labyrinthectomy for Brainstem Vascular Lesions: Clinical Outcomes and Assessment of Postoperative Cochleovestibular Function. <i>Skull Base</i> , 2006, 16, 133-143.	0.4	7
120	Partial Labyrinthectomy Approach for Brainstem Vascular Lesions. <i>The Journal of Otolaryngology</i> , 2001, 30, 224.	0.6	6
121	Association of Iatrogenic Infarcts With Clinical and Cognitive Outcomes in the Evaluating Neuroprotection in Aneurysm Coiling Therapy Trial. <i>Neurology</i> , 2022, 98, e1446-e1458.	1.5	6
122	Novel EEG pattern associated with impaired cerebrovascular reserve in Moyamoya disease. <i>Clinical Neurophysiology</i> , 2014, 125, 422-425.	0.7	5
123	Iatrogenic Diffusion-Weighted Imaging Lesions. <i>Stroke</i> , 2021, 52, 1929-1936.	1.0	5
124	Predictors and clinical impact of infarct progression rate in the ESCAPE-NA1 trial. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 886-891.	2.0	5
125	Symptomatic non-atherosclerotic bilateral extracranial vertebral artery occlusion treated with extracranial to intracranial bypass: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 664-667.	0.3	5
126	Advances in Stroke. <i>Stroke</i> , 2013, 44, 316-317.	1.0	4



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127	Management of Residual Brain Arteriovenous Malformations After Stereotactic Radiosurgery. <i>World Neurosurgery</i> , 2018, 116, e1105-e1113.	0.7	4
128	Clinical outcomes of isolated deep grey matter infarcts after endovascular treatment of large vessel occlusion stroke. <i>Neuroradiology</i> , 2021, 63, 1463-1469.	1.1	4
129	Mice and Rats Exhibit Striking Inter-species Differences in Gene Response to Acute Stroke. <i>Cellular and Molecular Neurobiology</i> , 2021, , 1.	1.7	4
130	Evaluating Outcome Prediction Models in Endovascular Stroke Treatment Using Baseline, Treatment, and Posttreatment Variables. , 2021, 1, .		4
131	Association of Stent-Retriever Characteristics in Establishing Successful Reperfusion During Mechanical Thrombectomy. <i>Clinical Neuroradiology</i> , 2022, 32, 799-807.	1.0	4
132	A Single-Center, Prospective Analysis of the Natural History of Hemorrhage from Brain Arteriovenous Malformations with or without Associated Aneurysms. <i>Neurosurgery</i> , 2005, 57, 396-397.	0.6	3
133	Microsurgical glue embolectomy of the middle cerebral artery following embolization of a maxillofacial arteriovenous malformation. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1733-1736.	0.8	2
134	Advances in Vascular Neurosurgery 2010. <i>Stroke</i> , 2011, 42, 288-290.	1.0	2
135	The endoscopic transpterional port approach: anatomy, technique, and initial clinical experience. <i>Journal of Neurosurgery</i> , 2020, 132, 884-894.	0.9	2
136	Final Results of the Prospective Multicenter Excimer Laser-Assisted High-Flow Bypass Study on the Treatment of Giant Anterior Circulation Aneurysms. <i>Neurosurgery</i> , 2020, 87, 697-703.	0.6	2
137	Neuroprotectants Targeting NMDA Receptor Signaling. , 2014, , 1381-1402.		2
138	Calcium and Neuronal Death in Spinal Neurons. , 2000, , 23-55.		2
139	Is Calcium Involved in Excitotoxic or Ischemic Neuronal Damage?. , 1997, , 190-192.		2
140	Peptide action in stroke therapy. <i>Expert Opinion on Biological Therapy</i> , 2003, 3, 1093-1104.	1.4	1
141	The Impact of ARUBA on the Management of Unruptured Brain Arteriovenous Malformations : Review of Literature. <i>Japanese Journal of Neurosurgery</i> , 2015, 24, 605-613.	0.0	1
142	Reassessing Alberta Stroke Program Early CT Score on Non-Contrast CT Based on Degree and Extent of Ischemia. <i>Journal of Stroke</i> , 2021, 23, 440-442.	1.4	1
143	Neuroprotective Strategies in Epilepsy. <i>Advances in Experimental Medicine and Biology</i> , 2000, 497, 209-224.	0.8	1
144	Calcium and Cellular Death. , 1998, , 267-290.		1

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145	Disrupting Protein-Protein Interaction: Therapeutic Tools Against Brain Damage. , 2005, , 255-289.		0
146	Prophylactic antiemetics and incidence of ponv in microvascular decompressive surgery. Canadian Journal of Anaesthesia, 2006, 53, 26388-26388.	0.7	0
147	Subunit-specific effects of NMDA receptor signaling: Implications for stroke. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S431-S431.	2.4	0
148	Role of TRPM7 in Ischemic CNS Injury. , 2009, , 175-188.		0
149	Neurosurgery for Cerebral Arteriovenous Malformations (AVMs). , 2014, , 1-29.		0
150	Approaches in Treating Nerve Cell Death with Calcium Chelators. , 1999, , 609-631.		0
151	Neurosurgery for Cerebral Arteriovenous Malformations (AVMs). , 2015, , 2877-2901.		0