

Robert M Friedlander

List of Publications by Year in descending order

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Version: 2024-02-01

231
papers

17,148
citations

25423

59
h-index

16791

127
g-index

234
all docs

234
docs citations

234
times ranked

17342
citing authors

#	ARTICLE	IF	CITATIONS
1	Acquired Chiari Type I Malformation Associated with Type IV Dural Arteriovenous Fistula: Case Report. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2024, 85, 094-099.	0.4	0
2	Ventriculoperitoneal Shunt Failure Due to Distal Peritoneal Catheter Kinking. <i>American Journal of Case Reports</i> , 2022, 23, e935077.	0.3	0
3	Loss of MAT2A compromises methionine metabolism and represents a vulnerability in H3K27M mutant glioma by modulating the epigenome. <i>Nature Cancer</i> , 2022, 3, 629-648.	5.7	16
4	MEDB-88. BAF60C/SMARCD3-mediated novel neurodevelopmental epigenomic program promotes metastatic dissemination in medulloblastoma. <i>Neuro-Oncology</i> , 2022, 24, i127-i127.	0.6	0
5	Endoscopic Endonasal Resection of Cranio-Cervical Junction Chordoma and Ventral Chiari Decompression: A Case Report. <i>Operative Neurosurgery</i> , 2021, 21, E421-E426.	0.4	0
6	A case series of hypersensitivity reactions to ventriculoperitoneal shunt material. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 84-87.	0.8	1
7	Neuronal mitochondrial dysfunction in sporadic amyotrophic lateral sclerosis is developmentally regulated. <i>Scientific Reports</i> , 2021, 11, 18916.	1.6	19
8	Two hit mitochondrial-driven model of synapse loss in neurodegeneration. <i>Neurobiology of Disease</i> , 2021, 158, 105451.	2.1	10
9	Impact of Frailty on Outcomes Following Spine Surgery: A Prospective Cohort Analysis of 668 Patients. <i>Neurosurgery</i> , 2021, 88, 552-557.	0.6	36
10	Neurocardiac Injury Assessed by Strain Imaging Is Associated With In-Hospital Mortality in Patients With Subarachnoid Hemorrhage. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 535-546.	2.3	21
11	Mir-155 knockout protects against ischemia/reperfusion-induced brain injury and hemorrhagic transformation. <i>NeuroReport</i> , 2020, 31, 235-239.	0.6	16
12	Brain arteriovenous malformations. <i>Neurology</i> , 2020, 95, 917-927.	1.5	96
13	Visual Evoked Potentials and Intraoperative Awakening in Ophthalmic Artery Sacrifice During Aneurysm Clipping: 2 Cases and Literature Review. <i>World Neurosurgery</i> , 2020, 139, 395-400.	0.7	4
14	Patient Education and Engagement Through Multimedia: A Prospective Pilot Study on Health Literacy in Patients with Cerebral Aneurysms. <i>World Neurosurgery</i> , 2020, 138, e819-e826.	0.7	12
15	Urgent Treatment for Symptomatic Carotid Stenosis: The Pittsburgh Revascularization and Treatment Emergently After Stroke (PIRATES) Protocol. <i>Neurosurgery</i> , 2020, 87, 811-815.	0.6	13
16	Melatonin inhibits cytosolic mitochondrial DNA-induced neuroinflammatory signaling in accelerated aging and neurodegeneration. <i>Journal of Clinical Investigation</i> , 2020, 130, 3124-3136.	3.9	104
17	Scrubbing technique and surgical site infections: an analysis of 14,200 neurosurgical cases. <i>Journal of Neurosurgery</i> , 2020, 133, 580-587.	0.9	2
18	Spatial convergence of distant cortical regions during folding explains why arteries do not cross the sylvian fissure. <i>Journal of Neurosurgery</i> , 2020, 133, 1960-1969.	0.9	4

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19	Causes of hospital readmissions within 7 days from the neurosurgical service of a quaternary referral hospital. , 2020, 11, 226.		0
20	Comparative durability and costs analysis of ventricular shunts. Journal of Neurosurgery, 2019, 130, 1252-1259.	0.9	24
21	Resuming Anticoagulation After Cerebral Intraparenchymal Hemorrhageâ€”Reply. JAMA - Journal of the American Medical Association, 2019, 322, 694.	3.8	1
22	Utility of surveillance imaging for spontaneous intracerebral hemorrhage. Journal of Clinical Neuroscience, 2019, 69, 132-138.	0.8	0
23	Mutant huntingtin disrupts mitochondrial proteostasis by interacting with TIM23. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16593-16602.	3.3	66
24	Increased Serotonin Transporter Expression in Huntingtonâ€™s Disease Patients Is Not Consistently Replicated in Murine Models. Journal of Huntington's Disease, 2019, 8, 449-457.	0.9	5
25	Solving Health Care's â€œIron Triangleâ€ Neurosurgical Perspective. World Neurosurgery, 2019, 123, 244-245.	0.7	1
26	A Genome-Wide Analysis of the Penumbra Volume in Inbred Mice following Middle Cerebral Artery Occlusion. Scientific Reports, 2019, 9, 5070.	1.6	2
27	Cerebral Intraparenchymal Hemorrhage. JAMA - Journal of the American Medical Association, 2019, 321, 1295.	3.8	206
28	In Reply to "Letter to the Editor Regarding Meningitis or Xenograft: What Is Incriminating for Cerebrospinal Fluid Diversion in Arnold Chiari Malformation Type 1?". World Neurosurgery, 2019, 131, 310.	0.7	0
29	Mitochondria modulate programmed neuritic retraction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 650-659.	3.3	29
30	The SCFFBXO3 ubiquitin E3 ligase regulates inflammation in atherosclerosis. Journal of Molecular and Cellular Cardiology, 2019, 126, 50-59.	0.9	7
31	Observations from Social Media Regarding the Symptomatology of Adult Hydrocephalus Patients. World Neurosurgery, 2019, 122, e307-e314.	0.7	6
32	Regional Molecular Signature of the Symptomatic Atherosclerotic Carotid Plaque. Neurosurgery, 2019, 85, E284-E293.	0.6	14
33	Risk-to-Benefit Ratio of Venous Thromboembolism Prophylaxis for Neurosurgical Procedures at a Quaternary Referral Center. Neurosurgery, 2019, 84, 355-361.	0.6	16
34	Research Update in Neuroscience for Neurosurgeons: a historical perspective. Journal of Neurosurgery, 2019, 131, 639-648.	0.9	1
35	Reply to Ahluwalia et al.: Contributions of melatonin receptors are tissue-dependent. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1944.	3.3	6
36	Cost-Effectiveness of Postoperative Ketamine in Chiari Decompression. World Neurosurgery, 2018, 110, e599-e604.	0.7	5

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37	Medical Malpractice in Neurosurgery: A Comprehensive Analysis. World Neurosurgery, 2018, 110, e552-e559.	0.7	57
38	Implementation of an infection prevention bundle and increased physician awareness improves surgical outcomes and reduces costs associated with spine surgery. Journal of Neurosurgery: Spine, 2018, 29, 108-114.	0.9	29
39	Commentary: The Continuing Evolution of the Department of Neurological Surgery at the University of Pittsburgh. Neurosurgery, 2018, 82, E125-E131.	0.6	4
40	Reducing Surgical Infections and Implant Costs via a Novel Paradigm of Enhanced Physician Awareness. Neurosurgery, 2018, 82, 661-669.	0.6	9
41	The epitrigeminal approach to the brainstem. Journal of Neurosurgery, 2018, 128, 1512-1521.	0.9	10
42	Cost of coils for intracranial aneurysms: clinical decision analysis for implementation of a capitation model. Journal of Neurosurgery, 2018, 128, 1792-1798.	0.9	9
43	Protection of melatonin in experimental models of newborn hypoxic-ischemic brain injury through <sc>MT</sc>1 receptor. Journal of Pineal Research, 2018, 64, e12443.	3.4	62
44	Exclusive use of fixed pressure valves for cerebrospinal fluid diversion in a modern adult cohort. Heliyon, 2018, 4, e01099.	1.4	7
45	Isolation of Highly Purified and Functionally Active Synaptic Mitochondria. Neuromethods, 2018, , 153-163.	0.2	0
46	Duraplasty Type as a Predictor of Meningitis and Shunting After Chiari I Decompression. World Neurosurgery, 2018, 118, e778-e783.	0.7	13
47	Vasopressor Infusion After Subarachnoid Hemorrhage Does Not Increase Regional Cerebral Tissue Oxygenation. Journal of Neuroscience Nursing, 2018, 50, 225-230.	0.7	6
48	Left Sylvian Fissure Epidermoid Cyst Presenting with Progressive Aphasia. World Neurosurgery, 2018, 120, 363-367.	0.7	1
49	Treatment of ruptured and unruptured cerebral aneurysms in the USA: a paradigm shift. Journal of NeuroInterventional Surgery, 2018, 10, i69-i76.	2.0	72
50	Melatonin improves quality and longevity of chronic neural recording. Biomaterials, 2018, 180, 225-239.	5.7	65
51	Long-Term Outcomes After Carotid Endarterectomy: The Experience of an Average-Volume Surgeon. World Neurosurgery, 2018, 118, e52-e58.	0.7	6
52	A Quantitative Systems Pharmacology Approach to Infer Pathways Involved in Complex Disease Phenotypes. Methods in Molecular Biology, 2018, 1787, 207-222.	0.4	3
53	High-definition Fiber Tractography as Surgical Adjunct for Management of Hyper-eloquent Brain Lesions. US Neurology, 2018, 14, 78.	0.2	0
54	Financial burden associated with the residency match in neurological surgery. Journal of Neurosurgery, 2017, 126, 184-190.	0.9	66

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55	Design and validation of the first cell-impermeant melatonin receptor agonist. <i>British Journal of Pharmacology</i> , 2017, 174, 2409-2421.	2.7	49
56	Systemic anti-miR-337-3p delivery inhibits cerebral ischemia-mediated injury. <i>Neurobiology of Disease</i> , 2017, 105, 156-163.	2.1	16
57	Is There a Formula for Residency Selection of Future Academic Neurosurgeons?. <i>World Neurosurgery</i> , 2017, 105, 988-989.	0.7	4
58	Somatosensory Evoked Potentials During Temporary Arterial Occlusion for Intracranial Aneurysm Surgery: Predictive Value for Perioperative Stroke. <i>World Neurosurgery</i> , 2017, 104, 442-451.	0.7	16
59	Minocycline in Multiple Sclerosis – Compelling Results but Too Early to Tell. <i>New England Journal of Medicine</i> , 2017, 376, 2191-2193.	13.9	8
60	Dual role of mitochondria in producing melatonin and driving GPCR signaling to block cytochrome c release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7997-E8006.	3.3	285
61	Perioperative stroke after cerebral aneurysm clipping: Risk factors and postoperative impact. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 188-195.	0.8	12
62	Rotational Vertebral Artery Dissection Secondary to Anomalous Entrance into Transverse Foramen. <i>World Neurosurgery</i> , 2017, 108, 998.e1-998.e5.	0.7	10
63	Accessibility, reliability, and usability of neurosurgical resources. <i>Journal of Neurosurgery</i> , 2017, 126, 1263-1268.	0.9	7
64	Connecting Neuronal Cell Protective Pathways and Drug Combinations in a Huntington's Disease Model through the Application of Quantitative Systems Pharmacology. <i>Scientific Reports</i> , 2017, 7, 17803.	1.6	22
65	Cerebral Dural Arteriovenous Fistulas – an Update on Pathophysiology, Natural History and Treatment. <i>US Neurology</i> , 2017, 13, 47.	0.2	0
66	Accuracy of Oncologists' Life-Expectancy Estimates Recalled by Their Advanced Cancer Patients: Correlates and Outcomes. <i>Journal of Palliative Medicine</i> , 2016, 19, 1296-1303.	0.6	32
67	Perioperative stroke after carotid endarterectomy: etiology and implications. <i>Acta Neurochirurgica</i> , 2016, 158, 2377-2383.	0.9	18
68	Diagnostic accuracy of somatosensory evoked potential and electroencephalography during carotid endarterectomy. <i>Neurological Research</i> , 2016, 38, 698-705.	0.6	26
69	Isolation of functionally active and highly purified neuronal mitochondria from human cortex. <i>Journal of Neuroscience Methods</i> , 2016, 263, 1-6.	1.3	12
70	A refractory arachnoid cyst presenting with tremor, expressive dysphasia, and cognitive decline. , 2016, 7, 431.		1
71	N-acetylmethionine, but not N-acetyldopamine, rescues neuronal cell death in models of amyotrophic lateral sclerosis. <i>Journal of Neurochemistry</i> , 2015, 134, 956-968.	2.1	34
72	Hot Topics in Research: Preventive Neuroradiology in Brain Aging and Cognitive Decline. <i>American Journal of Neuroradiology</i> , 2015, 36, 1803-1809.	1.2	12

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73	Moving toward a gene therapy for Huntington's disease. <i>Gene Therapy</i> , 2015, 22, 931-933.	2.3	17
74	Comprehensive chronic laminar single-unit, multi-unit, and local field potential recording performance with planar single shank electrode arrays. <i>Journal of Neuroscience Methods</i> , 2015, 242, 15-40.	1.3	116
75	Cardiolipin Signaling Mechanisms: Collapse of Asymmetry and Oxidation. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1667-1680.	2.5	50
76	Educational Resources "Over the Head" of Neurosurgical Patients: The Economic Impact of Inadequate Health Literacy. <i>World Neurosurgery</i> , 2015, 84, 1223-1226.	0.7	17
77	Pathological response of cavernous malformations following radiosurgery. <i>Journal of Neurosurgery</i> , 2015, 123, 938-944.	0.9	24
78	A Novel Vehicle for the Delivery of Exogenous Neurotrophic Factors in Spinal Cord Injury. <i>Neurosurgery</i> , 2015, 76, N11-N13.	0.6	1
79	Aneurysmal subarachnoid hemorrhage with concomitant posterior communicating artery fenestration. <i>International Journal of Neuroscience</i> , 2015, 125, 154-158.	0.8	5
80	Longitudinal evaluation of corticospinal tract in patients with resected brainstem cavernous malformations using high-definition fiber tractography and diffusion connectometry analysis: preliminary experience. <i>Journal of Neurosurgery</i> , 2015, 123, 1133-1144.	0.9	35
81	Integrative Mouse and Human Studies Implicate <i>ANGPT1</i> and <i>ZBTB7C</i> as Susceptibility Genes to Ischemic Injury. <i>Stroke</i> , 2015, 46, 3514-3522.	1.0	17
82	Results of a national cerebrovascular neurosurgery survey on the management of cerebral vasospasm/delayed cerebral ischemia. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 408-411.	2.0	18
83	Use of diffusion spectrum imaging in preliminary longitudinal evaluation of amyotrophic lateral sclerosis: development of an imaging biomarker. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 270.	1.0	25
84	<i>N</i> -Acetyl-Serotonin Offers Neuroprotection through Inhibiting Mitochondrial Death Pathways and Autophagic Activation in Experimental Models of Ischemic Injury. <i>Journal of Neuroscience</i> , 2014, 34, 2967-2978.	1.7	97
85	Connectivity Features for Identifying Cognitive Impairment in Presymptomatic Carotid Stenosis. <i>Neurosurgery</i> , 2014, 74, N9-N11.	0.6	1
86	Intratumoral <i>Clostridium novyi</i> as a Potential Treatment for Solid Necrotic Brain Tumors. <i>Neurosurgery</i> , 2014, 75, N17-N18.	0.6	5
87	Transcranial Focused Ultrasound Modulates the Activity of Primary Somatosensory Cortex in Humans. <i>Neurosurgery</i> , 2014, 74, N8-N9.	0.6	20
88	Application of High-Definition Fiber Tractography in the Management of Supratentorial Cavernous Malformations. <i>Neurosurgery</i> , 2014, 74, 668-681.	0.6	25
89	In Vivo Chemical Exchange Saturation Transfer Imaging Allows Early Detection of a Therapeutic Response in Glioblastoma. <i>Neurosurgery</i> , 2014, 75, N23-N25.	0.6	1
90	Conservative Management vs Intervention for Unruptured Brain Arteriovenous Malformations. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1057.	3.8	3

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91	Complete Spinal Cord Injury. <i>Neurosurgery</i> , 2014, 75, N23-N24.	0.6	1
92	Fusiform aneurysms of the lenticulostriate artery. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 373-377.	0.8	8
93	Effects of caspase-1 knockout on chronic neural recording quality and longevity: Insight into cellular and molecular mechanisms of the reactive tissue response. <i>Biomaterials</i> , 2014, 35, 9620-9634.	5.7	118
94	A brief history of early neuroanesthesia. <i>Neurosurgical Focus</i> , 2014, 36, E2.	1.0	4
95	The Case Against A Randomized Trial of Unruptured Brain Arteriovenous Malformations. <i>Stroke</i> , 2014, 45, 2808-2810.	1.0	21
96	Advanced diffusion MRI fiber tracking in neurosurgical and neurodegenerative disorders and neuroanatomical studies: A review. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2286-2297.	1.8	93
97	Inhibition of mitochondrial protein import by mutant huntingtin. <i>Nature Neuroscience</i> , 2014, 17, 822-831.	7.1	184
98	Scar in the Injured Spinal Cord. <i>Neurosurgery</i> , 2014, 74, N15-N16.	0.6	0
99	Therapeutic neuroprotective agents for amyotrophic lateral sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4729-4745.	2.4	65
100	Melatonin inhibits the caspase-1/cytochrome c/caspase-3 cell death pathway, inhibits MT1 receptor loss and delays disease progression in a mouse model of amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2013, 55, 26-35.	2.1	111
101	Biopsy neuropathology of cerebral ischemia associated with a developmental venous anomaly. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 621-623.	0.6	3
102	Bioengineering solutions for neural repair and recovery in stroke. <i>Current Opinion in Neurology</i> , 2013, 26, 626-631.	1.8	20
103	Blocking TGF- β 2 activity and Associated Inflammation May Halt Hydrocephalus. <i>Neurosurgery</i> , 2013, 73, N13-N14.	0.6	4
104	Philanthropy Funding for Neurosurgery Research and Program Development. <i>Neurosurgery</i> , 2013, 73, 177-183.	0.6	5
105	Inflammation Triggered by Traumatic Brain Injury May Continue to Harm the Brain for a Lifetime. <i>Neurosurgery</i> , 2013, 72, N19-N20.	0.6	5
106	A BigBrain for all. <i>Neurosurgery</i> , 2013, 73, N16-N17.	0.6	0
107	Oxidative Stress Is Associated With Cell Death, Wall Degradation, and Increased Risk of Rupture of the Intracranial Aneurysm Wall. <i>Neurosurgery</i> , 2013, 72, 109-117.	0.6	38
108	Pericytes as a Therapeutic Target in Scar Formation After Spinal Cord Injury. <i>Neurosurgery</i> , 2013, 73, N18-N20.	0.6	3

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109	Randomized-Controlled Trial of Minocycline for Spinal Cord Injury Shows Promise. <i>Neurosurgery</i> , 2013, 72, N17-N19.	0.6	10
110	Preliminary Results of the ARUBA Study. <i>Neurosurgery</i> , 2013, 73, E379-E381.	0.6	25
111	Molecular Targets for Neonatal Communicating Hydrocephalus, Putting Shunts out to Pasture?. <i>Neurosurgery</i> , 2013, 72, N18-N19.	0.6	0
112	Increased longevity of hematopoiesis in continuous marrow cultures and radiation resistance of marrow stromal and hematopoietic progenitor cells from caspase-1 homozygous recombinant-negative (knockout) mice. <i>In Vivo</i> , 2013, 27, 419-30.	0.6	3
113	What Sequences on High-Field MR Best Depict Temporal Resolution of Experimental ICH and Edema Formation in Mice?. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-7.	3.0	7
114	Treatment of ruptured and unruptured cerebral aneurysms in the USA: a paradigm shift. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 182-189.	2.0	103
115	Intracellular Signaling Pathways and Size, Shape, and Rupture History of Human Intracranial Aneurysms. <i>Neurosurgery</i> , 2012, 70, 1565-1573.	0.6	28
116	High-Definition Fiber Tractography of the Human Brain. <i>Neurosurgery</i> , 2012, 71, 430-453.	0.6	213
117	Carotid Endarterectomy With Primary Closure: Analysis of Outcomes and Review of the Literature. <i>Neurosurgery</i> , 2012, 70, 646-655.	0.6	19
118	Neuronal Transplants Reconstitute Complex Neuronal Circuitry and Rescue Phenotype. <i>Neurosurgery</i> , 2012, 70, N11-N12.	0.6	1
119	Recovery of Cortical Control Over Locomotion After Spinal Cord Injury. <i>Neurosurgery</i> , 2012, 71, N19-N20.	0.6	0
120	Novel Triple-Modality Molecular Imaging Approach Holds Promise for Improving Brain Tumor Resection. <i>Neurosurgery</i> , 2012, 71, N14-N15.	0.6	0
121	A Novel Target for Ischemic Stroke Therapy. <i>Neurosurgery</i> , 2012, 70, N13-N14.	0.6	1
122	Characteristics of Neurosurgery's Most Successful Research Programs. <i>Neurosurgery</i> , 2012, 71, E550.	0.6	0
123	Harnessing the Brain's Tools for Killing Cancer Cells Could be a Key to Treating High-grade Gliomas. <i>Neurosurgery</i> , 2012, 71, N23-N24.	0.6	1
124	Neuroprosthetic Learning Utilizes the Same Neural Circuitry Required for Motor Learning. <i>Neurosurgery</i> , 2012, 70, N10.	0.6	2
125	Angiogram-Negative Subarachnoid Hemorrhage: Relationship Between Bleeding Pattern and Clinical Outcome. <i>Neurocritical Care</i> , 2012, 16, 389-398.	1.2	62
126	Use of a Simple Internal Fiducial as an Adjunct to Enhance Intraoperative Ultrasound-Assisted Guidance: Technical Note. <i>Operative Neurosurgery</i> , 2011, 69, ons34-ons39.	0.4	1

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127	The Experience of Pain and the Putamen: A New Link Found With Functional MRI and Diffusion Tensor Imaging. <i>Neurosurgery</i> , 2011, 69, N12-N13.	0.6	4
128	Seizures and Free Radicals. <i>Neurosurgery</i> , 2011, 69, N12-N13.	0.6	4
129	Battling Brain Diabetes: Antioxidants May Reduce Cognitive Deficits Induced by Cholesterol. <i>Neurosurgery</i> , 2011, 68, N15-N17.	0.6	2
130	Memory Training Unlocks Brain Plasticity in Prodromal Alzheimer's Disease. <i>Neurosurgery</i> , 2011, 69, N13-N14.	0.6	1
131	Neuromodulation of the Locus Coeruleus. <i>Neurosurgery</i> , 2011, 68, N14-N15.	0.6	3
132	Dipyron Inhibits Neuronal Cell Death and Diminishes Hypoxic/Ischemic Brain Injury. <i>Neurosurgery</i> , 2011, 69, 942-956.	0.6	32
133	Using non-coding small RNAs to develop therapies for Huntington's disease. <i>Gene Therapy</i> , 2011, 18, 1139-1149.	2.3	37
134	Benefit of ventriculoperitoneal cerebrospinal fluid shunting and intrathecal chemotherapy in neoplastic meningitis: a retrospective, case-controlled study. <i>Journal of Neurosurgery</i> , 2011, 115, 730-736.	0.9	57
135	The Melatonin MT1 Receptor Axis Modulates Mutant Huntingtin-Mediated Toxicity. <i>Journal of Neuroscience</i> , 2011, 31, 14496-14507.	1.7	145
136	Alpha-1 Adrenergic Receptor Signaling Linked to Memory Dysfunction Following Brain Trauma. <i>Neurosurgery</i> , 2011, 68, N15-N18.	0.6	3
137	Real-Time Multiphoton Microscopy in Moving Animals. <i>Neurosurgery</i> , 2010, 66, N12-N13.	0.6	1
138	Noninvasive Monitoring of Neural Activity With Bioluminescence. <i>Neurosurgery</i> , 2010, 66, N16-N17.	0.6	1
139	Electrical Stimulation of the Thalamus Modulates Cortico-Cortical Signaling. <i>Neurosurgery</i> , 2010, 67, N23-N24.	0.6	0
140	Regeneration of Neuromuscular Synapses. <i>Neurosurgery</i> , 2010, 66, N19-N20.	0.6	7
141	Novel Neurogenesis Drugs Uncovered From In Vivo Chemical Library Screen. <i>Neurosurgery</i> , 2010, 67, N16-N18.	0.6	4
142	Diffusion Weighted Imaging: What Are We Really Seeing?. <i>Neurosurgery</i> , 2010, 67, N26-N29.	0.6	2
143	Full-length huntingtin levels modulate body weight by influencing insulin-like growth factor 1 expression. <i>Human Molecular Genetics</i> , 2010, 19, 1528-1538.	1.4	100
144	Embolus Extravasation. <i>Neurosurgery</i> , 2010, 67, N22-N23.	0.6	4

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145	Composite ganglioneuroma-paraganglioma of the filum terminale. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 709-713.	0.9	23
146	Stenting versus Endarterectomy for Carotid-Artery Stenosis. <i>New England Journal of Medicine</i> , 2010, 363, 1766-1768.	13.9	8
147	Complement in neuroprotection and neurodegeneration. <i>Trends in Molecular Medicine</i> , 2010, 16, 69-76.	3.5	55
148	Silencing Huntington's Disease Gene with RNAi. , 2010, , 131-160.		1
149	Differential Susceptibility to Excitotoxic Stress in YAC128 Mouse Models of Huntington Disease between Initiation and Progression of Disease. <i>Journal of Neuroscience</i> , 2009, 29, 2193-2204.	1.7	123
150	Apoptotic Functions of <i>PDCD10/CCM3</i> , the Gene Mutated in Cerebral Cavemous Malformation 3. <i>Stroke</i> , 2009, 40, 1474-1481.	1.0	89
151	Hope on the Horizon for Traumatic Brain Injury from an Unlikely Partner. <i>Neurosurgery</i> , 2009, 65, N13-N14.	0.6	0
152	T-cell Activation in Ischemic Stroke. <i>Neurosurgery</i> , 2009, 65, N13.	0.6	1
153	Methazolamide and Melatonin Inhibit Mitochondrial Cytochrome C Release and Are Neuroprotective in Experimental Models of Ischemic Injury. <i>Stroke</i> , 2009, 40, 1877-1885.	1.0	137
154	Allele-specific silencing of mutant Huntington's disease gene. <i>Journal of Neurochemistry</i> , 2009, 108, 82-90.	2.1	69
155	Targeted Oncogenes Create a New Realistic Mouse Model of Glioblastoma Multiforme. <i>Neurosurgery</i> , 2009, 64, N13.	0.6	1
156	Inhibitors of Cytochrome c Release with Therapeutic Potential for Huntington's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 9473-9485.	1.7	101
157	Nortriptyline Protects Mitochondria and Reduces Cerebral Ischemia/Hypoxia Injury. <i>Stroke</i> , 2008, 39, 455-462.	1.0	74
158	Genomics of Human Glioblastoma Multiforme. <i>Neurosurgery</i> , 2008, 63, N15.	0.6	4
159	Pluripotential Stem Cells from Mature Human Somatic Cells. <i>Neurosurgery</i> , 2008, 62, N6-N7.	0.6	0
160	Letting T Cells In. <i>Neurosurgery</i> , 2008, 62, N6.	0.6	0
161	CHIARI I MALFORMATION AS A CAUSE OF TRIGEMINAL NEURALGIA. <i>Neurosurgery</i> , 2008, 63, E614-E615.	0.6	31
162	Widespread Interference. <i>Neurosurgery</i> , 2008, 62, N11.	0.6	1

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163	Neuromotor Prosthetics. <i>Neurosurgery</i> , 2008, 63, N8-N9.	0.6	2
164	Pneumocephalus Associated with Pneumosinus Dilatans Frontalis. <i>New England Journal of Medicine</i> , 2007, 357, 1136-1136.	13.9	4
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