

Gavin W Britz

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

6,252
citations

81900

39
h-index

82547

72
g-index

174
all docs

174
docs citations

174
times ranked

6263
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of network performance on remote robotic-assisted endovascular interventions in porcine model. <i>Journal of Robotic Surgery</i> , 2022, 16, 29-35.	1.8	6
2	Transcarotid access for remote robotic endovascular neurointerventions: a cadaveric proof-of-concept study. <i>Neurosurgical Focus</i> , 2022, 52, E18.	2.3	6
3	Commentary: Cost-Effectiveness Analysis of Encephaloduroarteriosynangiosis Surgery for Symptomatic Intracranial Atherosclerotic Disease. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	1
4	Subarachnoid Hemorrhage Induces Sub-acute and Early Chronic Impairment in Learning and Memory in Mice. <i>Translational Stroke Research</i> , 2022, 13, 625-640.	4.2	7
5	The First Pilot Study of an Interactive, 360° Augmented Reality Visualization Platform for Neurosurgical Patient Education: A Case Series. <i>Operative Neurosurgery</i> , 2022, Publish Ahead of Print, .	0.8	2
6	Telerobotic Endovascular Interventions and Their Potential for Cerebrovascular Treatment. <i>Texas Heart Institute Journal</i> , 2022, 49, .	0.3	0
7	Adenosine-Induced Transient Asystole. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 10, 220.	1.0	14
8	Modern Interventional Management of Stroke. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 10, 105.	1.0	8
9	First in Man Pilot Feasibility Study in Extracranial Carotid Robotic-Assisted Endovascular Intervention. <i>Neurosurgery</i> , 2021, 88, 506-514.	1.1	13
10	Is Flow Diversion the Death of Simple Coiling or Stent-assisted Coiling? A Single-center Experience. <i>Current Neurovascular Research</i> , 2021, 17, 754-759.	1.1	0
11	Transcutaneous spinal cord stimulation improves postural stability in individuals with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 52, 103009.	2.0	12
12	Hippocampal Transcriptome Changes After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Neurology</i> , 2021, 12, 691631.	2.4	4
13	Review of wearable technologies and machine learning methodologies for systematic detection of mild traumatic brain injuries. <i>Journal of Neural Engineering</i> , 2021, 18, 041006.	3.5	20
14	A contemporary review of therapeutic and regenerative management of intracerebral hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2211-2221.	3.7	3
15	Feasibility of Robotic-Assisted Neurovascular Interventions: Initial Experience in Flow Model and Porcine Model. <i>Neurosurgery</i> , 2020, 86, 309-314.	1.1	39
16	Promises and Perils of Artificial Intelligence in Neurosurgery. <i>Neurosurgery</i> , 2020, 87, 33-44.	1.1	47
17	The History of Neurosurgery at Houston Methodist Hospital. <i>World Neurosurgery</i> , 2020, 142, 283-290.	1.3	2
18	Current utilization and future directions of robotic-assisted endovascular surgery. <i>Expert Review of Medical Devices</i> , 2020, 17, 919-927.	2.8	23

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19	Operative Treatment of a Superior Cerebellar Artery Perforator Dissecting Aneurysm. Operative Neurosurgery, 2020, 19, E203-E208.	0.8	3
20	Telerobotic stroke intervention: a novel solution to the care dissemination dilemma. Journal of Neurosurgery, 2020, 132, 971-978.	1.6	20
21	Neuroendovascular-specific engineering modifications to the CorPath GRX Robotic System. Journal of Neurosurgery, 2020, 133, 1830-1836.	1.6	31
22	Curative Embolization of Arteriovenous Malformations. World Neurosurgery, 2019, 129, 467-486.	1.3	29
23	Contemporary Management of Increased Intraoperative Intracranial Pressure: Evidence-Based Anesthetic and Surgical Review. World Neurosurgery, 2019, 129, 120-129.	1.3	3
24	In Reply: Clinical Outcomes of Stereotactic Radiosurgery for Cerebral Arteriovenous Malformations in Pediatric Patients: Systematic Review and Meta-Analysis. Neurosurgery, 2019, 85, E1131-E1132.	1.1	2
25	Fibrinogen Chains Intrinsic to the Brain. Frontiers in Neuroscience, 2019, 13, 541.	2.8	21
26	Commentary: Microsurgical Clipping of Anterior Choroidal Artery Aneurysms: A Systematic Approach to Reducing Ischemic Complications in an Experience with 146 Patients. Operative Neurosurgery, 2019, 17, E143-E144.	0.8	0
27	Maxillary Artery to Intracranial Bypass. World Neurosurgery, 2019, 128, 532-540.	1.3	12
28	Intraarterial Thrombolysis as Rescue Therapy for Large Vessel Occlusions. Stroke, 2019, 50, 1003-1006.	2.0	55
29	Commentary: The Experience With Flow Diverters in the Treatment of Posterior Inferior Cerebellar Artery Aneurysms. Operative Neurosurgery, 2019, 17, E3-E4.	0.8	1
30	Pre-phrenic interneurons: Characterization and role in phrenic pattern formation and respiratory recovery following spinal cord injury. Respiratory Physiology and Neurobiology, 2019, 265, 24-31.	1.6	22
31	Posteroinferior cerebellar artery aneurysms: Influence of angioanatomy on the safety of flow diversion treatment. Journal of Innovative Optical Health Sciences, 2019, 14, 1063.	1.0	2
32	First Pass Effect. Stroke, 2018, 49, 660-666.	2.0	462
33	Creutzfeldt astrocytes may be seen in IDH-wildtype glioblastoma and retain expression of DNA repair and chromatin binding proteins. Brain Pathology, 2018, 28, 1012-1019.	4.1	8
34	A Comparison of Cerebellar Retraction Pressures in Posterior Fossa Surgery: Extended Retrosigmoid Versus Traditional Retrosigmoid Approach. World Neurosurgery, 2018, 113, e88-e92.	1.3	10
35	Subarachnoid hemorrhage - Induced block of cerebrospinal fluid flow: Role of brain coagulation factor III (tissue factor). Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 793-808.	4.3	54
36	Videoexoscopic real-time intraoperative navigation for spinal neurosurgery: a novel co-adaptation of two existing technology platforms, technical note. Journal of Robotic Surgery, 2018, 12, 251-255.	1.8	2

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37	Ceftazidime/avibactam use for carbapenem-resistant <i>Klebsiella pneumoniae</i> meningitis: a case report. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 254-256.	3.0	33
38	Recurrent Cerebral Hemorrhage in Normal Pregnancy Secondary to Mycotic Pseudoaneurysms Related to Choriocarcinoma. <i>World Neurosurgery</i> , 2018, 109, 247-250.	1.3	3
39	Clinical and Angiographic Outcomes with the Combined Local Aspiration and Retriever in the North American Solitaire Stent-Retriever Acute Stroke (NASA) Registry. <i>Interventional Neurology</i> , 2018, 7, 26-35.	1.8	8
40	North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, i45-i49.	3.3	16
41	Augmented Reality with Virtual Cerebral Aneurysms: A Feasibility Study. <i>World Neurosurgery</i> , 2018, 119, e617-e622.	1.3	26
42	Therapeutically Targeting Platelet-Derived Growth Factor-Mediated Signaling Underlying the Pathogenesis of Subarachnoid Hemorrhage-Related Vasospasm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2289-2295.	1.6	11
43	Unique percutaneous direct puncture technique for occlusion of a hypoglossal canal dural arteriovenous fistula. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1179-1182.	3.3	9
44	Management of Recurrent Subdural Hematomas. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 279-286.	1.7	25
45	Complete reperfusion mitigates influence of treatment time on outcomes after acute stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 366-369.	3.3	14
46	The Safety and Feasibility of Image-Guided BrainPath-Mediated Transsulcul Hematoma Evacuation: A Multicenter Study. <i>Neurosurgery</i> , 2017, 80, 515-524.	1.1	137
47	Four-Dimensional Phase Contrast Magnetic Resonance Imaging Protocol Optimization Using Patient-Specific 3-Dimensional Printed Replicas for In Vivo Imaging Before and After Flow Diverter Placement. <i>World Neurosurgery</i> , 2017, 105, 775-782.	1.3	10
48	Superior Petrosal Vein Sacrifice During Microvascular Decompression: Perioperative Complication Rates and Comparison with Venous Preservation. <i>World Neurosurgery</i> , 2017, 104, 788-794.	1.3	40
49	Adenosine to facilitate the clipping of cerebral aneurysms: literature review. <i>Stroke and Vascular Neurology</i> , 2017, 2, 204-209.	3.3	16
50	Integrity of Cerebellar Fastigial Nucleus Intrinsic Neurons Is Critical for the Global Ischemic Preconditioning. <i>Brain Sciences</i> , 2017, 7, 121.	2.3	7
51	A case of high-dose adenosine usage for anterior communicating artery aneurysm clip ligation: What is the dose limit for a resistant response?. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 783-786.	1.0	8
52	Distal posterior cerebral artery revascularization for a fusiform PCA aneurysm: A lesson learned. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 273-275.	1.0	5
53	In vitro investigation of contrast flow jet timing in patient-specific intracranial aneurysms. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016, 6, 134-143.	2.0	3
54	Diving Response in Rats: Role of the Subthalamic Vasodilator Area. <i>Frontiers in Neurology</i> , 2016, 7, 157.	2.4	6

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55	Rescue Thrombectomy in Large Vessel Occlusion Strokes Leads to Better Outcomes than Intravenous Thrombolysis Alone: A "Real World" Applicability of the Recent Trials. <i>Interventional Neurology</i> , 2016, 5, 101-110.	1.8	10
56	Predictors of poor outcome despite recanalization: a multiple regression analysis of the NASA registry. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 224-229.	3.3	148
57	Three-dimensional printing of anatomically accurate, patient specific intracranial aneurysm models. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 517-520.	3.3	73
58	Relationships and redundancies of selected hemodynamic and structural parameters for characterizing virtual treatment of cerebral aneurysms with flow diverter devices. <i>Journal of Biomechanics</i> , 2016, 49, 2112-2117.	2.1	6
59	The Anterior Subcallosal Approach to Third Ventricular and Suprasellar Lesions: Anatomical Description and Technical Note. <i>World Neurosurgery</i> , 2016, 87, 187-194.	1.3	9
60	Transulcal parafascicular minimally invasive approach to deep and subcortical cavernomas: technical note. <i>Journal of Neurosurgery</i> , 2016, 125, 1360-1366.	1.6	16
61	Dysregulation of oxygen hemodynamic responses to synaptic train stimulation in a rat hippocampal model of subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 696-701.	4.3	5
62	Radial Artery Bypass for Intractable Vertebrobasilar Insufficiency: Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2016, 85, 106-113.	1.3	11
63	Moyamoya Bypasses. , 2016, , 253-261.		0
64	Quantification of velocity reduction after flow diverter placement in intracranial aneurysm: An ex vivo study with 3D printed replicas. , 2015, 2015, 7300-3.		8
65	Perception Versus Actual Performance in Timely Tissue Plasminogen Activation Administration in the Management of Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	12
66	Quantitative comparison of hemodynamic parameters from steady and transient CFD simulations in cerebral aneurysms with focus on the aneurysm ostium. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 367-372.	3.3	20
67	Comprehensive Overview of Contemporary Management Strategies for Cerebral Aneurysms. <i>World Neurosurgery</i> , 2015, 84, 1147-1160.	1.3	5
68	Predictors of Mortality in Acute Ischemic Stroke Intervention. <i>Stroke</i> , 2015, 46, 2305-2308.	2.0	41
69	Update on transient cardiac standstill in cerebrovascular surgery. <i>Neurosurgical Review</i> , 2015, 38, 595-602.	2.4	18
70	Enhanced, Rapid Occlusion of Carotid and Vertebral Arteries Using the AMPLATZER Vascular Plug II Device: The Duke Cerebrovascular Center Experience in 8 Patients with 22 AMPLATZER Vascular Plug II Devices. <i>World Neurosurgery</i> , 2015, 83, 62-68.	1.3	14
71	Epithelioid glioblastoma presenting as massive intracerebral hemorrhage: Case report and review of the literature. , 2015, 6, 97.		11
72	Validation of computational fluid dynamics methods with anatomically exact, 3D printed MRI phantoms and 4D pcMRI. , 2014, 2014, 6699-701.		18

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73	An Overview of Neurovascular Disease Management. <i>Methodist DeBakey Cardiovascular Journal</i> , 2014, 10, 212-213.	1.0	0
74	Influence of Age on Clinical and Revascularization Outcomes in the North American Solitaire Stent-Retriever Acute Stroke Registry. <i>Stroke</i> , 2014, 45, 3631-3636.	2.0	72
75	Optic chiasm compression from mass effect and thrombus formation following unsuccessful treatment of a giant supraclinoid ICA aneurysm with the Pipeline device: open surgical bailout with STA-MCA bypass and parent vessel occlusion. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 31-37.	1.3	27
76	Simvastatin in subarachnoid haemorrhage: beyond the short-term. <i>Lancet Neurology</i> , The, 2014, 13, 1073.	10.2	2
77	North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 584-588.	3.3	136
78	North American SOLITAIRE Stent-Retriever Acute Stroke Registry. <i>Stroke</i> , 2014, 45, 1396-1401.	2.0	113
79	Development and Initial Testing of the Stroke Rapid-Treatment Readiness Tool. <i>Journal of Neuroscience Nursing</i> , 2014, 46, 267-273.	1.1	5
80	Balloon Guide Catheter Improves Revascularization and Clinical Outcomes With the Solitaire Device. <i>Stroke</i> , 2014, 45, 141-145.	2.0	218
81	Predictors of extraventricular drain-associated bacterial ventriculitis. <i>Journal of Critical Care</i> , 2014, 29, 77-82.	2.2	46
82	Perioperative Cardiac Complications and 30-Day Mortality in Patients Undergoing Intracranial Aneurysmal Surgery With Adenosine-Induced Flow Arrest. <i>Neurosurgery</i> , 2014, 74, 267-272.	1.1	31
83	Commentary. <i>Neurosurgery</i> , 2014, 75, 195-196.	1.1	2
84	Magnetic resonance imaging as a tool to assess reliability in simulating hemodynamics in cerebral aneurysms with a dedicated computational fluid dynamics prototype: preliminary results. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 207-12.	1.7	7
85	Use of pipeline flow diverting stents for wide neck intracranial aneurysms: A retrospective institutional review. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 9, 3.	1.0	4
86	Effect of 6% hydroxyethyl starch 130/0.4 in 0.9% sodium chloride (Voluven®) on complications after subarachnoid hemorrhage: a retrospective analysis. <i>SpringerPlus</i> , 2013, 2, 314.	1.2	4
87	The Use of Adenosine in Cerebral Aneurysm Clipping: A Review. <i>Current Anesthesiology Reports</i> , 2013, 3, 210-213.	2.0	9
88	Transient complete lower facial nerve palsy after craniotomy for aneurysm clipping. <i>British Journal of Neurosurgery</i> , 2013, 27, 241-242.	0.8	0
89	Intracranial Dual-Mode IVUS and Hyperthermia Using Circular Arrays. <i>Ultrasonic Imaging</i> , 2013, 35, 17-29.	2.6	5
90	Is flow diversion the death of cerebral bypass and coiling/stent-assisted coiling for giant cavernous aneurysms? A critical review on comparative outcomes and ongoing clinical trials. <i>Neurosurgical Review</i> , 2013, 36, 505-512.	2.4	12

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91	Continuous cerebral spinal fluid drainage associated with complications in patients admitted with subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2013, 119, 974-980.	1.6	44
92	Developments on the horizon in the treatment of neurovascular problems. , 2013, 4, 31.		13
93	Intracranial Aneurysms. , 2013, , 771-786.		1
94	Symptomatic Rathke's cleft cyst with a co-existing pituitary tumor; Brief review of the literature. <i>Journal of Innovative Optical Health Sciences</i> , 2013, 8, 183-187.	1.0	19
95	Improved delivery of the Neuroform 3 stent: technical note. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 287-290.	3.3	4
96	Hemorrhage and risk of further hemorrhagic strokes following cerebral revascularization in Moyamoya disease: A review of the literature. , 2012, 3, 72.		20
97	Stent-assisted coil embolization of ruptured intracranial aneurysms: A retrospective multicenter review. , 2012, 3, 84.		42
98	Isolated Superior Orbital Fissure Syndrome Resulting From Gunshot Wound to the Head. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 112-113.	1.4	4
99	Visual Complications After Stent-Assisted Endovascular Embolization of Paraophthalmic and Suprasellar Variant Superior Hypophyseal Aneurysms: The Duke Cerebrovascular Center Experience in 57 Patients. <i>World Neurosurgery</i> , 2012, 78, 289-294.	1.3	33
100	Panacea or problem: flow diverters in the treatment of symptomatic large or giant fusiform vertebrobasilar aneurysms. <i>Journal of Neurosurgery</i> , 2012, 116, 1258-1266.	1.6	278
101	Dual-Mode IVUS Transducer for Image-Guided Brain Therapy: Preliminary Experiments. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1667-76.	1.5	19
102	A Qualitative Assessment of Practices Associated With Shorter Door-to-Needle Time for Thrombolytic Therapy in Acute Ischemic Stroke. <i>Journal of Neuroscience Nursing</i> , 2011, 43, 329-336.	1.1	22
103	Thromboembolic Complications After Neuroform Stent-Assisted Treatment of Cerebral Aneurysms: The Duke Cerebrovascular Center Experience in 235 Patients With 274 Stents. <i>Neurosurgery</i> , 2011, 69, 369-375.	1.1	49
104	An observational pilot study of CSF diversion in subarachnoid haemorrhage. <i>Nursing in Critical Care</i> , 2011, 16, 252-260.	2.3	11
105	Continuous and Intermittent CSF Diversion after Subarachnoid Hemorrhage: a Pilot Study. <i>Neurocritical Care</i> , 2011, 14, 68-72.	2.4	30
106	Endovascular management of inadvertent brachiocephalic arterial catheterization. <i>Journal of Neurosurgery</i> , 2011, 114, 146-152.	1.6	21
107	Endovascular treatment of venous sinus thrombosis: a case report and review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2011, 3, 30-33.	3.3	21
108	Adenosine-induced Transient Asystole for Intracranial Aneurysm Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 35-40.	1.2	71

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109	Transient Adenosine-Induced Asystole During the Surgical Treatment of Anterior Circulation Cerebral Aneurysms: Technical Note. Operative Neurosurgery, 2010, 67, ons461-ons470.	0.8	30
110	Adenosine A2A receptors in early ischemic vascular injury after subarachnoid hemorrhage. Journal of Neurosurgery, 2010, 113, 826-834.	1.6	30
111	Multimodality Treatment of Intracranial Dural Arteriovenous Fistulas in the Onyx Era: a Single Center Experience. World Neurosurgery, 2010, 73, 365-379.	1.3	147
112	Development of a simplified spinal cord ischemia model in mice. Journal of Neuroscience Methods, 2010, 189, 246-251.	2.5	9
113	A review of the management of posterior communicating artery aneurysms in the modern era. , 2010, 1, 88.		127
114	Resolution of Acute Hydrocephalus and Migration of Neurocysticercosis Cyst with External Ventricular Drainage. Case Reports in Medicine, 2010, 2010, 1-3.	0.7	5
115	Intracranial dual-mode IVUS transducer for image-guided brain therapy preliminary experiments. , 2010, , .		1
116	Dual-mode IVUS catheter for intracranial image-guided hyperthermia: Feasibility study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 2572-2584.	3.0	10
117	Dual-mode intracranial catheters for minimally-invasive neuro-oncology feasibility study. , 2009, , .		3
118	Histopathological changes in brain arteriovenous malformations after embolization using Onyx or N-butyl cyanoacrylate. Journal of Neurosurgery, 2009, 111, 105-113.	1.6	88
119	Impairment of intracerebral arteriole dilation responses after subarachnoid hemorrhage. Journal of Neurosurgery, 2009, 111, 1008-1013.	1.6	17
120	Aneurysms of the intracavernous ICA: Current treatment. , 2009, , 127-136.		0
121	Bypasses for cavernous sinus tumors: history, techniques, and current status. , 2009, , 179-189.		0
122	Subarachnoid hemorrhage model in the rat: Modification of the endovascular filament model. Journal of Neuroscience Methods, 2008, 172, 195-200.	2.5	39
123	Basilar artery vasospasm: diagnosis and grading by transcranial Doppler. Acta Neurochirurgica Supplementum, 2008, , 255-257.	1.0	0
124	Outcomes of Ruptured Intracranial Aneurysms Treated by Microsurgical Clipping and Endovascular Coiling in a High-Volume Center. American Journal of Neuroradiology, 2008, 29, 753-759.	2.4	92
125	Assessing the constancy of intracranial aneurysm growth rates. Journal of Neurosurgery, 2008, 109, 173-174.	1.6	29
126	Late de novo basilar aneurysm after carotid artery injury. Journal of Neurosurgery, 2008, 108, 607.	1.6	2

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127	Cerebral vascularization. Neurosurgical Focus, 2008, 24, E1.	2.3	0
128	Long-term outcome of superficial temporal artery–middle cerebral artery bypass for patients with moyamoya disease in the US. Neurosurgical Focus, 2008, 24, E15.	2.3	122
129	SURVIVAL WITH GOOD OUTCOME AFTER TRAVERSING BRAINSTEM INJURY. Neurosurgery, 2008, 62, E749.	1.1	3
130	MULTIMODALITY TREATMENT OF BRAIN ARTERIOVENOUS MALFORMATIONS WITH MICROSURGERY AFTER EMBOLIZATION WITH ONYX. Neurosurgery, 2008, 62, 1213-1226.	1.1	163
131	Basilar artery vasospasm: impact on outcome. Acta Neurochirurgica Supplementum, 2008, , 387-389.	1.0	1
132	Bypass and Vascular Reconstruction for Anterior Circulation Aneurysms. , 2008, , 329-351.		0
133	Cerebral Bypass and Vascular Reconstructions for Posterior Circulation Aneurysms. , 2008, , 353-374.		1
134	Postischemic Augmentation of Conducted Dilation in Cerebral Arterioles. Stroke, 2007, 38, 124-130.	2.0	33
135	Time-Dependent Alterations in Functional and Pharmacological Arteriolar Reactivity After Subarachnoid Hemorrhage. Stroke, 2007, 38, 1329-1335.	2.0	30
136	MICROSURGICAL MANAGEMENT OF ANTERIOR COMMUNICATING ARTERY ANEURYSMS. Operative Neurosurgery, 2007, 61, 273-292.	0.8	39
137	GENERALIZED CONVULSIVE STATUS EPILEPTICUS AFTER NONTRAUMATIC SUBARACHNOID HEMORRHAGE. Neurosurgery, 2007, 61, 60-65.	1.1	48
138	High-flow Bypass Grafts in the Management of Complex Intracranial Aneurysms. Operative Neurosurgery, 2007, 60, ONS-105-ONS-123.	0.8	59
139	Magnesium sulfate for neuroprotection after traumatic brain injury: a randomised controlled trial. Lancet Neurology, The, 2007, 6, 29-38.	10.2	270
140	Effect of Equiosmolar Solutions of Mannitol <i>versus</i>Â Hypertonic Saline on Intraoperative Brain Relaxation and Electrolyte Balance. Anesthesiology, 2007, 107, 697-704.	2.5	117
141	Transcranial Doppler Grading Criteria for Basilar Artery Vasospasm. Neurosurgery, 2006, 59, 360-366.	1.1	97
142	Internal Jugular Vein Diameter on Ultrasound Predicts Jugular Bulb Dominance. Journal of Neurosurgical Anesthesiology, 2006, 18, 304.	1.2	0
143	Dynamic Perfusion Computed Tomography in the Diagnosis of Cerebral Vasospasm. Neurosurgery, 2006, 59, 319-325.	1.1	53
144	Brainstem hypoperfusion in severe symptomatic vasospasm following aneurysmal subarachnoid hemorrhage: role of basilar artery vasospasm. Acta Neurochirurgica, 2006, 148, 929-935.	1.7	4

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145	Impact of Basilar Artery Vasospasm on Outcome in Patients With Severe Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2006, 37, 2738-2743.	2.0	17
146	Dynamic perfusion computerized tomography in cerebral vasospasm following aneurysmal subarachnoid hemorrhage: a comparison with technetium-99m ^{99m} -labeled ethyl cysteinate dimer ^{99m} -single-photon emission computerized tomography. <i>Journal of Neurosurgery</i> , 2006, 104, 404-410.	1.6	19
147	Unruptured aneurysms. <i>Journal of Neurosurgery</i> , 2006, 104, 179-180.	1.6	8
148	Dissecting aneurysm of the thoracic posterior spinal artery. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 555.	1.7	19
149	Bromophenol Blue Staining of Tumors in a Rat Glioma Model. <i>Neurosurgery</i> , 2005, 57, 1041-1047.	1.1	35
150	Effect of Caffeine on Cerebral Blood Flow Response to Somatosensory Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 775-784.	4.3	34
151	Vertex Epidural Hematoma. <i>Pediatric Neurosurgery</i> , 2005, 41, 170-172.	0.7	7
152	ISAT trial: coiling or clipping for intracranial aneurysms?. <i>Lancet, The</i> , 2005, 366, 783-785.	13.7	65
153	Role of gap junctional communication in pial arteriole dilation during somatosensory stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S204-S204.	4.3	0
154	Effect of caffeine on theophylline on cerebral blood flow response to brain activation: In vitro and in vivo studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S198-S198.	4.3	0
155	Impact of Surgical Clipping on Survival in Unruptured and Ruptured Cerebral Aneurysms. <i>Stroke</i> , 2004, 35, 1399-1403.	2.0	46
156	Basilar Artery Vasospasm and Delayed Posterior Circulation Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2004, 35, 1867-1872.	2.0	56
157	Accurate Intraoperative Localization of Spinal Dural Arteriovenous Fistulae with Embolization Coil: Technical Note. <i>Neurosurgery</i> , 2004, 55, 252-255.	1.1	23
158	The ISAT trial. <i>Lancet, The</i> , 2003, 361, 431-432.	13.7	16
159	Chronic Headaches Due to Occult Hydrocephalus. <i>Journal of the Royal Society of Medicine</i> , 2003, 96, 77-78.	2.0	3
160	Chronic headaches due to occult hydrocephalus. <i>Journal of the Royal Society of Medicine</i> , 2003, 96, 77-78.	2.0	6
161	Fatal instability following "odontoid sparing" transoral decompression of a periodontoid pseudotumour. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 73, 756-758.	1.9	6
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