

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	First Pass Effect. Stroke, 2018, 49, 660-666.	2.0	462
2	Panacea or problem: flow diverters in the treatment of symptomatic large or giant fusiform vertebrobasilar aneurysms. Journal of Neurosurgery, 2012, 116, 1258-1266.	1.6	278
3	Magnesium sulfate for neuroprotection after traumatic brain injury: a randomised controlled trial. Lancet Neurology, The, 2007, 6, 29-38.	10.2	270
4	Balloon Guide Catheter Improves Revascularization and Clinical Outcomes With the Solitaire Device. Stroke, 2014, 45, 141-145.	2.0	218
5	Prevalence of asymptomatic incidental aneurysms: review of 4568 arteriograms. Journal of Neurosurgery, 2002, 96, 43-49.	1.6	192
6	The utility of magnetic resonance imaging in evaluating peripheral nerve disorders. Muscle and Nerve, 2002, 25, 314-331.	2.2	167
7	MULTIMODALITY TREATMENT OF BRAIN ARTERIOVENOUS MALFORMATIONS WITH MICROSURGERY AFTER EMBOLIZATION WITH ONYX. Neurosurgery, 2008, 62, 1213-1226.	1.1	163
8	Predictors of poor outcome despite recanalization: a multiple regression analysis of the NASA registry. Journal of NeuroInterventional Surgery, 2016, 8, 224-229.	3.3	148
9	Ulnar Nerve Entrapment at the Elbow: Correlation of Magnetic1 Resonance Imaging, Clinical, Electrodiagnostic, and Intraoperative Findings. Neurosurgery, 1996, 38, 458-465.	1.1	147
10	Multimodality Treatment of Intracranial Dural Arteriovenous Fistulas in the Onyx Era: a Single Center Experience. World Neurosurgery, 2010, 73, 365-379.	1.3	147
11	The Safety and Feasibility of Image-Guided BrainPath-Mediated Transsulcul Hematoma Evacuation: A Multicenter Study. Neurosurgery, 2017, 80, 515-524.	1.1	137
12	North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. Journal of NeuroInterventional Surgery, 2014, 6, 584-588.	3.3	136
13	A review of the management of posterior communicating artery aneurysms in the modern era. , 2010, 1, 88.		127
14	Long-term outcome of superficial temporal arteryâ€“middle cerebral artery bypass for patients with moyamoya disease in the US. Neurosurgical Focus, 2008, 24, E15.	2.3	122
15	Carpal Tunnel Syndrome. Neurosurgery, 1995, 37, 1097-1103.	1.1	121
16	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
17	North American SOLITAIRE Stent-Retriever Acute Stroke Registry. Stroke, 2014, 45, 1396-1401.	2.0	113
18	Magnetic Resonance Neurography of Peripheral Nerve Lesions in the Lower Extremity. Neurosurgery, 1996, 39, 750-756.	1.1	109

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19	Ulnar Nerve Entrapment at the Elbow: Correlation of Magnetic Resonance Imaging, Clinical, Electrodiagnostic, and Intraoperative Findings. <i>Neurosurgery</i> , 1996, 38, 458-465.	1.1	109
20	Transcranial Doppler Grading Criteria for Basilar Artery Vasospasm. <i>Neurosurgery</i> , 2006, 59, 360-366.	1.1	97
21	Outcomes of Ruptured Intracranial Aneurysms Treated by Microsurgical Clipping and Endovascular Coiling in a High-Volume Center. <i>American Journal of Neuroradiology</i> , 2008, 29, 753-759.	2.4	92
22	Histopathological changes in brain arteriovenous malformations after embolization using Onyx or N-butyl cyanoacrylate. <i>Journal of Neurosurgery</i> , 2009, 111, 105-113.	1.6	88
23	Three-dimensional printing of anatomically accurate, patient specific intracranial aneurysm models. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 517-520.	3.3	73
24	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
25	Adenosine-induced Transient Asystole for Intracranial Aneurysm Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 35-40.	1.2	71
26	ISAT trial: coiling or clipping for intracranial aneurysms?. <i>Lancet, The</i> , 2005, 366, 783-785.	13.7	65
27	High-flow Bypass Grafts in the Management of Complex Intracranial Aneurysms. <i>Operative Neurosurgery</i> , 2007, 60, ONS-105-ONS-123.	0.8	59
28	Spontaneous Resolution of a Cervicothoracic Syrinx in a Child. <i>Pediatric Neurosurgery</i> , 1999, 30, 43-46.	0.7	57
29	Basilar Artery Vasospasm and Delayed Posterior Circulation Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2004, 35, 1867-1872.	2.0	56
30	Intraarterial Thrombolysis as Rescue Therapy for Large Vessel Occlusions. <i>Stroke</i> , 2019, 50, 1003-1006.	2.0	55
31	Subarachnoid hemorrhage “ Induced block of cerebrospinal fluid flow: Role of brain coagulation factor III (tissue factor). <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 793-808.	4.3	54
32	Hydrocephalus secondary to diffuse villous hyperplasia of the choroid plexus. <i>Journal of Neurosurgery</i> , 1996, 85, 689-691.	1.6	53
33	Dynamic Perfusion Computed Tomography in the Diagnosis of Cerebral Vasospasm. <i>Neurosurgery</i> , 2006, 59, 319-325.	1.1	53
34	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
35	GENERALIZED CONVULSIVE STATUS EPILEPTICUS AFTER NONTRAUMATIC SUBARACHNOID HEMORRHAGE. <i>Neurosurgery</i> , 2007, 61, 60-65.	1.1	48
36	Promises and Perils of Artificial Intelligence in Neurosurgery. <i>Neurosurgery</i> , 2020, 87, 33-44.	1.1	47

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37	Impact of Surgical Clipping on Survival in Unruptured and Ruptured Cerebral Aneurysms. <i>Stroke</i> , 2004, 35, 1399-1403.	2.0	46
38	Predictors of extraventricular drain-associated bacterial ventriculitis. <i>Journal of Critical Care</i> , 2014, 29, 77-82.	2.2	46
39	Cerebral Revascularization for Moyamoya Disease in Adults. <i>Neurosurgery Clinics of North America</i> , 2001, 12, 585-594.	1.7	44
40	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
41	Stent-assisted coil embolization of ruptured intracranial aneurysms: A retrospective multicenter review. , 2012, 3, 84.		42
42	Predictors of Mortality in Acute Ischemic Stroke Intervention. <i>Stroke</i> , 2015, 46, 2305-2308.	2.0	41
43	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
44	MICROSURGICAL MANAGEMENT OF ANTERIOR COMMUNICATING ARTERY ANEURYSMS. <i>Operative Neurosurgery</i> , 2007, 61, 273-292.	0.8	39
45	Subarachnoid hemorrhage model in the rat: Modification of the endovascular filament model. <i>Journal of Neuroscience Methods</i> , 2008, 172, 195-200.	2.5	39
46	Feasibility of Robotic-Assisted Neurovascular Interventions: Initial Experience in Flow Model and Porcine Model. <i>Neurosurgery</i> , 2020, 86, 309-314.	1.1	39
47	Traumatic leptomeningeal cyst in an adult: a case report and review of the literature. <i>World Neurosurgery</i> , 1998, 50, 465-469.	1.3	38
48	Bromophenol Blue Staining of Tumors in a Rat Glioma Model. <i>Neurosurgery</i> , 2005, 57, 1041-1047.	1.1	35
49	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
50	Postischemic Augmentation of Conducted Dilation in Cerebral Arterioles. <i>Stroke</i> , 2007, 38, 124-130.	2.0	33
51	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
52	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
53	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
54	Neuroendovascular-specific engineering modifications to the CorPath GRX Robotic System. <i>Journal of Neurosurgery</i> , 2020, 133, 1830-1836.	1.6	31

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55	Time-Dependent Alterations in Functional and Pharmacological Arteriolar Reactivity After Subarachnoid Hemorrhage. <i>Stroke</i> , 2007, 38, 1329-1335.	2.0	30
56	Transient Adenosine-Induced Asystole During the Surgical Treatment of Anterior Circulation Cerebral Aneurysms: Technical Note. <i>Operative Neurosurgery</i> , 2010, 67, ons461-ons470.	0.8	30
57	Adenosine A2A receptors in early ischemic vascular injury after subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2010, 113, 826-834.	1.6	30
58	Continuous and Intermittent CSF Diversion after Subarachnoid Hemorrhage: a Pilot Study. <i>Neurocritical Care</i> , 2011, 14, 68-72.	2.4	30
59	Assessing the constancy of intracranial aneurysm growth rates. <i>Journal of Neurosurgery</i> , 2008, 109, 173-174.	1.6	29
60	Curative Embolization of Arteriovenous Malformations. <i>World Neurosurgery</i> , 2019, 129, 467-486.	1.3	29
61	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
62	Augmented Reality with Virtual Cerebral Aneurysms: A Feasibility Study. <i>World Neurosurgery</i> , 2018, 119, e617-e622.	1.3	26
63	Percutaneous Placement of Ventriculoatrial Shunts in the Pediatric Population. <i>Pediatric Neurosurgery</i> , 1998, 29, 161-163.	0.7	25
64	Management of Recurrent Subdural Hematomas. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 279-286.	1.7	25
65	Accurate Intraoperative Localization of Spinal Dural Arteriovenous Fistulae with Embolization Coil: Technical Note. <i>Neurosurgery</i> , 2004, 55, 252-255.	1.1	23
66	Current utilization and future directions of robotic-assisted endovascular surgery. <i>Expert Review of Medical Devices</i> , 2020, 17, 919-927.	2.8	23
67	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
68	Pre-phrenic interneurons: Characterization and role in phrenic pattern formation and respiratory recovery following spinal cord injury. <i>Respiratory Physiology and Neurobiology</i> , 2019, 265, 24-31.	1.6	22
69	Endovascular management of inadvertent brachiocephalic arterial catheterization. <i>Journal of Neurosurgery</i> , 2011, 114, 146-152.	1.6	21
70	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
71	Fibrinogen Chains Intrinsic to the Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 541.	2.8	21
72	Intracarotid RMP-7 enhanced indocyanine green staining of tumors in a rat glioma model. <i>Journal of Neuro-Oncology</i> , 2002, 56, 227-232.	2.9	20

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73	Hemorrhage and risk of further hemorrhagic strokes following cerebral revascularization in Moyamoya disease: A review of the literature. , 2012, 3, 72.		20
74	Quantitative comparison of hemodynamic parameters from steady and transient CFD simulations in cerebral aneurysms with focus on the aneurysm ostium. Journal of NeuroInterventional Surgery, 2015, 7, 367-372.	3.3	20
75	Review of wearable technologies and machine learning methodologies for systematic detection of mild traumatic brain injuries. Journal of Neural Engineering, 2021, 18, 041006.	3.5	20
76	Telerobotic stroke intervention: a novel solution to the care dissemination dilemma. Journal of Neurosurgery, 2020, 132, 971-978.	1.6	20
77	Dynamic perfusion computerized tomography in cerebral vasospasm following aneurysmal subarachnoid hemorrhage: a comparison with technetium-99mâ€“labeled ethyl cysteinate dimerâ€“single-photon emission computerized tomography. Journal of Neurosurgery, 2006, 104, 404-410.	1.6	19
78	Dissecting aneurysm of the thoracic posterior spinal artery. Journal of Neurosurgery: Spine, 2006, 5, 555.	1.7	19
79	Dual-Mode IVUS Transducer for Image-Guided Brain Therapy: Preliminary Experiments. Ultrasound in Medicine and Biology, 2011, 37, 1667-76.	1.5	19
80	Symptomatic Rathke's cleft cyst with a co-existing pituitary tumor; Brief review of the literature. Journal of Innovative Optical Health Sciences, 2013, 8, 183-187.	1.0	19
81	Validation of computational fluid dynamics methods with anatomically exact, 3D printed MRI phantoms and 4D pcMRI. , 2014, 2014, 6699-701.		18
82	Update on transient cardiac standstill in cerebrovascular surgery. Neurosurgical Review, 2015, 38, 595-602.	2.4	18
83	Impact of Basilar Artery Vasospasm on Outcome in Patients With Severe Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2006, 37, 2738-2743.	2.0	17
84	Impairment of intracerebral arteriole dilation responses after subarachnoid hemorrhage. Journal of Neurosurgery, 2009, 111, 1008-1013.	1.6	17
85	The ISAT trial. Lancet, The, 2003, 361, 431-432.	13.7	16
86	Transulcal parafascicular minimally invasive approach to deep and subcortical cavernomas: technical note. Journal of Neurosurgery, 2016, 125, 1360-1366.	1.6	16
87	Adenosine to facilitate the clipping of cerebral aneurysms: literature review. Stroke and Vascular Neurology, 2017, 2, 204-209.	3.3	16
88	North American Solitaire Stent Retriever Acute Stroke registry: post-marketing revascularization and clinical outcome results. Journal of NeuroInterventional Surgery, 2018, 10, i45-i49.	3.3	16
89	Adenosine-Induced Transient Asystole. Methodist DeBakey Cardiovascular Journal, 2021, 10, 220.	1.0	14
90	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. World Neurosurgery, 2015, 83, 62-68.	1.3	14

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91	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
92	Developments on the horizon in the treatment of neurovascular problems. , 2013, 4, 31.		13
93	First in Man Pilot Feasibility Study in Extracranial Carotid Robotic-Assisted Endovascular Intervention. <i>Neurosurgery</i> , 2021, 88, 506-514.	1.1	13
94	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
95	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
96	Maxillary Artery to Intracranial Bypass. <i>World Neurosurgery</i> , 2019, 128, 532-540.	1.3	12
97	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
98	An observational pilot study of CSF diversion in subarachnoid haemorrhage. <i>Nursing in Critical Care</i> , 2011, 16, 252-260.	2.3	11
99	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
100	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
101	Epithelioid glioblastoma presenting as massive intracerebral hemorrhage: Case report and review of the literature. , 2015, 6, 97.		11
102	Dual-mode IVUS catheter for intracranial image-guided hyperthermia: Feasibility study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2010, 57, 2572-2584.	3.0	10
103	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
104	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
105	A Comparison of Cerebellar Retraction Pressures in Posterior Fossa Surgery: Extended Retrosigmoid Versus Traditional Retrosigmoid Approach. <i>World Neurosurgery</i> , 2018, 113, e88-e92.	1.3	10
106	Development of a simplified spinal cord ischemia model in mice. <i>Journal of Neuroscience Methods</i> , 2010, 189, 246-251.	2.5	9
107	The Use of Adenosine in Cerebral Aneurysm Clipping: A Review. <i>Current Anesthesiology Reports</i> , 2013, 3, 210-213.	2.0	9
108	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

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109	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
110	Unruptured aneurysms. <i>Journal of Neurosurgery</i> , 2006, 104, 179-180.	1.6	8
111	Modern Interventional Management of Stroke. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 10, 105.	1.0	8
112	Quantification of velocity reduction after flow diverter placement in intracranial aneurysm: An ex vivo study with 3D printed replicas. , 2015, 2015, 7300-3.		8
113	Creutzfeldt astrocytes may be seen in IDH-wildtype glioblastoma and retain expression of DNA repair and chromatin binding proteins. <i>Brain Pathology</i> , 2018, 28, 1012-1019.	4.1	8
114	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
115	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
116	Vertex Epidural Hematoma. <i>Pediatric Neurosurgery</i> , 2005, 41, 170-172.	0.7	7
117	Integrity of Cerebellar Fastigial Nucleus Intrinsic Neurons Is Critical for the Global Ischemic Preconditioning. <i>Brain Sciences</i> , 2017, 7, 121.	2.3	7
118	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
119	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
120	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
121	Diving Response in Rats: Role of the Subthalamic Vasodilator Area. <i>Frontiers in Neurology</i> , 2016, 7, 157.	2.4	6
122	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
123	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
124	Chronic headaches due to occult hydrocephalus. <i>Journal of the Royal Society of Medicine</i> , 2003, 96, 77-78.	2.0	6
125	Transcarotid access for remote robotic endovascular neurointerventions: a cadaveric proof-of-concept study. <i>Neurosurgical Focus</i> , 2022, 52, E18.	2.3	6
126	Resolution of Acute Hydrocephalus and Migration of Neurocysticercosis Cyst with External Ventricular Drainage. <i>Case Reports in Medicine</i> , 2010, 2010, 1-3.	0.7	5

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127	Intracranial Dual-Mode IVUS and Hyperthermia Using Circular Arrays. <i>Ultrasonic Imaging</i> , 2013, 35, 17-29.	2.6	5
128	Development and Initial Testing of the Stroke Rapid-Treatment Readiness Tool. <i>Journal of Neuroscience Nursing</i> , 2014, 46, 267-273.	1.1	5
129	Comprehensive Overview of Contemporary Management Strategies for Cerebral Aneurysms. <i>World Neurosurgery</i> , 2015, 84, 1147-1160.	1.3	5
130	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
131	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
132	Brainstem hypoperfusion in severe symptomatic vasospasm following aneurysmal subarachnoid hemorrhage: role of basilar artery vasospasm. <i>Acta Neurochirurgica</i> , 2006, 148, 929-935.	1.7	4
133	Improved delivery of the Neuroform 3 stent: technical note. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 287-290.	3.3	4
134	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
135	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
136	Hippocampal Transcriptome Changes After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Neurology</i> , 2021, 12, 691631.	2.4	4
137	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
138	Chronic Headaches Due to Occult Hydrocephalus. <i>Journal of the Royal Society of Medicine</i> , 2003, 96, 77-78.	2.0	3
139	SURVIVAL WITH GOOD OUTCOME AFTER TRAVERSING BRAINSTEM INJURY. <i>Neurosurgery</i> , 2008, 62, E749.	1.1	3
140	Dual-mode intracranial catheters for minimally-invasive neuro-oncology feasibility study. , 2009, , .		3
141	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
142	Recurrent Cerebral Hemorrhage in Normal Pregnancy Secondary to Mycotic Pseudoaneurysms Related to Choriocarcinoma. <i>World Neurosurgery</i> , 2018, 109, 247-250.	1.3	3
143	Contemporary Management of Increased Intraoperative Intracranial Pressure: Evidence-Based Anesthetic and Surgical Review. <i>World Neurosurgery</i> , 2019, 129, 120-129.	1.3	3
144	Operative Treatment of a Superior Cerebellar Artery Perforator Dissecting Aneurysm. <i>Operative Neurosurgery</i> , 2020, 19, E203-E208.	0.8	3

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145	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
146	Late de novo basilar aneurysm after carotid artery injury. <i>Journal of Neurosurgery</i> , 2008, 108, 607.	1.6	2
147	Simvastatin in subarachnoid haemorrhage: beyond the short-term. <i>Lancet Neurology</i> , The, 2014, 13, 1073.	10.2	2
148	Commentary. <i>Neurosurgery</i> , 2014, 75, 195-196.	1.1	2
149	Videoexoscopic real-time intraoperative navigation for spinal neurosurgery: a novel co-adaptation of two existing technology platforms, technical note. <i>Journal of Robotic Surgery</i> , 2018, 12, 251-255.	1.8	2
150	In Reply: Clinical Outcomes of Stereotactic Radiosurgery for Cerebral Arteriovenous Malformations in Pediatric Patients: Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2019, 85, E1131-E1132.	1.1	2
151	The History of Neurosurgery at Houston Methodist Hospital. <i>World Neurosurgery</i> , 2020, 142, 283-290.	1.3	2
152	Posteroinferior cerebellar artery aneurysms: Influence of angioanatomy on the safety of flow diversion treatment. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 14, 1063.	1.0	2
153	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
154	Intracranial dual-mode IVUS transducer for image-guided brain therapy preliminary experiments. , 2010, , .		1
155	Commentary: The Experience With Flow Diverters in the Treatment of Posterior Inferior Cerebellar Artery Aneurysms. <i>Operative Neurosurgery</i> , 2019, 17, E3-E4.	0.8	1
156	Basilar artery vasospasm: impact on outcome. <i>Acta Neurochirurgica Supplementum</i> , 2008, , 387-389.	1.0	1
157	Intracranial Aneurysms. , 2013, , 771-786.		1
158	Cerebral Bypass and Vascular Reconstructions for Posterior Circulation Aneurysms. , 2008, , 353-374.		1
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