

Michael T Lawton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11736086/publications.pdf>

Version: 2024-02-01

576
papers

22,805
citations

7251

80
h-index

17891

125
g-index

586
all docs

586
docs citations

586
times ranked

12465
citing authors

#	ARTICLE	IF	CITATIONS
1	A taxonomy for brainstem cavernous malformations: subtypes of medullary lesions. <i>Journal of Neurosurgery</i> , 2023, 138, 128-146.	0.9	2
2	Back to basal: contemporary cerebrovascular cohort study of the supratentorial-infraoccipital approach. <i>Journal of Neurosurgery</i> , 2023, 138, 793-803.	0.9	1
3	Intermediate-grade brain arteriovenous malformations and the boundary of operability using the supplemented Spetzler-Martin grading system. <i>Journal of Neurosurgery</i> , 2022, 136, 125-133.	0.9	4
4	Somatic mosaicism in the MAPK pathway in sporadic brain arteriovenous malformation and association with phenotype. <i>Journal of Neurosurgery</i> , 2022, 136, 148-155.	0.9	12
5	Coding cerebral bypasses: a proposed nomenclature to better describe bypass constructs and revascularization techniques. <i>Journal of Neurosurgery</i> , 2022, 136, 163-174.	0.9	11
6	Arteriovenous malformations in the optic apparatus: systematic literature review and report of four cases. <i>Journal of Neurosurgery</i> , 2022, 136, 464-474.	0.9	0
7	Surgical treatment of brainstem cavernous malformations: an international Delphi consensus. <i>Journal of Neurosurgery</i> , 2022, 136, 1220-1230.	0.9	7
8	External validation of the Lawton brainstem cavernous malformation grading system in a cohort of 277 microsurgical patients. <i>Journal of Neurosurgery</i> , 2022, 136, 1231-1239.	0.9	3
9	A comparative propensity-adjusted analysis of microsurgical versus endovascular treatment of unruptured ophthalmic artery aneurysms. <i>Journal of Neurosurgery</i> , 2022, 136, 1245-1250.	0.9	3
10	Adoption of Advanced Microneurosurgical Technologies: An International Survey. <i>World Neurosurgery</i> , 2022, 157, e473-e483.	0.7	5
11	Endovascular Therapy Versus Microsurgical Clipping of Ruptured Wide Neck Aneurysms (EVERRUN) Tj ETQq1 1 0.784314 rgBT /Overl 87-94.	0.9	2
12	Novel experimental model of brain arteriovenous malformations using conditional Alk1 gene deletion in transgenic mice. <i>Journal of Neurosurgery</i> , 2022, 137, 163-174.	0.9	5
13	Double-barrel STA-MCA bypass and partial trapping of a ruptured mycotic MCA aneurysm with flash fluorescence technique. <i>Neurosurgical Focus Video</i> , 2022, 6, V15.	0.1	2
14	Bibliometric Analysis of the Extracranial-Intracranial Bypass Literature. <i>World Neurosurgery</i> , 2022, 161, 198-205.e5.	0.7	5
15	A single-cell atlas of the normal and malformed human brain vasculature. <i>Science</i> , 2022, 375, eabi7377.	6.0	129
16	The "Binder Ring" Bypass: Transection, Rerouting, and Reanastomosis as an Alternative to Macrovascular Decompression of a Dolichoectatic Vertebral Artery. <i>Operative Neurosurgery</i> , 2022, 22, 224-230.	0.4	6
17	Validation of the Ruptured Arteriovenous Malformation Grading Scale in a pediatric cohort. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 575-579.	0.8	2
18	Microsurgical Treatment of Cerebral Aneurysms. <i>World Neurosurgery</i> , 2022, 159, 250-258.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Evolution of Intracranial-Intracranial Bypass Surgery: A Bibliometric Analysis. <i>World Neurosurgery</i> , 2022, 162, 177-182.e9.	0.7	3
20	A taxonomy for brainstem cavernous malformations: subtypes of pontine lesions. Part 1: basilar, peritrigeminal, and middle peduncular. <i>Journal of Neurosurgery</i> , 2022, 137, 1462-1476.	0.9	6
21	Electroencephalography for detection of vasospasm and delayed cerebral ischemia in aneurysmal subarachnoid hemorrhage: a retrospective analysis and systematic review. <i>Neurosurgical Focus</i> , 2022, 52, E3.	1.0	6
22	Occipital Artery to a3 Bypass and Distal Occlusion of an a2 Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e218-e219.	0.4	0
23	A taxonomy for brainstem cavernous malformations: subtypes of pontine lesions. Part 2: inferior peduncular, rhomboid, and supraolivary. <i>Journal of Neurosurgery</i> , 2022, 137, 1477-1490.	0.9	4
24	Surgical Anatomy of the Middle Communicating Artery and Guidelines for Predicting the Feasibility of M2-M2 End-to-End Reimplantation. <i>Operative Neurosurgery</i> , 2022, 22, 328-336.	0.4	0
25	Genetics and Emerging Therapies for Brain Arteriovenous Malformations. <i>World Neurosurgery</i> , 2022, 159, 327-337.	0.7	6
26	Intracranial Venous Alteration in Patients With Aneurysmal Subarachnoid Hemorrhage: Protocol for the Prospective and Observational SAH Multicenter Study (SMS). <i>Frontiers in Surgery</i> , 2022, 9, 847429.	0.6	1
27	Saccular aneurysms in the post-“Barrow Ruptured Aneurysm Trial era. <i>Journal of Neurosurgery</i> , 2022, 137, 148-155.	0.9	6
28	Effects of Preoperative Embolization on Spetzler-“Martin Grade I and II Arteriovenous Malformations: A Propensity-Adjusted Analysis. <i>Neurosurgery</i> , 2022, 90, 92-98.	0.6	4
29	Volumetric 3-Dimensional Analysis of the Supraorbital vs Pterional Approach to Paramedian Vascular Structures: Comprehensive Assessment of Surgical Maneuverability. <i>Operative Neurosurgery</i> , 2022, 22, 66-74.	0.4	2
30	Vertebrobasilar dissecting aneurysms: microsurgical management in 42 patients. <i>Journal of Neurosurgery</i> , 2022, 137, 393-401.	0.9	5
31	Radiographic clearance of chronic subdural hematomas after middle meningeal artery embolization. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1279-1283.	2.0	12
32	A taxonomy for brainstem cavernous malformations: subtypes of midbrain lesions. <i>Journal of Neurosurgery</i> , 2022, 136, 1667-1686.	0.9	8
33	Anatomical Triangles for Use in Skull Base Surgery: A Comprehensive Review. <i>World Neurosurgery</i> , 2022, 164, 79-92.	0.7	11
34	Complex cranial surgery and the future of open cerebrovascular training. <i>Journal of Neurosurgery</i> , 2022, , 1-8.	0.9	2
35	Giant cerebral cavernous malformations: redefinition based on surgical outcomes and systematic review of the literature. <i>Journal of Neurosurgery</i> , 2022, , 1-9.	0.9	3
36	Clinical Trials of Microsurgery for Cerebral Aneurysms: Past and Future. <i>World Neurosurgery</i> , 2022, 161, 354-366.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Unsuccessful bypass and trapping of a giant dolichoectatic thrombotic basilar trunk aneurysm. What went wrong?. <i>British Journal of Neurosurgery</i> , 2022, , 1-4.	0.4	4
38	Suboccipital Craniotomy and Transventricular Resection of a Trigonal Medullary Cavernous Malformation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 23, e66-e66.	0.4	0
39	Sphenoparietal Sinus Dural Arteriovenous Fistulas: A Series of 10 Patients. <i>Operative Neurosurgery</i> , 2022, 23, 139-147.	0.4	5
40	Emerging pathogenic mechanisms in human brain arteriovenous malformations: a contemporary review in the multiomics era. <i>Neurosurgical Focus</i> , 2022, 53, E2.	1.0	6
41	Partial Gyrus Rectus Resection as a Technique to Improve the Exposure to the Anterior Communicating Artery Complex through the Junctional Triangle: A Quantitative Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, e211-e216.	0.4	3
42	Propensity-adjusted cost analysis of radial versus femoral access for neuroendovascular procedures. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 752-754.	2.0	17
43	Subclavian Artery to Internal Carotid Artery Interpositional Bypass for Carotid Artery Occlusion: Technical Case Report. <i>Operative Neurosurgery</i> , 2021, 20, E66-E71.	0.4	4
44	Vascular Malformations of the Brain—Overview and Classification. , 2021, , 79-88.		0
45	Surgical management of cerebral dural arteriovenous fistulas. , 2021, , 105-124.		0
46	Microsurgical resection of an anterior medullary arteriovenous malformation. <i>Neurosurgical Focus Video</i> , 2021, 4, V4.	0.1	3
47	An evaluation of the SAFIRE grading scale as a predictor of long-term outcomes for patients in the Barrow Ruptured Aneurysm Trial. <i>Journal of Neurosurgery</i> , 2021, 135, 1067-1071.	0.9	2
48	Spetzler-Martin Grade III Arteriovenous Malformations: A Multicenter Propensity-Adjusted Analysis of the Effects of Preoperative Embolization. <i>Neurosurgery</i> , 2021, 88, 996-1002.	0.6	22
49	Pseudoaneurysm Trapping and Reanastomosis of the Posterior Inferior Cerebellar Artery After Prior Microvascular Decompressions for Hemifacial Spasm. <i>Neurosurgery Open</i> , 2021, 2, .	0.7	0
50	Spetzler-Martin Grade III Arteriovenous Malformations: A Comparison of Modified and Supplemented Spetzler-Martin Grading Systems. <i>Neurosurgery</i> , 2021, 88, 1103-1110.	0.6	9
51	Coronavirus disease 2019 (COVID-19) can predispose young to Intracerebral hemorrhage: a retrospective observational study. <i>BMC Neurology</i> , 2021, 21, 83.	0.8	11
52	Propensity-Adjusted Comparative Analysis of Radial Versus Femoral Access for Neurointerventional Treatments. <i>Neurosurgery</i> , 2021, 88, E505-E509.	0.6	18
53	Supracerebellar infratentorial inverted subchoroidal approach to lateral ventricle lesions: Anatomical study and illustrative case. , 2021, 12, 39.		1
54	Visualization of brain microvasculature and blood flow in vivo: Feasibility study using confocal laser endomicroscopy. <i>Microcirculation</i> , 2021, 28, e12678.	1.0	10

#	ARTICLE	IF	CITATIONS
55	Vascular Macrophages as Therapeutic Targets to Treat Intracranial Aneurysms. <i>Frontiers in Immunology</i> , 2021, 12, 630381.	2.2	25
56	Dissecting Fusiform PICA Aneurysm Repair With Trapping and an Unconventional End-to-Side Reanastomosis: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E252-E253.	0.4	2
57	Thrombectomy and Clip Occlusion of a Giant, Stent-Coiled Basilar Bifurcation Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E117-E118.	0.4	3
58	Clip retraction of the tentorium: application of a novel technique for tentorial retraction during supracerebellar transtentorial approaches. <i>Journal of Neurosurgery</i> , 2021, 134, 1198-1202.	0.9	1
59	Extended Retrosigmoid Craniotomy and Approach Through the Glossopharyngeal Cochlear Triangle for Clipping of a High-Riding Vertebral-Posterior Inferior Cerebellar Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E270-E271.	0.4	5
60	Cavernous Malformation Surgery in the United States: Validation of a Novel International Classification of Disease, 10th Edition, Clinical Modification Code Search Algorithm and Volume-Driven Surgical Outcomes. <i>World Neurosurgery</i> , 2021, 150, e66-e73.	0.7	4
61	Commentary: External Validation of the R2eD AVM Score to Predict the Likelihood of Rupture Presentation of Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2021, 89, E162-E164.	0.6	0
62	Contralateral interoptic approach to paraclinoid aneurysms: a patient-selection algorithm based on anatomical investigation and clinical validation. <i>Journal of Neurosurgery</i> , 2021, 134, 1852-1860.	0.9	2
63	Length of hospital stay in aneurysmal subarachnoid hemorrhage patients without vasospasm on angiography: potential for a fast-track discharge cohort. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017424.	2.0	2
64	Multicenter Research Data of Epilepsy Management in Patients With Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2021, 119, 3-10.	1.0	10
65	In Reply: The Glossopharyngo-Cochlear Triangle—Part II: Case Series Highlighting the Clinical Application to High-Riding Posterior Inferior Cerebellar Artery Aneurysms Exposed Through the Extended Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2021, 21, E294-E295.	0.4	0
66	Neutrophil Extracellular Traps Promote the Development of Intracranial Aneurysm Rupture. <i>Hypertension</i> , 2021, 77, 2084-2093.	1.3	23
67	The middle communicating artery: a novel fourth-generation bypass for revascularizing trapped middle cerebral artery bifurcation aneurysms in 2 cases. <i>Journal of Neurosurgery</i> , 2021, 134, 1879-1886.	0.9	8
68	Eponyms in Vascular Neurosurgery: Comprehensive Review of 11 Arteries. <i>World Neurosurgery</i> , 2021, 151, 249-257.	0.7	7
69	Posterior interhemispheric occipital transtentorial approach for resection of a falcotentorial meningioma. <i>Neurosurgical Focus Video</i> , 2021, 5, V2.	0.1	0
70	Intraventricular Tissue Plasminogen Activator and Shunt Dependency in Aneurysmal Subarachnoid Hemorrhage Patients With Cast Ventricles. <i>Neurosurgery</i> , 2021, 89, 973-977.	0.6	4
71	Roles of Phytoestrogen in the Pathophysiology of Intracranial Aneurysm. <i>Stroke</i> , 2021, 52, 2661-2670.	1.0	7
72	Learning microvascular anastomosis: Analysis of practice patterns. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 212-216.	0.8	1

#	ARTICLE	IF	CITATIONS
73	The Impact of Interhospital Competition on Treatment Strategy and Outcomes for Unruptured Intracranial Aneurysms. <i>Neurosurgery</i> , 2021, 89, 695-703.	0.6	4
74	Sensitivity of the Unruptured Intracranial Aneurysm Treatment Score (UIATS) in the Elderly: Retrospective Analysis of Ruptured Aneurysms. <i>World Neurosurgery</i> , 2021, 152, e673-e677.	0.7	4
75	Microsurgical Management of a Marginal Sinus Dural Arteriovenous Fistula: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E447-E448.	0.4	3
76	Cavernous Malformations of the Optic Nerve and Optic Pathway: A Case Series and Systematic Review of the Literature. <i>Operative Neurosurgery</i> , 2021, 21, 291-302.	0.4	3
77	Treatment of octogenarians and nonagenarians with aneurysmal subarachnoid hemorrhage: a 17-year institutional analysis. <i>Acta Neurochirurgica</i> , 2021, 163, 2941-2946.	0.9	2
78	Utility of modified Rankin Scale for brain vascular malformations in hereditary hemorrhagic telangiectasia. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 390.	1.2	1
79	Factors associated with seizures at initial presentation in pediatric patients with cerebral arteriovenous malformations. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 663-668.	0.8	3
80	Recurrent brainstem cavernous malformations following primary resection: blind spots, fine lines, and the right-angle method. <i>Journal of Neurosurgery</i> , 2021, 135, 671-682.	0.9	13
81	The significant impact of Coronavirus disease 2019 (COVID-19) on in-hospital mortality of elderly patients with moderate to severe traumatic brain injury: A retrospective observational study. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 241-246.	0.8	2
82	The Glossopharyngo-Cochlear Triangle—Part I: Quantitative Anatomic Analysis of High-Riding Posterior Inferior Cerebellar Artery Aneurysms Exposed Through the Extended Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2021, 20, 242-251.	0.4	11
83	The Glossopharyngo-Cochlear Triangle—Part II: Case Series Highlighting the Clinical Application to High-Riding Posterior Inferior Cerebellar Artery Aneurysms Exposed Through the Extended Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2021, 20, 252-259.	0.4	10
84	Coccidioidal meningitis with multiple aneurysms presenting with pseudo—subarachnoid hemorrhage: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.1	2
85	Novel System of Simulation Models for Aneurysm Clipping Training: Description of Models and Assessment of Face, Content, and Construct Validity. <i>Operative Neurosurgery</i> , 2021, 21, 558-569.	0.4	4
86	Comparative Anatomical Assessment of Full vs Limited Transcavernous Exposure of the Carotid-Oculomotor Window. <i>Operative Neurosurgery</i> , 2021, Publish Ahead of Print, e30-e34.	0.4	1
87	Endovascular therapy versus microsurgical clipping of unruptured wide-neck aneurysms: a prospective multicenter study with propensity score analysis. <i>Journal of Neurosurgery</i> , 2021, , 1-8.	0.9	0
88	Microsurgical Anatomy of the Meningeal Branch of the Dorsolateral Medullary Plexus. <i>Operative Neurosurgery</i> , 2020, 18, E197-E204.	0.4	0
89	Three-Dimensional Printed Models for Lateral Skull Base Surgical Training: Anatomy and Simulation of the Transtemporal Approaches. <i>Operative Neurosurgery</i> , 2020, 18, 193-201.	0.4	20
90	Modern radiosurgical and endovascular classification schemes for brain arteriovenous malformations. <i>Neurosurgical Review</i> , 2020, 43, 49-58.	1.2	8

#	ARTICLE	IF	CITATIONS
91	External Validation of the Subarachnoid Hemorrhage International Trialists (SAHIT) Predictive Model Using the Barrow Ruptured Aneurysm Trial (BRAT) Cohort. <i>Neurosurgery</i> , 2020, 86, 101-106.	0.6	18
92	Incidence, classification, and treatment of angiographically occult intracranial aneurysms found during microsurgical aneurysm clipping of known aneurysms. <i>Journal of Neurosurgery</i> , 2020, 132, 434-441.	0.9	6
93	Effect of elevation of vascular endothelial growth factor level on exacerbation of hemorrhage in mouse brain arteriovenous malformation. <i>Journal of Neurosurgery</i> , 2020, 132, 1566-1573.	0.9	27
94	Anatomical triangles defining routes to anterior communicating artery aneurysms: the junctional and precommunicating triangles and the role of dome projection. <i>Journal of Neurosurgery</i> , 2020, 132, 1517-1528.	0.9	15
95	A novel proposed grading system for cerebellar arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2020, 132, 1105-1115.	0.9	12
96	Advances in Intraoperative Optics: A Brief Review of Current Exoscope Platforms. <i>Operative Neurosurgery</i> , 2020, 19, 84-93.	0.4	89
97	An Anatomic Feasibility Study for Revascularization of the Ophthalmic Artery, Part I: Intracanalicular Segment. <i>World Neurosurgery</i> , 2020, 133, e893-e901.	0.7	3
98	An Anatomical Feasibility Study for Revascularization of the Ophthalmic Artery. Part II: Intraorbital Segment. <i>World Neurosurgery</i> , 2020, 133, 401-408.	0.7	6
99	Retromastoid-transmuscular identification and harvest of the occipital artery during retrosigmoid craniotomy. <i>Journal of Neurosurgery</i> , 2020, 133, 538-545.	0.9	4
100	Digital subtraction cerebral angiography after negative computed tomography angiography findings in non-traumatic subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 526-530.	2.0	15
101	Side-to-Side Superficial Temporal Artery to Middle Cerebral Artery Bypass Technique: Application of Fourth Generation Bypass in a Case of Adult Moyamoya Disease. <i>Operative Neurosurgery</i> , 2020, 18, 480-486.	0.4	13
102	Complications of femoral versus radial access in neuroendovascular procedures with propensity adjustment. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 611-615.	2.0	65
103	Comparative Analysis of Continuous Suturing, Interrupted Suturing, and Cyanoacrylate-Based Lid Techniques for End-to-End Microvascular Anastomosis: Laboratory Investigation. <i>World Neurosurgery</i> , 2020, 134, 465-471.	0.7	4
104	Facial Nerve Preservation for Supraorbital Approaches: Anatomical Mapping Based on Consistent Landmarks. <i>Operative Neurosurgery</i> , 2020, 18, 52-59.	0.4	4
105	Exposure of the V1 Segment of the Vertebral Artery: Stepwise Cadaveric Surgical Simulation. <i>Operative Neurosurgery</i> , 2020, 19, E32-E38.	0.4	5
106	Anterior Inferior Cerebellar Artery Bypasses: The 7-Bypass Framework Applied to Ischemia and Aneurysms in the Cerebellopontine Angle. <i>Operative Neurosurgery</i> , 2020, 19, 165-174.	0.4	13
107	Cost determinants in management of brain arteriovenous malformations. <i>Acta Neurochirurgica</i> , 2020, 162, 169-173.	0.9	6
108	TLR4 (Toll-Like Receptor 4) Mediates the Development of Intracranial Aneurysm Rupture. <i>Hypertension</i> , 2020, 75, 468-476.	1.3	34

#	ARTICLE	IF	CITATIONS
109	Mast Cell Promotes the Development of Intracranial Aneurysm Rupture. <i>Stroke</i> , 2020, 51, 3332-3339.	1.0	26
110	Clinical outcomes after revascularization for pediatric moyamoya disease and syndrome: A single-center series. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 137-143.	0.8	7
111	Brain arteriovenous malformations. <i>Neurology</i> , 2020, 95, 917-927.	1.5	96
112	Cigarette smoking and risk of intracranial aneurysms in middle-aged women. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 985-990.	0.9	12
113	Tailoring the surgical corridor to the basilar apex in the pretemporal transcavernous approach: morphometric analyses of different neurovascular mobilization maneuvers. <i>Acta Neurochirurgica</i> , 2020, 162, 2731-2741.	0.9	5
114	Genotype-Phenotype Correlations in Children with HHT. <i>Journal of Clinical Medicine</i> , 2020, 9, 2714.	1.0	12
115	Outcomes in a Case Series of Elderly Patients with Aneurysmal Subarachnoid Hemorrhages in the Barrow Ruptured Aneurysm Trial (BRAT). <i>World Neurosurgery</i> , 2020, 139, e406-e411.	0.7	11
116	Anterior Cerebral Artery Bypass for Complex Aneurysms: Advances in Intracranial-Intracranial Bypass Techniques. <i>World Neurosurgery</i> , 2020, 141, e42-e54.	0.7	19
117	Far Lateral Craniotomy and Occlusion In Situ of a Lateral Medullary Arteriovenous Malformation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E423-E423.	0.4	0
118	Double-Barrel Superficial Temporal Artery-M2 Middle Cerebral Artery Bypass and Creation of a Middle Communicating Artery via M2-M2 End-to-End Reimplantation for Trapping of a Dolichoectatic Middle Cerebral Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E521-E522.	0.4	4
119	Carotid artery occlusion and revascularization in the management of meningioma. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 209-216.	1.0	4
120	Combining Stereoscopic Video and Virtual Reality Simulation to Maximize Education in Lateral Skull Base Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 162, 922-925.	1.1	11
121	Zygomatic-Meatal Perpendicular Projection Lines: Bony Landmarks for Early Identification of the Temporal Horn of the Lateral Ventricle. <i>World Neurosurgery</i> , 2020, 138, e591-e596.	0.7	0
122	Revascularization of the Posterior Inferior Cerebellar Artery Using the Occipital Artery: A Cadaveric Study Comparing the p3 and p1 Recipient Sites. <i>Operative Neurosurgery</i> , 2020, 19, E122-E129.	0.4	8
123	An a3-Anterior Inferior Cerebellar Artery to p3-Posterior Inferior Cerebellar Artery Bypass With Thrombectomy and Trapping of an Anterior Inferior Cerebellar Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E311-E312.	0.4	0
124	Reimplantation Bypass Using One Limb of a Double-Origin Posterior Inferior Cerebellar Artery for Treatment of a Ruptured Fusiform Aneurysm: Case Report. <i>Operative Neurosurgery</i> , 2020, 19, E314-E319.	0.4	6
125	Commentary: The Ruptured Arteriovenous Malformation Grading Scale (RAGS): An Extension of the Hunt and Hess Scale to Predict Clinical Outcome for Patients With Ruptured Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2020, 87, E99-E100.	0.6	0
126	Interdural course of the ophthalmic artery in the optic canal. <i>Journal of Neurosurgery</i> , 2020, 132, 277-283.	0.9	4

#	ARTICLE	IF	CITATIONS
127	The effect of preoperative embolization and flow dynamics on resection of brain arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2020, 132, 1836-1844.	0.9	19
128	Quantitative analysis of ipsilateral and contralateral supracerebellar infratentorial and occipital transtentorial approaches to the cisternal pulvinar: laboratory anatomical investigation. <i>Journal of Neurosurgery</i> , 2020, 133, 1172-1181.	0.9	8
129	Bringing high-grade arteriovenous malformations under control: clinical outcomes following multimodality treatment in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 82-91.	0.8	16
130	Predictors of the development of takotsubo cardiomyopathy in aneurysmal subarachnoid hemorrhage and outcomes in patients with intra-aortic balloon pumps. <i>Journal of Neurosurgery</i> , 2020, , 1-6.	0.9	6
131	Readmission following extracranial-intracranial bypass surgery in the United States: nationwide rates, causes, risk factors, and volume-driven outcomes. <i>Journal of Neurosurgery</i> , 2020, , 1-9.	0.9	7
132	The anterior incisural width as a preoperative indicator for intradural space evaluation: An anatomical investigation. , 2020, 11, 207.		2
133	Surgery for Vascular Lesions of the Brainstem. , 2020, , 195-215.		0
134	Surgical selection and outcomes among elderly patients with brain arteriovenous malformations. <i>Neurosurgical Focus</i> , 2020, 49, E9.	1.0	2
135	Letter to the Editor. Clip, clip, pass: real-world data and middle cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , 2020, 133, 1272-1274.	0.9	1
136	Transsylvian-Transinsular Approach for an Insular Cavernous Malformation Resection: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E50-E50.	0.4	2
137	The pterygoclival ligament: a novel landmark for localization of the internal carotid artery during the endoscopic endonasal approach. <i>Journal of Neurosurgery</i> , 2019, 130, 1699-1709.	0.9	8
138	Cost Transparency in Neurosurgery: A Single-Institution Analysis of Patient Out-of-Pocket Spending in 13 673 Consecutive Neurosurgery Cases. <i>Neurosurgery</i> , 2019, 84, 1280-1289.	0.6	13
139	Anatomical Assessment of the Temporopolar Artery for Revascularization of Deep Recipients. <i>Operative Neurosurgery</i> , 2019, 16, 335-344.	0.4	2
140	Assessment of the endoscopic endonasal approach to the basilar apex region for aneurysm clipping. <i>Journal of Neurosurgery</i> , 2019, 130, 1937-1948.	0.9	7
141	The oculomotor-tentorial triangle. Part 1: microsurgical anatomy and techniques to enhance exposure. <i>Journal of Neurosurgery</i> , 2019, 130, 1426-1434.	0.9	28
142	The oculomotor-tentorial triangle. Part 2: a microsurgical workspace for vascular lesions in the crural and ambient cisterns. <i>Journal of Neurosurgery</i> , 2019, 130, 1435-1445.	0.9	10
143	Far Lateral Craniotomy for Posterior Inferior Cerebellar Arteryâ€“Posterior Inferior Cerebellar Artery Bypass and Trapping of Posterior Inferior Cerebellar Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 16, E119-E120.	0.4	3
144	Long-term patency in cerebral revascularization surgery: an analysis of a consecutive series of 430 bypasses. <i>Journal of Neurosurgery</i> , 2019, 131, 80-87.	0.9	43

#	ARTICLE	IF	CITATIONS
145	Kawase Approach for Dolichoectatic Basilar Artery Macrovascular Decompression in a Patient With Trigeminal Neuralgia: Case Report. <i>Operative Neurosurgery</i> , 2019, 16, E178-E183.	0.4	15
146	Side-to-Side Anastomosis Training Model Using Rat Common Carotid Arteries. <i>Operative Neurosurgery</i> , 2019, 16, 345-350.	0.4	7
147	The Application of the Novel Grading Scale (Lawton-Young Grading System) to Predict the Outcome of Brain Arteriovenous Malformation. <i>Neurosurgery</i> , 2019, 84, 529-536.	0.6	25
148	Survival Outcomes Among Patients With High-Grade Glioma Treated With 5-Aminolevulinic Acid-Guided Surgery: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 620.	1.3	56
149	Progress in Confocal Laser Endomicroscopy for Neurosurgery and Technical Nuances for Brain Tumor Imaging With Fluorescein. <i>Frontiers in Oncology</i> , 2019, 9, 554.	1.3	28
150	Reverse Picket Fence Technique for Clipping of a Large, Anterior Communicating Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 18, E86-E87.	0.4	1
151	Quality of Life in Children With Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2019, 101, 26-32.	1.0	16
152	Development of a Simulation Model for Fluorescence-Guided Brain Tumor Surgery. <i>Frontiers in Oncology</i> , 2019, 9, 748.	1.3	8
153	Application of Fluorescein Fluorescence in Vascular Neurosurgery. <i>Frontiers in Surgery</i> , 2019, 6, 52.	0.6	26
154	Letter to the Editor Regarding Contralateral, Transfalcine Approach to Mesial Frontoparietal Region and Cingulate Gyrus: Cadaveric Feasibility Study. <i>World Neurosurgery</i> , 2019, 130, 573.	0.7	0
155	Volume-Cost Relationship in Neurosurgery: Analysis of 12,129,029 Admissions from the National Inpatient Sample. <i>World Neurosurgery</i> , 2019, 129, e791-e802.	0.7	16
156	The Inferior Nuchal Line as a Simple Landmark for Identifying the Vertebral Artery During the Retrosigmoid Approach. <i>Operative Neurosurgery</i> , 2019, 18, 302-308.	0.4	6
157	Posterior Inferior Cerebellar Artery Reanastomosis After Excision of a Ruptured p2-PICA Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 18, E114.	0.4	0
158	Response by Hashimoto et al to Letter Regarding Article Potential Influences of Gut Microbiota on the Formation of Intracranial Aneurysms. <i>Hypertension</i> , 2019, 74, e24-e25.	1.3	0
159	Response by Hashimoto et al to Letter Regarding Article Potential Influences of Gut Microbiota on the Formation of Intracranial Aneurysms. <i>Hypertension</i> , 2019, 74, e2-e3.	1.3	1
160	The future of open vascular neurosurgery: perspectives on cavernous malformations, AVMs, and bypasses for complex aneurysms. <i>Journal of Neurosurgery</i> , 2019, 130, 1409-1425.	0.9	116
161	Transcavernous Approach to the Upper Basilar and Retroclival Area: Cadaveric Surgical Simulation Video: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E251-E251.	0.4	3
162	Does eloquence subtype influence outcome following arteriovenous malformation surgery?. <i>Journal of Neurosurgery</i> , 2019, 131, 876-883.	0.9	11

#	ARTICLE	IF	CITATIONS
163	Anatomical Analysis of the Vagoaccessory Triangle and the Triangles Within: The Suprahypoglossal, Infrahypoglossal, and Hypoglossalâ€“Hypoglossal Triangles. <i>World Neurosurgery</i> , 2019, 126, e463-e472.	0.7	11
164	Familial Cerebral Cavernous Malformations. <i>Stroke</i> , 2019, 50, 1294-1301.	1.0	92
165	Microsurgical Clipping of Anterior Choroidal Artery Aneurysms: A Systematic Approach to Reducing Ischemic Complications in an Experience with 146 Patients. <i>Operative Neurosurgery</i> , 2019, 17, 413-423.	0.4	11
166	Single-Barrel Versus Double-Barrel Superficial Temporal Artery to Middle Cerebral Artery Bypass: A Comparative Analysis. <i>World Neurosurgery</i> , 2019, 125, e408-e415.	0.7	19
167	Superficial temporal arteryâ€“toâ€“middle cerebral artery bypass in combination with indirect revascularization in moyamoya patients â‰¥ 3 years of age. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 198-203.	0.8	18
168	Practice Trends in Intracranial Bypass Surgery in a 21-Year Experience. <i>World Neurosurgery</i> , 2019, 125, e717-e722.	0.7	21
169	Double-Barrel Extracranialâ€“Intracranial Bypass and Trapping of Dolichoectatic Middle Cerebral Artery Aneurysms: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E14-E15.	0.4	5
170	Physical and Family History Variables Associated With Neurological and Cognitive Development in Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2019, 96, 30-36.	1.0	32
171	Applications of Microscope-Integrated Indocyanine Green Videoangiography in Cerebral Revascularization Procedures. <i>Frontiers in Surgery</i> , 2019, 6, 59.	0.6	13
172	Exposure of the External Carotid Artery Through the Posterior Neck Triangle, Cadaveric Surgical Simulation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E65-E65.	0.4	0
173	Potential Influences of Gut Microbiota on the Formation of Intracranial Aneurysm. <i>Hypertension</i> , 2019, 73, 491-496.	1.3	84
174	Nationwide Analysis of Cost Variation for Treatment of Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2019, 50, 199-203.	1.0	6
175	The Identification of Factors That Influence the Quality of Bypass Anastomosis and an Evaluation of the Usefulness of an Experimental Practical Scale in This Regard. <i>World Neurosurgery</i> , 2019, 121, e119-e128.	0.7	14
176	Sylvian fissure splitting revisited: Applied arachnoidal anatomy and proposition of a live practice model. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 235-242.	0.8	9
177	In Reply: Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. <i>Operative Neurosurgery</i> , 2019, 16, E111-E112.	0.4	2
178	Complications of AVM Microsurgery; Steal Phenomenon and Management of Residual AVM. , 2019, , 54-58.		0
179	Double Origin of the Posterior Inferior Cerebellar Artery: Anatomic Case Report. <i>World Neurosurgery</i> , 2019, 124, 110-115.	0.7	6
180	Analysis of Wide-Neck Aneurysms in the Barrow Ruptured Aneurysm Trial. <i>Neurosurgery</i> , 2019, 85, 622-631.	0.6	34

#	ARTICLE	IF	CITATIONS
181	Hypothesis: Presymptomatic treatment of Sturge-Weber Syndrome With Aspirin and Antiepileptic Drugs May Delay Seizure Onset. <i>Pediatric Neurology</i> , 2019, 90, 8-12.	1.0	33
182	Minimally Invasive Exposure of the Maxillary Artery at the Anteromedial Infratemporal Fossa. <i>Operative Neurosurgery</i> , 2019, 16, 79-85.	0.4	13
183	Microvascular Anastomosis: Proposition of a Learning Curve. <i>Operative Neurosurgery</i> , 2019, 16, 211-216.	0.4	7
184	Long-term results of middle cerebral artery aneurysm clipping in the Barrow Ruptured Aneurysm Trial. <i>Journal of Neurosurgery</i> , 2019, 130, 895-901.	0.9	22
185	Volume-outcome relationship in pediatric neurotrauma care: analysis of two national databases. <i>Neurosurgical Focus</i> , 2019, 47, E9.	1.0	20
186	Letter to the Editor. Radiosurgery for cerebral cavernous malformations: a word of caution. <i>Journal of Neurosurgery</i> , 2019, 130, 2086-2090.	0.9	1
187	Contralateral supracerebellar transtentorial approach for a thalamic cavernous malformation resection: operative video. <i>Neurosurgical Focus Video</i> , 2019, 1, V21.	0.1	0
188	Superficial Temporal Artery to Middle Cerebral Artery Bypass in a 1-Year-Old Moyamoya Patient: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E60-E60.	0.4	4
189	Anterior clinoidectomy using an extradural and intradural 2-step hybrid technique. <i>Journal of Neurosurgery</i> , 2018, 130, 238-247.	0.9	18
190	Contralateral Supracerebellar-Infratentorial Approach for Resection of Thalamic Cavernous Malformations. <i>Operative Neurosurgery</i> , 2018, 15, 404-411.	0.4	12
191	Analysis of Surgical Freedom Variation Across the Basilar Artery Bifurcation: Towards a Deeper Insight Into Approach Selection for Basilar Apex Aneurysms. <i>Operative Neurosurgery</i> , 2018, 15, 692-700.	0.4	2
192	Intracranial-Intracranial Bypass: Rationale, Indications, and Technical Considerations. <i>Contemporary Neurosurgery</i> , 2018, 40, 1-8.	0.2	2
193	The transperiosteal "inside-out" occipital artery harvesting technique. <i>Journal of Neurosurgery</i> , 2018, 130, 207-212.	0.9	20
194	Microsurgical clipping of ophthalmic artery aneurysms: surgical results and visual outcomes with 208 aneurysms. <i>Journal of Neurosurgery</i> , 2018, 129, 1511-1521.	0.9	45
195	Microsurgical resection of brain arteriovenous malformations in the elderly: outcomes analysis and risk stratification. <i>Journal of Neurosurgery</i> , 2018, 129, 1107-1113.	0.9	14
196	Intracranial "Intracranial A1 ACA-SVG-M2 MCA+M2 MCA Double Reimplantation Bypass For a Giant Middle Cerebral Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 84-84.	0.4	9
197	Reductions in brain pericytes are associated with arteriovenous malformation vascular instability. <i>Journal of Neurosurgery</i> , 2018, 129, 1464-1474.	0.9	84
198	In Reply: Contralateral Anterior Interhemispheric Approach to Medial Frontal Arteriovenous Malformations: Surgical Technique and Results. <i>Operative Neurosurgery</i> , 2018, 14, E45-E45.	0.4	0

#	ARTICLE	IF	CITATIONS
199	Transperisosteal Inside-Out Occipital Artery Harvest and Occipital Artery-Anterior Inferior Cerebellar Artery Bypass for Vertebrobasilar Ischemia: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 101-101.	0.4	5
200	Comprehensive Anatomic Assessment of the Pterional, Orbitopterional, and Orbitozygomatic Approaches for Basilar Apex Aneurysm Clipping. <i>Operative Neurosurgery</i> , 2018, 15, 538-550.	0.4	8
201	Surgical Treatment of Large or Giant Fusiform Middle Cerebral Artery Aneurysms: A Case Series. <i>World Neurosurgery</i> , 2018, 115, e252-e262.	0.7	15
202	Patient out-of-pocket spending in cranial neurosurgery: single-institution analysis of 6569 consecutive cases and literature review. <i>Neurosurgical Focus</i> , 2018, 44, E6.	1.0	11
203	Letter: Results of Surgery for Low-Grade Brain Arteriovenous Malformation Resection by Early Career Neurosurgeons: An Observational Study. <i>Neurosurgery</i> , 2018, 83, E91-E91.	0.6	0
204	Technical Nuances of Exposing Rat Common Carotid Arteries for Practicing Microsurgical Anastomosis. <i>World Neurosurgery</i> , 2018, 115, e305-e311.	0.7	5
205	Association of common candidate variants with vascular malformations and intracranial hemorrhage in hereditary hemorrhagic telangiectasia. <i>Molecular Genetics & Genomic Medicine</i> , 2018, 6, 350-356.	0.6	19
206	The subatlantic triangle: gateway to early localization of the atlantoaxial vertebral artery. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 18-27.	0.9	6
207	The History and Evolution of Internal Maxillary Artery Bypass. <i>World Neurosurgery</i> , 2018, 113, 320-332.	0.7	31
208	Identification of a rare BMP pathway mutation in a non-syndromic human brain arteriovenous malformation via exome sequencing. <i>Human Genome Variation</i> , 2018, 5, 18001.	0.4	20
209	Targeted Embolization of Aneurysms Associated With Brain Arteriovenous Malformations at High Risk for Surgical Resection: A Case-Control Study. <i>Neurosurgery</i> , 2018, 82, 343-349.	0.6	14
210	Cross-Wise Counter Clipping of a Dolichoectatic Left Vertebral Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 204-205.	0.4	2
211	Surgical Treatment vs Nonsurgical Treatment for Brain Arteriovenous Malformations in Patients with Hereditary Hemorrhagic Telangiectasia: A Retrospective Multicenter Consortium Study. <i>Neurosurgery</i> , 2018, 82, 35-47.	0.6	22
212	Contralateral Anterior Interhemispheric Approach to Medial Frontal Arteriovenous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 14, 86-86.	0.4	3
213	Contralateral posterior interhemispheric approach to deep medial parietooccipital vascular malformations: surgical technique and results. <i>Journal of Neurosurgery</i> , 2018, 129, 198-204.	0.9	14
214	Contralateral Approach to Middle Cerebral Artery Aneurysms: An Anatomical-Clinical Analysis to Improve Patient Selection. <i>World Neurosurgery</i> , 2018, 109, e274-e280.	0.7	3
215	The V3 segment of the vertebral artery as a robust donor for intracranial-to-intracranial interpositional bypasses: technique and application in 5 patients. <i>Journal of Neurosurgery</i> , 2018, 129, 691-701.	0.9	12
216	International multicentre validation of the arteriovenous malformation-related intracerebral haemorrhage (AVICH) score. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1163-1166.	0.9	13

#	ARTICLE	IF	CITATIONS
217	Isolated abducens nerve palsy associated with subarachnoid hemorrhage: a localizing sign of ruptured posterior inferior cerebellar artery aneurysms. <i>Journal of Neurosurgery</i> , 2018, 128, 1830-1838.	0.9	7
218	Revascularization of the upper posterior circulation with the anterior temporal artery: an anatomical feasibility study. <i>Journal of Neurosurgery</i> , 2018, 129, 121-127.	0.9	5
219	Preoperative Prediction of the Necessity for Anterior Clinoidectomy During Microsurgical Clipping of Ruptured Posterior Communicating Artery Aneurysms. <i>World Neurosurgery</i> , 2018, 109, e493-e501.	0.7	11
220	The Middle Temporal Artery: Surgical Anatomy and Exposure for Cerebral Revascularization. <i>World Neurosurgery</i> , 2018, 110, e79-e83.	0.7	8
221	Reduction of shunt dependency rates following aneurysmal subarachnoid hemorrhage by tandem fenestration of the lamina terminalis and membrane of Liliequist during microsurgical aneurysm repair. <i>Journal of Neurosurgery</i> , 2018, 129, 1166-1172.	0.9	16
222	Multivariable and Bayesian Network Analysis of Outcome Predictors in Acute Aneurysmal Subarachnoid Hemorrhage: Review of a Pure Surgical Series in the Post-International Subarachnoid Aneurysm Trial Era. <i>Operative Neurosurgery</i> , 2018, 14, 603-610.	0.4	11
223	Laboratory Evaluation of a Robotic Operative Microscope - Visualization Platform for Neurosurgery. <i>Cureus</i> , 2018, 10, e3072.	0.2	32
224	Internal Maxillary Artery to Anterior Circulation Bypass with Local Interposition Grafts Using a Minimally Invasive Approach: Surgical Anatomy and Technical Feasibility. <i>World Neurosurgery</i> , 2018, 120, e503-e510.	0.7	12
225	Surgical Clipping of Previously Ruptured, Coiled Aneurysms: Outcome Assessment in 53 Patients. <i>World Neurosurgery</i> , 2018, 120, e203-e211.	0.7	11
226	Price Transparency in Neurosurgery: Key Challenges and Proposed Solutions. <i>World Neurosurgery</i> , 2018, 119, 444-445.	0.7	3
227	Roles of Nicotine in the Development of Intracranial Aneurysm Rupture. <i>Stroke</i> , 2018, 49, 2445-2452.	1.0	29
228	A2 Anterior Cerebral Artery-to-A3 Anterior Cerebral Artery Interpositional Bypass with Radial Artery Graft for a Ruptured Mycotic Fusiform Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, 601-601.	0.4	6
229	Surgery for Posterior Circulation Aneurysms. , 2018, , 282-294.e1.		1
230	The Unique Features and Outcomes of Microsurgically Resected Cerebellar Arteriovenous Malformations. <i>World Neurosurgery</i> , 2018, 120, e940-e949.	0.7	8
231	Contralateral Transfalcine Versus Ipsilateral Anterior Interhemispheric Approach for Midline Arteriovenous Malformations: Surgical and Anatomical Assessment. <i>World Neurosurgery</i> , 2018, 119, e1041-e1051.	0.7	10
232	The End-to-Side Anastomosis: A Comparative Analysis of Arterial Models in the Rat. <i>World Neurosurgery</i> , 2018, 119, e809-e817.	0.7	7
233	Comparative Analysis of Orbitozygomatic and Subtemporal Approaches to the Basilar Apex: A Cadaveric Study. <i>World Neurosurgery</i> , 2018, 119, e607-e616.	0.7	11
234	Combination Superficial Temporal Artery-Middle Cerebral Artery Bypass and M2 to M2 Reanastomosis With Trapping of a Stented Distal Middle Cerebral Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2018, 15, E67-E68.	0.4	4

#	ARTICLE	IF	CITATIONS
235	In Reply: Passing the Needle and Pulling the Thread. <i>Operative Neurosurgery</i> , 2018, 15, E32-E32.	0.4	0
236	The In Situ Side-To-Side Bypass Technique: A Comprehensive Review of the Technical Characteristics, Current Anastomosis Approaches, and Surgical Experience. <i>World Neurosurgery</i> , 2018, 115, 357-372.	0.7	22
237	Brain AVM: Current Treatments and Challenges. , 2018, , 69-81.		0
238	Modern classification and outcome predictors of surgery in patients with brain arteriovenous malformations. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 454-466.	0.3	2
239	Quantitative Anatomic Analysis of the Transcallosal-Transchoroidal Approach and the Transcallosal-Subchoroidal Approach to the Floor of the Third Ventricle: An Anatomic Study. <i>World Neurosurgery</i> , 2018, 118, 219-229.	0.7	13
240	Direct Bypass Surgery: Principles, Nuances, and Complication Avoidance. , 2018, , 205-214.		0
241	Optical Characterization of Neurosurgical Operating Microscopes: Quantitative Fluorescence and Assessment of PpIX Photobleaching. <i>Scientific Reports</i> , 2018, 8, 12543.	1.6	37
242	Blister Aneurysms of the Internal Carotid Artery: Microsurgical Results and Management Strategy. <i>Neurosurgery</i> , 2017, 80, 235-247.	0.6	59
243	Comparison of clipping and coiling in elderly patients with unruptured cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2017, 126, 811-818.	0.9	38
244	Medicare expenditures for elderly patients undergoing surgical clipping or endovascular intervention for subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2017, 126, 805-810.	0.9	13
245	Anterior Transposition of Anomalous Tortuous Vertebral Artery Causing Cervical Radiculopathy: A Report of 2 Cases and Review of Literature. <i>World Neurosurgery</i> , 2017, 101, 289-295.	0.7	5
246	Macrovascular Decompression of the Brainstem and Cranial Nerves: Evolution of an Anteromedial Vertebrobasilar Artery Transposition Technique. <i>Neurosurgery</i> , 2017, 81, 367-376.	0.6	25
247	Supratonsillar Approach to Deep Cerebellar Cavernous Malformations Near the Dentate Nucleus: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 759-759.	0.4	1
248	Delayed Venous Drainage in Ruptured Arteriovenous Malformations Based on Quantitative Color-Coded Digital Subtraction Angiography. <i>World Neurosurgery</i> , 2017, 104, 619-627.	0.7	26
249	Management of a Ruptured Posterior Inferior Cerebellar Artery (PICA) Aneurysm With PICAâ€PICA In Situ Bypass and Trapping: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 400-400.	0.4	3
250	Aneurysms of the Proximal Segment of the Anterior Cerebral Artery: A New Classification System with Corresponding Therapeutic Options. <i>World Neurosurgery</i> , 2017, 104, 291-302.	0.7	14
251	Protective Effect of Mesenchymal Stem Cells Against the Development of Intracranial Aneurysm Rupture in Mice. <i>Neurosurgery</i> , 2017, 81, 1021-1028.	0.6	19
252	Assessment of the Temporopolar Artery as a Donor Artery for Intracranial-Intracranial Bypass to the Middle Cerebral Artery: Anatomic Feasibility Study. <i>World Neurosurgery</i> , 2017, 104, 171-179.	0.7	5

#	ARTICLE	IF	CITATIONS
253	Computational Fluid Dynamics modeling of contrast transport in basilar aneurysms following flow-altering surgeries. <i>Journal of Biomechanics</i> , 2017, 50, 195-201.	0.9	20
254	Management of Small Incidental Intracranial Aneurysms. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 389-396.	0.8	9
255	Exposure of the External Carotid Artery Through the Posterior Triangle of the Neck: A Novel Approach to Facilitate Bypass Procedures to the Posterior Cerebral Circulation. <i>Operative Neurosurgery</i> , 2017, 13, 374-381.	0.4	6
256	Microsurgical Bypass Training Rat Model: Part 2—Anastomosis Configurations. <i>World Neurosurgery</i> , 2017, 107, 935-943.	0.7	12
257	Occipital Artery to Anterior Inferior Cerebellar Artery Bypass with Radial Artery Interposition Graft for Vertebrobasilar Insufficiency: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 641-641.	0.4	6
258	The artery of Wollschlaeger and Wollschlaeger: an anatomical-clinical illustration. <i>British Journal of Neurosurgery</i> , 2017, 31, 593-595.	0.4	16
259	The Superior Cerebellar Artery Aneurysm: A Posterior Circulation Aneurysm with Favorable Microsurgical Outcomes. <i>Neurosurgery</i> , 2017, 80, 908-916.	0.6	18
260	Soluble FLT1 Gene Therapy Alleviates Brain Arteriovenous Malformation Severity. <i>Stroke</i> , 2017, 48, 1420-1423.	1.0	20
261	Hearing Preservation During Anterior Petrosectomy: The “Cochlear Safety Line”. <i>World Neurosurgery</i> , 2017, 99, 618-622.	0.7	13
262	Association Between Surgeon Scorecard Use and Operating Room Costs. <i>JAMA Surgery</i> , 2017, 152, 284.	2.2	84
263	Anterior Temporal Artery-to-Anterior Cerebral Artery Bypass: Anatomic Feasibility of a Novel Intracranial-Intracranial Revascularization Technique. <i>World Neurosurgery</i> , 2017, 99, 667-673.	0.7	10
264	Transfer of Learning from Practicing Microvascular Anastomosis on Silastic Tubes to Rat Abdominal Aorta. <i>World Neurosurgery</i> , 2017, 108, 230-235.	0.7	21
265	Internal Maxillary Artery to Upper Posterior Circulation Bypass Using a Superficial Temporal Artery Graft: Surgical Anatomy and Feasibility Assessment. <i>World Neurosurgery</i> , 2017, 107, 314-321.	0.7	12
266	Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. <i>Stroke</i> , 2017, 48, 2881-2884.	1.0	35
267	Subarachnoid Hemorrhage. <i>New England Journal of Medicine</i> , 2017, 377, 257-266.	13.9	371
268	The Infrazygomatic Segment of the Superficial Temporal Artery: Anatomy and Technique for Harvesting a Better Interposition Graft. <i>Operative Neurosurgery</i> , 2017, 13, 517-521.	0.4	7
269	Analysis of Cost Variation in Craniotomy for Tumor Using 2 National Databases. <i>Neurosurgery</i> , 2017, 81, 972-979.	0.6	20
270	Suboccipital Craniotomy and Clip Occlusion of a Precoiled Recurrent Distal Posterior Inferior Cerebellar Artery Aneurysm: Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 761-762.	0.4	0

#	ARTICLE	IF	CITATIONS
271	In Reply to the Letter to the Editor "Feasibility of Using a Superficial Temporal Artery Graft in Internal Maxillary Artery Bypass". <i>World Neurosurgery</i> , 2017, 108, 973-974.	0.7	1
272	Risk of Aneurysm Residual Regrowth, Recurrence, and de Novo Aneurysm Formation After Microsurgical Clip Occlusion Based on Follow-up with Catheter Angiography. <i>World Neurosurgery</i> , 2017, 106, 74-84.	0.7	48
273	A3 "A3 In Situ Bypass and Distal Clip Occlusion of Giant Serpentine Anterior Communicating Artery Aneurysm: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 755-755.	0.4	4
274	Microsurgical Bypass Training Rat Model, Part 1: Technical Nuances of Exposure of the Aorta and Iliac Arteries. <i>World Neurosurgery</i> , 2017, 107, 925-934.	0.7	10
275	Preserving the Facial Nerve During Orbitozygomatic Craniotomy: Surgical Anatomy Assessment and Stepwise Illustration. <i>World Neurosurgery</i> , 2017, 105, 359-368.	0.7	13
276	Sequential Extradural Release of the V3 Vertebral Artery to Facilitate Intradural V4 Vertebral Artery Reanastomosis: Feasibility of a Novel Revascularization Technique. <i>Operative Neurosurgery</i> , 2017, 13, 345-351.	0.4	7
277	Contralateral Anterior Interhemispheric Approach to Medial Frontal Arteriovenous Malformations: Surgical Technique and Results. <i>Operative Neurosurgery</i> , 2017, 13, 413-420.	0.4	13
278	The anterior temporal artery: an underutilized but robust donor for revascularization of the distal middle cerebral artery. <i>Journal of Neurosurgery</i> , 2017, 127, 740-747.	0.9	6
279	Improved outcomes for patients with cerebrovascular malformations at high-volume centers: the impact of surgeon and hospital volume in the United States, 2000-2009. <i>Journal of Neurosurgery</i> , 2017, 127, 69-80.	0.9	40
280	Bypass surgery for complex middle cerebral artery aneurysms: an algorithmic approach to revascularization. <i>Journal of Neurosurgery</i> , 2017, 127, 463-479.	0.9	120
281	Tonsillobiventral fissure approach to the lateral recess of the fourth ventricle. <i>Journal of Neurosurgery</i> , 2017, 127, 768-774.	0.9	15
282	Comparison of Patient Outcomes in 3725 Overlapping vs 3633 Nonoverlapping Neurosurgical Procedures Using a Single Institution's Clinical and Administrative Database. <i>Neurosurgery</i> , 2017, 80, 257-268.	0.6	54
283	Surgical Technique for High-Flow Internal Maxillary Artery to Middle Cerebral Artery Bypass Using a Superficial Temporal Artery Interposition Graft. <i>Operative Neurosurgery</i> , 2017, 13, 246-257.	0.4	23
284	Internal Maxillary Artery to M2 Middle Cerebral Artery Bypass With Modified Superficial Temporal Artery Graft: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 280-280.	0.4	6
285	The Supracerebellar-Transtentorial Approach to Vascular Lesions in the Inferomedial Temporal Lobe: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 536-536.	0.4	25
286	Transcallosal-transchoroidal Fissure Approach for Resection of Third Ventricle Cavernous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2017, 13, 398-398.	0.4	3
287	Spinal cavernous malformations. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2017, 143, 303-308.	1.0	11
288	Surgical management of cerebral dural arteriovenous fistulae. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2017, 143, 107-116.	1.0	6

#	ARTICLE	IF	CITATIONS
289	Anatomical Variations of the Anterior Clinoid Process. <i>Operative Neurosurgery</i> , 2016, 12, 289-297.	0.4	24
290	Early Localization of the Third Segment of the Vertebral Artery. <i>Operative Neurosurgery</i> , 2016, 12, 350-359.	0.4	6
291	Middle Cerebral Artery-to-A1 Anterior Cerebral Artery Intracranial-Intracranial Bypass for Ruptured Dissecting Pseudoaneurysm. <i>Operative Neurosurgery</i> , 2016, 12, 91-92.	0.4	3
292	Bypass Surgery for the Treatment of Dolichoectatic Basilar Trunk Aneurysms. <i>Neurosurgery</i> , 2016, 79, 83-99.	0.6	82
293	Response to Journal Club. <i>Neurosurgery</i> , 2016, 78, 758-759.	0.6	1
294	Two Distal Posterior Inferior Cerebellar Artery Aneurysms Treated With Trapping-Reanastomosis and Clipping. <i>Operative Neurosurgery</i> , 2016, 12, 195-196.	0.4	0
295	Assessment of the Endoscopic Endonasal Transclival Approach for Surgical Clipping of Anterior Pontine Anterior-Inferior Cerebellar Artery Aneurysms. <i>World Neurosurgery</i> , 2016, 89, 368-375.	0.7	25
296	Indirect and direct revascularization of ACTA2 cerebral arteriopathy: feasibility of the superficial temporal artery to anterior cerebral artery bypass with posterior auricular artery interposition graft: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 339-343.	0.8	19
297	Predictive modeling and inÂvivo assessment of cerebral blood flow in the management of complex cerebral aneurysms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 998-1003.	2.4	19
298	Molecular, Cellular, and Genetic Determinants of Sporadic Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2016, 63, 37-42.	0.6	17
299	V3 Vertebral Artery to M2 Middle Cerebral Artery Bypass. <i>Operative Neurosurgery</i> , 2016, 12, 194.	0.4	4
300	Microsurgical Clipping of Bilateral Superior Hypophyseal Artery Aneurysms Through Unilateral Pterional Craniotomy. <i>Operative Neurosurgery</i> , 2016, 12, 193-193.	0.4	1
301	The Lateral Triangle of the Middle Fossa. <i>Operative Neurosurgery</i> , 2016, 12, 106-111.	0.4	17
302	The AVICH Score: A Novel Grading System to Predict Clinical Outcome in Arteriovenous Malformationâ€Related Intracerebral Hemorrhage. <i>World Neurosurgery</i> , 2016, 92, 292-297.	0.7	38
303	Brainstem cavernous malformations: Natural history versus surgical management. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 164-165.	0.8	23
304	Topographic Surgical Anatomy of the Parasylvian Anterior Temporal Artery for Intracranial-Intracranial Bypass. <i>World Neurosurgery</i> , 2016, 93, 67-72.	0.7	5
305	Three-Dimensional Imaging in Neurosurgical Research and Education. <i>World Neurosurgery</i> , 2016, 91, 317-325.	0.7	9
306	The transsylvian approach for resection of insular gliomas: technical nuances of splitting the Sylvian fissure. <i>Journal of Neuro-Oncology</i> , 2016, 130, 283-287.	1.4	28

#	ARTICLE	IF	CITATIONS
307	Genome-wide association study of sporadic brain arteriovenous malformations. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 916-923.	0.9	29
308	Posterior inferior cerebellar artery reimplantation: buffer lengths, perforator anatomy, and technical limitations. Journal of Neurosurgery, 2016, 125, 909-914.	0.9	15
309	Intracranial-to-intracranial bypass for posterior inferior cerebellar artery aneurysms: options, technical challenges, and results in 35 patients. Journal of Neurosurgery, 2016, 124, 1275-1286.	0.9	73
310	Surgical assessment of the insula. Part 1: surgical anatomy and morphometric analysis of the transsylvian and transcortical approaches to the insula. Journal of Neurosurgery, 2016, 124, 469-481.	0.9	64
311	Mouse Models of Cerebral Arteriovenous Malformation. Stroke, 2016, 47, 293-300.	1.0	18
312	Volume-staged radiosurgery for large arteriovenous malformations: an evolving paradigm. Journal of Neurosurgery, 2016, 124, 163-174.	0.9	57
313	Morphometric characterization of brain arteriovenous malformations for clinical and radiological studies to identify silent intralesional microhemorrhages. , 2016, 35, 114-121.		10
314	Basilar Artery Aneurysm: Role for Open Surgery. , 2016, , 83-92.		2
315	Neurosurgery for Cranial Dural Arteriovenous Fistulas. , 2016, , 1-27.		0
316	Brain arteriovenous malformations. Nature Reviews Disease Primers, 2015, 1, 15008.	18.1	203
317	Adult Mouse Venous Hypertension Model: Common Carotid Artery to External Jugular Vein Anastomosis.. Journal of Visualized Experiments, 2015, , 50472.	0.2	8
318	Microsurgical Management of Residual and Recurrent Aneurysms After Coiling and Clipping. Neurosurgery, 2015, 62, 92-102.	0.6	34
319	Transvenous Approach to Intracranial Arteriovenous Malformations. Neurosurgery, 2015, 77, 644-652.	0.6	37
320	Silent Arteriovenous Malformation Hemorrhage and the Recognition of "Unruptured" Arteriovenous Malformation Patients Who Benefit From Surgical Intervention. Neurosurgery, 2015, 76, 592-600.	0.6	38
321	Aneurysm Transection and Intra-aneurysmal Clipping of a Giant Ophthalmic Artery Aneurysm: 3-Dimensional Operative Video. Operative Neurosurgery, 2015, 11, 575-576.	0.4	1
322	Dual Origin of Extradural Posterior Inferior Cerebellar Artery From Vertebral and Occipital Arteries. Operative Neurosurgery, 2015, 11, 564-568.	0.4	6
323	The <i>ACVRL1</i> c.314G>A polymorphism is associated with organ vascular malformations in hereditary hemorrhagic telangiectasia patients with <i>ENG</i> mutations, but not in patients with <i>ACVRL1</i> mutations. American Journal of Medical Genetics, Part A, 2015, 167, 1262-1267.	0.7	19
324	Implantation of 3D-Printed Patient-Specific Aneurysm Models into Cadaveric Specimens: A New Training Paradigm to Allow for Improvements in Cerebrovascular Surgery and Research. BioMed Research International, 2015, 2015, 1-9.	0.9	33

#	ARTICLE	IF	CITATIONS
325	Angiotensin-(1-7) Protects against the Development of Aneurysmal Subarachnoid Hemorrhage in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1163-1168.	2.4	36
326	A treatment paradigm for high-grade brain arteriovenous malformations: volume-staged radiosurgical downgrading followed by microsurgical resection. <i>Journal of Neurosurgery</i> , 2015, 122, 419-432.	0.9	78
327	Brainstem arteriovenous malformations: anatomical subtypes, assessment of "occlusion in situ" technique, and microsurgical results. <i>Journal of Neurosurgery</i> , 2015, 122, 107-117.	0.9	62
328	Rescue Bypass for Revascularization After Ischemic Complications in the Treatment of Giant or Complex Intracranial Aneurysms. <i>World Neurosurgery</i> , 2015, 83, 912-920.	0.7	24
329	Current surgical results with low-grade brain arteriovenous malformations. <i>Journal of Neurosurgery</i> , 2015, 122, 912-920.	0.9	145
330	Julius Caesar's Epilepsy: Was It Caused by A Brain Arteriovenous Malformation?. <i>World Neurosurgery</i> , 2015, 84, 1985-1987.	0.7	7
331	The Superficial Temporal Artery Trunk-to-M2 Middle Cerebral Artery Bypass with Short Radial Artery Interposition Graft: The Forgotten Bypass. <i>World Neurosurgery</i> , 2015, 83, 145-146.	0.7	6
332	Volume-Outcome Relationships in Neurosurgery. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 207-218.	0.8	53
333	Brainstem Cavernous Malformations. <i>Neurosurgery</i> , 2015, 76, 265-278.	0.6	117
334	Validation of the Supplemented Spetzler-Martin Grading System for Brain Arteriovenous Malformations in a Multicenter Cohort of 1009 Surgical Patients. <i>Neurosurgery</i> , 2015, 76, 25-33.	0.6	135
335	Time for BARBADOS after ARUBA trial. <i>British Journal of Neurosurgery</i> , 2015, 29, 635-636.	0.4	11
336	Hemorrhage Rates From Brain Arteriovenous Malformation in Patients With Hereditary Hemorrhagic Telangiectasia. <i>Stroke</i> , 2015, 46, 1362-1364.	1.0	58
337	"Picket Fence" clipping technique for large and complex aneurysms. <i>Neurosurgical Focus</i> , 2015, 39, V17.	1.0	13
338	The unruptured intracranial aneurysm treatment score. <i>Neurology</i> , 2015, 85, 881-889.	1.5	301
339	Protective Role of Peroxisome Proliferator-Activated Receptor- β in the Development of Intracranial Aneurysm Rupture. <i>Stroke</i> , 2015, 46, 1664-1672.	1.0	63
340	Predictors of Complications with Unruptured Middle Cerebral Artery Aneurysm Clipping in a Surgically Treated Series of 416 Patients: A Clip First Approach Is Still Best. <i>World Neurosurgery</i> , 2015, 84, 884-885.	0.7	6
341	Three-Dimensional Hollow Intracranial Aneurysm Models and Their Potential Role for Teaching, Simulation, and Training. <i>World Neurosurgery</i> , 2015, 83, 35-36.	0.7	48
342	Endovascular and microsurgical treatment of cerebral arteriovenous malformations: Current recommendations. , 2015, 6, 39.		20

#	ARTICLE	IF	CITATIONS
343	Diagnosis and evaluation of intracranial arteriovenous malformations. , 2015, 6, 76.		19
344	Neurosurgery for Cranial Dural Arteriovenous Fistulas Cranial dural arteriovenous fistulas See Dural arteriovenous fistulae (DAVF). , 2015, , 2917-2941.		0
345	Distinctive distribution of lymphocytes in unruptured and previously untreated brain arteriovenous malformation. Neuroimmunology and Neuroinflammation, 2014, 1, 147.	1.4	24
346	Novel embalming solution for neurosurgical simulation in cadavers. Journal of Neurosurgery, 2014, 120, 1229-1237.	0.9	94
347	Anterior cerebral artery bypass for complex aneurysms: an experience with intracranial-intracranial reconstruction and review of bypass options. Journal of Neurosurgery, 2014, 120, 1364-1377.	0.9	105
348	Endoglin Deficiency Impairs Stroke Recovery. Stroke, 2014, 45, 2101-2106.	1.0	21
349	Intraoperative arteriovenous malformation rupture: causes, management techniques, outcomes, and the effect of neurosurgeon experience. Neurosurgical Focus, 2014, 37, E12.	1.0	15
350	Intraoperative rerupture during surgical treatment of aneurysmal subarachnoid hemorrhage is not associated with an increased risk of vasospasm. Journal of Neurosurgery, 2014, 120, 409-414.	0.9	17
351	Editorial: Prenidal aneurysm rupture with posterior fossa AVMs. Neurosurgical Focus, 2014, 37, E5.	1.0	5
352	Revascularization for Unclippable Posterior Inferior Cerebellar Artery Aneurysms: Extracranial-Intracranial or Intracranial-Intracranial Bypass?. World Neurosurgery, 2014, 82, 586-588.	0.7	14
353	Constitutively active Notch4 receptor elicits brain arteriovenous malformations through enlargement of capillary-like vessels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18007-18012.	3.3	82
354	Roles of Estrogen in the Formation of Intracranial Aneurysms in Ovariectomized Female Mice. Neurosurgery, 2014, 75, 690-695.	0.6	52
355	The Far Lateral Transpontomedullary Sulcus Approach to Pontine Cavernous Malformations. Operative Neurosurgery, 2014, 10, 472-480.	0.4	17
356	The natural history of AVM hemorrhage in the posterior fossa: comparison of hematoma volumes and neurological outcomes in patients with ruptured infra- and supratentorial AVMs. Neurosurgical Focus, 2014, 37, E6.	1.0	67
357	Treatment and outcomes of ARUBA-eligible patients with unruptured brain arteriovenous malformations at a single institution. Neurosurgical Focus, 2014, 37, E8.	1.0	124
358	Deep Arteriovenous Malformations in the Basal Ganglia, Thalamus, and Insula: Multimodality Management, Patient Selection, and Results. World Neurosurgery, 2014, 82, 386-394.	0.7	47
359	Management of brain arteriovenous malformations. Lancet, The, 2014, 383, 1634-1635.	6.3	23
360	Quantifying surgical access in eyebrow craniotomy with and without orbital bar removal: cadaver and surgical phantom studies. Acta Neurochirurgica, 2014, 156, 697-702.	0.9	15

#	ARTICLE	IF	CITATIONS
361	Multidisciplinary Consensus on Assessment of Unruptured Intracranial Aneurysms. <i>Stroke</i> , 2014, 45, 1523-1530.	1.0	83
362	Stereotactic radiosurgery at a low marginal dose for the treatment of pediatric arteriovenous malformations: obliteration, complications, and functional outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 1-11.	0.8	52
363	Hemorrhage Rates and Risk Factors in the Natural History Course of Brain Arteriovenous Malformations. <i>Translational Stroke Research</i> , 2014, 5, 538-542.	2.3	82
364	The Art of Basilar Apex Aneurysm Surgery: Is It Sustainable in the Future?. <i>World Neurosurgery</i> , 2014, 82, e51-e53.	0.7	6
365	Intracranial Aneurysm Formation Following Radiation. <i>World Neurosurgery</i> , 2014, 81, 492-493.	0.7	9
366	Awake Motor Examination During Intracranial Aneurysm Surgery. <i>World Neurosurgery</i> , 2014, 82, e683-e684.	0.7	5
367	Advances in Open Microsurgery for Cerebral Aneurysms. <i>Neurosurgery</i> , 2014, 74, S7-S16.	0.6	82
368	Bilateral ophthalmic segment aneurysm clipping with one craniotomy:operative technique and results. <i>Turkish Neurosurgery</i> , 2014, 24, 937-45.	0.1	10
369	Neurosurgery for Cranial Dural Arteriovenous Fistulas. , 2014, , 1-28.		0
370	Temporal lobe arteriovenous malformations: anatomical subtypes, surgical strategy, and outcomes. <i>Journal of Neurosurgery</i> , 2013, 119, 616-628.	0.9	22
371	Distal Aneurysms of Intracranial Arteries: Application of Numerical Nomenclature, Predilection for Cerebellar Arteries, and Results of Surgical Management. <i>World Neurosurgery</i> , 2013, 80, 103-112.	0.7	81
372	Superior cerebellar arteryâ€“posterior cerebral artery bypass: in situ bypass for posterior cerebral artery revascularization. <i>Journal of Neurosurgery</i> , 2013, 118, 1053-1057.	0.9	28
373	Letter to the Editor: Posterior inferior cerebellar artery aneurysms. <i>Journal of Neurosurgery</i> , 2013, 119, 1653-1655.	0.9	1
374	Editorial: Middle cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , 2013, 118, 947-949.	0.9	5
375	Reduced Mural Cell Coverage and Impaired Vessel Integrity After Angiogenic Stimulation in the <i>Alk1</i> -deficient Brain. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 305-310.	1.1	82
376	Deep Arteriovenous Malformations in the Basal Ganglia, Thalamus, and Insula. <i>Neurosurgery</i> , 2013, 73, 417-429.	0.6	64
377	Current Management of Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2013, 72, 415-427.	0.6	155
378	A Genome-Wide Investigation of Copy Number Variation in Patients with Sporadic Brain Arteriovenous Malformation. <i>PLoS ONE</i> , 2013, 8, e71434.	1.1	11

#	ARTICLE	IF	CITATIONS
379	Comparative effectiveness of treatments for cerebral arteriovenous malformations: trends in nationwide outcomes from 2000 to 2009. <i>Neurosurgical Focus</i> , 2012, 33, E11.	1.0	45
380	Surgical Management of Anterior Communicating and Anterior Cerebral Artery Aneurysms. , 2012, , 882-896.		0
381	Brain-Derived Neurotrophic Factor Val66Met Polymorphism Predicts Worse Functional Outcome After Surgery in Patients With Unruptured Brain Arteriovenous Malformation. <i>Stroke</i> , 2012, 43, 2255-2257.	1.0	19
382	Silent Intralesional Microhemorrhage as a Risk Factor for Brain Arteriovenous Malformation Rupture. <i>Stroke</i> , 2012, 43, 1240-1246.	1.0	78
383	Spinal dural arteriovenous fistulas and intrathecal venous drainage: correlation between digital subtraction angiography, magnetic resonance imaging, and clinical findings. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 433-440.	0.9	34
384	Macrophage Imaging Within Human Cerebral Aneurysms Wall Using Ferumoxytol-Enhanced MRI: A Pilot Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1032-1038.	1.1	98
385	Brain Arteriovenous Malformation Multiplicity Predicts the Diagnosis of Hereditary Hemorrhagic Telangiectasia. <i>Stroke</i> , 2012, 43, 72-78.	1.0	75
386	Evaluating Performance of the Spetzler-Martin Supplemented Model in Selecting Patients With Brain Arteriovenous Malformation for Surgery. <i>Stroke</i> , 2012, 43, 2497-2499.	1.0	22
387	The Contralateral Transcingulate Approach. <i>Operative Neurosurgery</i> , 2012, 71, ons4-ons14.	0.4	6
388	Advanced Technical Skills Are Required for Microsurgical Clipping of Posterior Communicating Artery Aneurysms in the Endovascular Era. <i>Neurosurgery</i> , 2012, 71, 285-295.	0.6	54
389	Seizure Predictors and Control After Microsurgical Resection of Supratentorial Arteriovenous Malformations in 440 Patients. <i>Neurosurgery</i> , 2012, 71, 572-580.	0.6	81
390	Cerebellar Arteriovenous Malformations. <i>Neurosurgery</i> , 2012, 71, 1111-1124.	0.6	87
391	Transylvian-Transinsular Approaches to the Insula and Basal Ganglia. <i>Neurosurgery</i> , 2012, 70, 824-834.	0.6	52
392	Twiglike Middle Cerebral Arteries. <i>Neurosurgery</i> , 2012, 71, E522.	0.6	4
393	Flash Fluorescence With Indocyanine Green Videoangiography to Identify the Recipient Artery for Bypass With Distal Middle Cerebral Artery Aneurysms. <i>Operative Neurosurgery</i> , 2012, 70, ons209-ons220.	0.4	25
394	G Protein-Coupled Receptor 124 (GPR124) Gene Polymorphisms and Risk of Brain Arteriovenous Malformation. <i>Translational Stroke Research</i> , 2012, 3, 418-427.	2.3	17
395	Minocycline- and tetracycline-class antibiotics are protective against partial seizures in vivo. <i>Epilepsy and Behavior</i> , 2012, 24, 314-318.	0.9	63
396	Bypass surgery for the prevention of ischemic stroke: current indications and techniques. <i>Neurocirugia</i> , 2012, 23, 5-14.	0.2	21

#	ARTICLE	IF	CITATIONS
397	Classification Schemes for Arteriovenous Malformations. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 43-53.	0.8	15
398	Perlecan domain V is upregulated in human brain arteriovenous malformation and could mediate the vascular endothelial growth factor effect in lesional tissue. <i>NeuroReport</i> , 2012, 23, 627-630.	0.6	10
399	Ferumoxytol-Enhanced MRI to Image Inflammation Within Human Brain Arteriovenous Malformations: a Pilot Investigation. <i>Translational Stroke Research</i> , 2012, 3, 166-173.	2.3	48
400	Segmental anatomy of cerebellar arteries: a proposed nomenclature. <i>Journal of Neurosurgery</i> , 2011, 115, 387-397.	0.9	76
401	Language and Motor Mapping During Resection of Brain Arteriovenous Malformations: Indications, Feasibility, and Utility. <i>Neurosurgery</i> , 2011, 68, 744-752.	0.6	48
402	Vertebral arteryâ€“posterior inferior cerebellar artery bypass using a radial artery graft for hemorrhagic dissecting vertebral artery aneurysms: surgical technique and report of 2 cases. <i>Journal of Neurosurgery</i> , 2011, 114, 1074-1079.	0.9	43
403	Giant Intracranial Aneurysms. <i>Neurosurgery</i> , 2011, 69, 1261-1271.	0.6	187
404	Selecting Therapy for Complex Aneurysms. <i>World Neurosurgery</i> , 2011, 75, 408.	0.7	2
405	Bypass for the Prevention of Ischemic Stroke. <i>World Neurosurgery</i> , 2011, 76, S72-S79.	0.7	22
406	Aneurysms associated with non-moyamoya collateral arterial networks: report of three cases and review of literature. <i>Neurosurgical Review</i> , 2011, 34, 517-522.	1.2	29
407	Elevated BNP is Associated with Vasospasm-Independent Cerebral Infarction Following Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2011, 15, 13-18.	1.2	30
408	Gene Expression Profiling of Blood in Brain Arteriovenous Malformation Patients. <i>Translational Stroke Research</i> , 2011, 2, 575-587.	2.3	31
409	Arteriovenous malformation in the adult mouse brain resembling the human disease. <i>Annals of Neurology</i> , 2011, 69, 954-962.	2.8	109
410	Critical Roles of Macrophages in the Formation of Intracranial Aneurysm. <i>Stroke</i> , 2011, 42, 173-178.	1.0	253
411	The azygos anterior cerebral artery bypass: double reimplantation technique for giant anterior communicating artery aneurysms. <i>Journal of Neurosurgery</i> , 2011, 114, 1154-1158.	0.9	23
412	Angiopoietin-Like 4 <i></i>(ANGPTL4)<i></i> Gene Polymorphisms and Risk of Brain Arteriovenous Malformations. <i>Cerebrovascular Diseases</i> , 2011, 31, 338-345.	0.8	41
413	Parafalcine and midline arteriovenous malformations: surgical strategy, techniques, and outcomes. <i>Journal of Neurosurgery</i> , 2011, 114, 984-993.	0.9	14
414	Anatomical triangles defining surgical routes to posterior inferior cerebellar artery aneurysms. <i>Journal of Neurosurgery</i> , 2011, 114, 1088-1094.	0.9	66

#	ARTICLE	IF	CITATIONS
415	Supratentorial cavernous malformations in eloquent and deep locations: surgical approaches and outcomes. <i>Journal of Neurosurgery</i> , 2011, 114, 814-827.	0.9	80
416	Predictors of seizure freedom in the surgical treatment of supratentorial cavernous malformations. <i>Journal of Neurosurgery</i> , 2011, 115, 1169-1174.	0.9	137
417	Microsurgical Management of Giant Intracranial Aneurysms. , 2011, , 3953-3971.		2
418	Deep Bypasses to the Distal Posterior Circulation. <i>Neurosurgery</i> , 2010, 66, 92-101.	0.6	55
419	Perfusion Computed Tomographic Imaging and Surgical Selection With Patients After Poor-Grade Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2010, 67, 964-975.	0.6	38
420	A Supplementary Grading Scale for Selecting Patients With Brain Arteriovenous Malformations for Surgery. <i>Neurosurgery</i> , 2010, 66, 702-713.	0.6	370
421	Evidence of Endothelial Progenitor Cells in the Human Brain and Spinal Cord Arteriovenous Malformations. <i>Neurosurgery</i> , 2010, 67, 1029-1035.	0.6	31
422	Supracerebellar-Supratrochlear and Infratentorial-Infratrochlear Approaches. <i>Operative Neurosurgery</i> , 2010, 66, ons264-ons274.	0.4	12
423	Rotational Vertebral Artery Occlusion—Series of 9 Cases. <i>Neurosurgery</i> , 2010, 67, 1066-1072.	0.6	57
424	Microsurgical management of pediatric intracranial aneurysms. <i>Child's Nervous System</i> , 2010, 26, 1319-1327.	0.6	45
425	Comparison of 2 Approaches for Determining the Natural History Risk of Brain Arteriovenous Malformation Rupture. <i>American Journal of Epidemiology</i> , 2010, 171, 1317-1322.	1.6	33
426	Improvement in intensive care unit outcomes in patients with subarachnoid hemorrhage after initiation of neurointensivist co-management. <i>Journal of Neurosurgery</i> , 2010, 112, 626-630.	0.9	89
427	Clinical presentation and surgical management of intramedullary spinal cord cavernous malformations. <i>Neurosurgical Focus</i> , 2010, 29, E12.	1.0	40
428	Reduced Expression of Integrin $\alpha 2 \beta 8$ Is Associated with Brain Arteriovenous Malformation Pathogenesis. <i>American Journal of Pathology</i> , 2010, 176, 1018-1027.	1.9	56
429	ANESTHETIC CONSIDERATIONS FOR SURGICAL RESECTION OF BRAIN ARTERIOVENOUS MALFORMATIONS. , 2010, , 264-277.		1
430	Common Variants in Interleukin-1-Beta Gene Are Associated with Intracranial Hemorrhage and Susceptibility to Brain Arteriovenous Malformation. <i>Cerebrovascular Diseases</i> , 2009, 27, 176-182.	0.8	84
431	Notch-1 signalling is activated in brain arteriovenous malformations in humans. <i>Brain</i> , 2009, 132, 3231-3241.	3.7	87
432	<i>EPHB4</i> Gene Polymorphisms and Risk of Intracranial Hemorrhage in Patients With Brain Arteriovenous Malformations. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 476-482.	5.1	33

#	ARTICLE	IF	CITATIONS
433	Soluble endoglin modulates aberrant cerebral vascular remodeling. <i>Annals of Neurology</i> , 2009, 66, 19-27.	2.8	39
434	Phase-contrast magnetic resonance imaging measurements in intracranial aneurysms in vivo of flow patterns, velocity fields, and wall shear stress: Comparison with computational fluid dynamics. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 409-417.	1.9	196
435	In Situ Bypass for Complex Intracranial Aneurysms. <i>Contemporary Neurosurgery</i> , 2009, 31, 1-6.	0.2	0
436	BYPASS SURGERY FOR COMPLEX BRAIN ANEURYSMS. <i>Neurosurgery</i> , 2009, 65, 670-683.	0.6	233
437	RADIOSURGERY FACILITATES RESECTION OF BRAIN ARTERIOVENOUS MALFORMATIONS AND REDUCES SURGICAL MORBIDITY. <i>Neurosurgery</i> , 2009, 64, 231-240.	0.6	118
438	The Supracarotid-infracarotid Approach: Surgical Technique and Clinical Application to Cavernous Malformations in the Anteroinferior Basal Ganglia. <i>Operative Neurosurgery</i> , 2009, 64, ONS86-ONS95.	0.4	11
439	SEIZURE CHARACTERISTICS AND CONTROL AFTER MICROSURGICAL RESECTION OF SUPRATENTORIAL CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2009, 65, 31-38.	0.6	92
440	In Situ Bypass for Complex Intracranial Aneurysms. <i>Contemporary Neurosurgery</i> , 2009, 31, 1-6.	0.2	0
441	MICROSURGICAL MANAGEMENT OF INCOMPLETELY COILED AND RECURRENT ANEURYSMS. <i>Operative Neurosurgery</i> , 2009, 64, ons301-ons317.	0.4	62
442	Perfusion CT compared to H2 15O/O15O PET in patients with chronic cervical carotid artery occlusion. <i>Neuroradiology</i> , 2008, 50, 745-751.	1.1	43
443	Interleukin-6 Stimulates Circulating Blood-Derived Endothelial Progenitor Cell Angiogenesis in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 90-98.	2.4	194
444	Predictors and Outcomes of Intraprocedural Rupture in Patients Treated for Ruptured Intracranial Aneurysms. <i>Stroke</i> , 2008, 39, 1501-1506.	1.0	181
445	Predictors of Rehemorrhage After Treatment of Ruptured Intracranial Aneurysms. <i>Stroke</i> , 2008, 39, 120-125.	1.0	433
446	Feasibility of Minocycline and Doxycycline Use as Potential Vasculostatic Therapy for Brain Vascular Malformations: Pilot Study of Adverse Events and Tolerance. <i>Cerebrovascular Diseases</i> , 2008, 25, 157-163.	0.8	57
447	Numerical Simulation of Pre- and Postsurgical Flow in a Giant Basilar Aneurysm. <i>Journal of Biomechanical Engineering</i> , 2008, 130, 021004.	0.6	18
448	Numerical Simulations of Flow in Cerebral Aneurysms: Comparison of CFD Results and In Vivo MRI Measurements. <i>Journal of Biomechanical Engineering</i> , 2008, 130, 051011.	0.6	82
449	Endothelial Nitric Oxide Synthase Polymorphism ($\text{G} \rightarrow \text{T}$) and Increased Risk of Angiographic Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2008, 39, 1103-1108.	1.0	59
450	Aortocarotid bypass for hemispheric hypoperfusion in a child. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 343-347.	0.8	3

#	ARTICLE	IF	CITATIONS
451	THE CURRENT ROLE OF MICROSURGERY FOR POSTERIOR CIRCULATION ANEURYSMS. <i>Neurosurgery</i> , 2008, 62, 1236-1253.	0.6	134
452	RADIATION ARTERIOPATHY IN THE TRANSGENIC ARTERIOVENOUS FISTULA MODEL. <i>Neurosurgery</i> , 2008, 62, 1129-1139.	0.6	16
453	CLIPPING OF COMPLEX ANEURYSMS WITH FENESTRATION TUBES. <i>Operative Neurosurgery</i> , 2008, 62, ONS371-ONS379.	0.4	12
454	EVIDENCE OF INFLAMMATORY CELL INVOLVEMENT IN BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2008, 62, 1340-1350.	0.6	129
455	RADIATION ARTERIOPATHY IN THE TRANSGENIC ARTERIOVENOUS FISTULA MODEL. <i>Neurosurgery</i> , 2008, 62, 1129-1139.	0.6	15
456	SPINAL DURAL ARTERIOVENOUS FISTULAE. <i>Neurosurgery</i> , 2008, 62, 159-167.	0.6	168
457	COMBINED MICROSURGICAL AND ENDOVASCULAR MANAGEMENT OF COMPLEX INTRACRANIAL ANEURYSMS. <i>Neurosurgery</i> , 2008, 62, SHC1503-SHC1515.	0.6	102
458	Predictors of Neurosurgical Career Choice among Residents and Residency Applicants. <i>Neurosurgery</i> , 2008, 63, E376.	0.6	0
459	IN SITU BYPASS IN THE MANAGEMENT OF COMPLEX INTRACRANIAL ANEURYSMS. <i>Neurosurgery</i> , 2008, 62, SHC1442-SHC1449.	0.6	37
460	RISK FACTORS FOR HEMORRHAGIC PRESENTATION IN PATIENTS WITH DURAL ARTERIOVENOUS FISTULAE. <i>Neurosurgery</i> , 2008, 62, 628-635.	0.6	65
461	Current Strategies for Complex Aneurysms using Intracranial Bypass and Reconstructive Techniques (<SPECIAL ISSUES>Current Strategies of Extracranial-Intracranial Bypass Surgery). <i>Japanese Journal of Neurosurgery</i> , 2008, 17, 601-611.	0.0	2
462	Racial/Ethnic Differences in Longitudinal Risk of Intracranial Hemorrhage in Brain Arteriovenous Malformation Patients. <i>Stroke</i> , 2007, 38, 2430-2437.	1.0	129
463	Growth and regression of arteriovenous malformations in a patient with hereditary hemorrhagic telangiectasia. <i>Journal of Neurosurgery</i> , 2007, 106, 470-477.	0.9	62
464	Distal aneurysms of basilar perforating and circumferential arteries. <i>Journal of Neurosurgery</i> , 2007, 107, 654-659.	0.9	31
465	THE EFFECTS OF DIFFUSENESS AND DEEP PERFORATING ARTERY SUPPLY ON OUTCOMES AFTER MICROSURGICAL RESECTION OF BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2007, 60, 638-648.	0.6	93
466	Predictors of Neurosurgical Career Choice Among Residents and Residency Applicants. <i>Neurosurgery</i> , 2007, 60, 934-939.	0.6	52
467	SYLVIAN FISSURE ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2007, 61, 29-38.	0.6	15
468	ASSOCIATION OF TUMOR NECROSIS FACTOR- α 238>A AND APOLIPOPROTEIN E2 POLYMORPHISMS WITH INTRACRANIAL HEMORRHAGE AFTER BRAIN ARTERIOVENOUS MALFORMATION TREATMENT. <i>Neurosurgery</i> , 2007, 61, 731-740.	0.6	39

#	ARTICLE	IF	CITATIONS
469	Arteriovenous Malformation. <i>Journal of Neurosurgery</i> , 2007, 106, 731-732.	0.9	9
470	Estimation of fusiform intracranial aneurysm growth by serial magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 177-183.	1.9	15
471	Interleukin-6 Upregulates Expression of KDR and Stimulates Proliferation of Human Cerebrovascular Smooth Muscle Cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 510-520.	2.4	45
472	Response to the Letter to the Editor from Christos Lazaridis, M.D. and Colleagues. <i>Neurocritical Care</i> , 2007, 7, 272-272.	1.2	0
473	MMP-9 expression is associated with leukocytic but not endothelial markers in brain arteriovenous malformations. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 3121.	3.0	67
474	Response to Letter by Atanassova. <i>Stroke</i> , 2006, 37, 2873-2873.	1.0	0
475	The Extended Retrosigmoid Approach: An Alternative To Radical Cranial Base Approaches For Posterior Fossa Lesions. <i>Operative Neurosurgery</i> , 2006, 58, ONS-208-ONS-214.	0.4	29
476	Posterior Interhemispheric Approach: Surgical Technique, Application to Vascular Lesions, and Benefits of Gravity Retraction. <i>Operative Neurosurgery</i> , 2006, 59, ONS-41-ONS-49.	0.4	28
477	Estimating the Hemodynamic Impact of Interventional Treatments of Aneurysms. <i>Neurosurgery</i> , 2006, 59, E429-E430.	0.6	65
478	Double Reimplantation Technique to Reconstruct Arterial Bifurcations with Giant Aneurysms. <i>Operative Neurosurgery</i> , 2006, 58, ONS-347-ONS-354.	0.4	9
479	Apolipoprotein Eε2 Is Associated with New Hemorrhage Risk in Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2006, 58, 838-843.	0.6	53
480	Expression of Hypoxia-inducible Factor-1 and Vascular Endothelial Growth Factor in Response to Venous Hypertension. <i>Neurosurgery</i> , 2006, 59, 687-696.	0.6	103
481	The Supratonsillar Approach to the Inferior Cerebellar Peduncle: Anatomy, Surgical Technique, and Clinical Application to Cavernous Malformations. <i>Operative Neurosurgery</i> , 2006, 59, ONS-244-ONS-252.	0.4	16
482	Predictors of Left Ventricular Regional Wall Motion Abnormalities After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2006, 4, 199-205.	1.2	103
483	Cardiovascular Predictors of In-Patient Mortality After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2006, 5, 102-107.	1.2	71
484	Interleukin-6 involvement in brain arteriovenous malformations. <i>Annals of Neurology</i> , 2006, 59, 72-80.	2.8	122
485	Tumor Necrosis Factor-α-238G>A Promoter Polymorphism Is Associated With Increased Risk of New Hemorrhage in the Natural Course of Patients With Brain Arteriovenous Malformations. <i>Stroke</i> , 2006, 37, 231-234.	1.0	93
486	Superior outcomes in children compared with adults after microsurgical resection of brain arteriovenous malformations. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 105, 82-87.	0.8	46

#	ARTICLE	IF	CITATIONS
487	Pediatric intracranial aneurysms: durability of treatment following microsurgical and endovascular management. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 104, 82-89.	0.8	63
488	Prospective analysis of prevalence, distribution, and rate of recovery of left ventricular systolic dysfunction in patients with subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2006, 105, 15-20.	0.9	165
489	Response to Letter Regarding Article by Banki et al, "Acute Neurocardiogenic Injury After Subarachnoid Hemorrhage". <i>Circulation</i> , 2006, 113, .	1.6	0
490	Interobserver Variability in Grading of Brain Arteriovenous Malformations Using the Spetzler-Martin System. <i>Neurosurgery</i> , 2005, 57, 668-675.	0.6	8
491	Long-Term Hemorrhage Risk in Children Versus Adults With Brain Arteriovenous Malformations. <i>Stroke</i> , 2005, 36, 2099-2104.	1.0	162
492	Interobserver Variability in Grading of Brain Arteriovenous Malformations Using the Spetzler-Martin System. <i>Neurosurgery</i> , 2005, 57, 668-675.	0.6	33
493	Intraoperative Motor Mapping of the Cerebral Peduncle during Resection of a Midbrain Cavernous Malformation: Technical Case Report. <i>Operative Neurosurgery</i> , 2005, 56, ONS-E439-ONS-E439.	0.4	24
494	Effect of Presenting Hemorrhage on Outcome after Microsurgical Resection of Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2005, 56, 485-493.	0.6	149
495	Effect of the Neurosurgeon's Surgical Experience on Outcomes from Intraoperative Aneurysmal Rupture. <i>Neurosurgery</i> , 2005, 57, 9-15.	0.6	104
496	In Situ Bypass in the Management of Complex Intracranial Aneurysms: Technique Application in 13 Patients. <i>Operative Neurosurgery</i> , 2005, 57, 140-145.	0.4	48
497	Thrombotic Intracranial Aneurysms: Classification Scheme and Management Strategies in 68 Patients. <i>Neurosurgery</i> , 2005, 56, 441-454.	0.6	132
498	Prevalence and Implications of Diastolic Dysfunction After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2005, 3, 132-138.	1.2	60
499	Suppression of MMP-9 by doxycycline in brain arteriovenous malformations. <i>BMC Neurology</i> , 2005, 5, 1.	0.8	68
500	Coexpression of Angiogenic Factors in Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2005, , .	0.6	29
501	Acute Neurocardiogenic Injury After Subarachnoid Hemorrhage. <i>Circulation</i> , 2005, 112, 3314-3319.	1.6	230
502	Revascularization with Saphenous Vein Bypasses for Complex Intracranial Aneurysms. <i>Skull Base</i> , 2005, 15, 119-132.	0.4	59
503	Polymorphisms in Transforming Growth Factor- β -Related Genes ALK1 and ENG Are Associated With Sporadic Brain Arteriovenous Malformations. <i>Stroke</i> , 2005, 36, 2278-2280.	1.0	90
504	Chlamydia pneumoniae Burden in Carotid Arteries Is Associated With Upregulation of Plaque Interleukin-6 and Elevated C-Reactive Protein in Serum. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2648-2653.	1.1	34

#	ARTICLE	IF	CITATIONS
505	Angiogenesis in the brain during development: the effects of vascular endothelial growth factor and angiopoietin-2 in an animal model. <i>Journal of Neurosurgery</i> , 2005, 103, 136-145.	0.9	15
506	Plasma B-Type Natriuretic Peptide Levels Are Associated With Early Cardiac Dysfunction After Subarachnoid Hemorrhage. <i>Stroke</i> , 2005, 36, 1567-1569.	1.0	118
507	Correlation between luminal geometry changes and hemodynamics in fusiform intracranial aneurysms. <i>American Journal of Neuroradiology</i> , 2005, 26, 2357-63.	1.2	91
508	Coexpression of angiogenic factors in brain arteriovenous malformations. <i>Neurosurgery</i> , 2005, 56, 1058-65; discussion 1058-65.	0.6	81
509	Interobserver variability in grading of brain arteriovenous malformations using the Spetzler-Martin system. <i>Neurosurgery</i> , 2005, 57, 668-75; discussion 668-75.	0.6	9
510	Regionalization of Treatment for Subarachnoid Hemorrhage. <i>Circulation</i> , 2004, 109, 2207-2212.	1.6	54
511	Thrombosis of a spinal arteriovenous malformation after hemorrhage: case report. <i>World Neurosurgery</i> , 2004, 61, 92-94.	1.3	20
512	Predictors of Neurocardiogenic Injury After Subarachnoid Hemorrhage. <i>Stroke</i> , 2004, 35, 548-551.	1.0	334
513	Polymorphisms in Genes Involved in Inflammatory and Angiogenic Pathways and the Risk of Hemorrhagic Presentation of Brain Arteriovenous Malformations. <i>Stroke</i> , 2004, 35, 2294-2300.	1.0	134
514	Gene Microarray Analysis of Human Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2004, 54, 410-425.	0.6	120
515	“Tangential” Resection of Medial Temporal Lobe Arteriovenous Malformations with the Orbitozygomatic Approach. <i>Neurosurgery</i> , 2004, 54, 645-652.	0.6	28
516	THE TRANSGENIC ARTERIOVENOUS FISTULA IN THE RAT: AN EXPERIMENTAL MODEL OF GENE THERAPY FOR BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2004, 54, 1463-1471.	0.6	16
517	THE RELATIONSHIP OF COEXISTING EXTRANIDAL ANEURYSMS TO INTRACRANIAL HEMORRHAGE IN PATIENTS HARBORING BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2004, 54, 1349-1358.	0.6	72
518	Giant Infiltrative Cavernous Malformation: Clinical Presentation, Intervention, and Genetic Analysis: Case Report. <i>Neurosurgery</i> , 2004, 55, E988-E995.	0.6	42
519	Cardiac Injury after Subarachnoid Hemorrhage Is Independent of the Type of Aneurysm Therapy. <i>Neurosurgery</i> , 2004, 55, 1244-1251.	0.6	50
520	Nonsaccular aneurysms of the azygos anterior cerebral artery. <i>Neurosurgical Focus</i> , 2004, 17, 1-5.	1.0	28
521	Transcranial Motor Evoked Potentials during Basilar Artery Aneurysm Surgery: Technique Application for 30 Consecutive Patients. <i>Neurosurgery</i> , 2004, 54, 916-924.	0.6	104
522	Spinal Epidural Hematoma. <i>Neurosurgery Quarterly</i> , 2004, 14, 51-59.	0.1	16

#	ARTICLE	IF	CITATIONS
523	Renal Cell Carcinoma Metastatic to the Choroid Mimicking Intraventricular Meningioma. Canadian Journal of Neurological Sciences, 2004, 31, 115-120.	0.3	17
524	Intracranial Aneurysms. , 2004, , 1279-1335.		3
525	Abnormal Expression of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Brain Arteriovenous Malformations. Stroke, 2003, 34, 925-931.	1.0	146
526	Spetzler-Martin Grade III Arteriovenous Malformations: Surgical Results and a Modification of the Grading Scale. Neurosurgery, 2003, 52, 740-749.	0.6	226
527	Combined Microsurgical and Endovascular Management of Complex Intracranial Aneurysms. Neurosurgery, 2003, 52, 263-275.	0.6	139
528	Hypothermic Circulatory Arrest. , 2003, , 620-623.		0
529	Aneurysms, Intracranial. , 2003, , 172-178.		0
530	Computational approach to quantifying hemodynamic forces in giant cerebral aneurysms. American Journal of Neuroradiology, 2003, 24, 1804-10.	1.2	88
531	Stereotactic radiosurgery for pediatric intracranial arteriovenous malformations: the University of California at San Francisco experience. Journal of Neurosurgery, 2002, 97, 48-55.	0.9	107
532	Characteristics of Brain Arteriovenous Malformations With Coexisting Aneurysms. Stroke, 2002, 33, 675-679.	1.0	70
533	Basilar Apex Aneurysms: Surgical Results and Perspectives from an Initial Experience. Neurosurgery, 2002, 50, 1-10.	0.6	7
534	Basilar Apex Aneurysms: Surgical Results and Perspectives from an Initial Experience. Neurosurgery, 2002, 50, 1-10.	0.6	156
535	Magnetic Source Imaging Demonstrates Altered Cortical Distribution of Function in Patients with Arteriovenous Malformations. Neurosurgery, 2002, 51, 614-627.	0.6	31
536	Association Between Subarachnoid Hemorrhage Outcomes and Number of Cases Treated at California Hospitals. Stroke, 2002, 33, 1851-1856.	1.0	191
537	Magnetic Source Imaging Demonstrates Altered Cortical Distribution of Function in Patients with Arteriovenous Malformations. Neurosurgery, 2002, 51, 614-627.	0.6	13
538	Magnetic source imaging demonstrates altered cortical distribution of function in patients with arteriovenous malformations. Neurosurgery, 2002, 51, 614-23; discussion 623-7.	0.6	10
539	The tandem bypass: subclavian artery-to-middle cerebral artery bypass with dacron and saphenous vein grafts. Technical case report.. World Neurosurgery, 2001, 56, 164-169.	1.3	24
540	Current Multimodality Management of Infectious Intracranial Aneurysms. Neurosurgery, 2001, 48, 1203-1214.	0.6	139

#	ARTICLE	IF	CITATIONS
541	A Neurocytoma and an Associated Lenticulostriate Artery Aneurysm Presenting with Intraventricular Hemorrhage: Case Report. <i>Neurosurgery</i> , 2001, 49, 721-725.	0.6	45
542	Current Multimodality Management of Infectious Intracranial Aneurysms. <i>Neurosurgery</i> , 2001, 48, 1203-1214.	0.6	103
543	A Neurocytoma and an Associated Lenticulostriate Artery Aneurysm Presenting with Intraventricular Hemorrhage: Case Report. <i>Neurosurgery</i> , 2001, 49, 721-725.	0.6	26
544	Evidence of Increased Endothelial Cell Turnover in Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2001, 49, 124-132.	0.6	79
545	Evidence of Increased Endothelial Cell Turnover in Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2001, 49, 124-132.	0.6	74
546	C-Reactive Protein Levels and Viable <i>Chlamydia pneumoniae</i> in Carotid Artery Atherosclerosis. <i>Stroke</i> , 2001, 32, 2748-2752.	1.0	97
547	Current Multimodality Management of Infectious Intracranial Aneurysms. <i>Neurosurgery</i> , 2001, , .	0.6	0
548	Abnormal Balance in the Angiopoietin-Tie2 System in Human Brain Arteriovenous Malformations. <i>Circulation Research</i> , 2001, 89, 111-113.	2.0	110
549	Spinal Dural Arteriovenous Fistula with an Associated Feeding Artery Aneurysm: Case Report. <i>Neurosurgery</i> , 1999, 44, 877-880.	0.6	17
550	Late angiographic follow-up review of surgically treated aneurysms. <i>Journal of Neurosurgery</i> , 1999, 91, 396-401.	0.9	424
551	Cavernous malformations of the brainstem: experience with 100 patients. <i>Journal of Neurosurgery</i> , 1999, 90, 50-58.	0.9	474
552	The transfacial approaches to midline skull base lesions: A classification scheme. <i>Operative Techniques in Neurosurgery</i> , 1999, 2, 201-217.	0.1	14
553	Ethmoidal Dural Arteriovenous Fistulae: An Assessment of Surgical and Endovascular Management. <i>Neurosurgery</i> , 1999, 45, 805-811.	0.6	128
554	The state of the art of neuronavigation with frameless stereotaxy in intracranial neurosurgery. <i>Operative Techniques in Neurosurgery</i> , 1998, 1, 27-38.	0.1	4
555	Hypothermic Circulatory Arrest in Neurovascular Surgery: Evolving Indications and Predictors of Patient Outcome. <i>Neurosurgery</i> , 1998, 43, 10-20.	0.6	98
556	Surgical Strategies for Giant Intracranial Aneurysms. <i>Neurosurgery Clinics of North America</i> , 1998, 9, 725-742.	0.8	85
557	Juvenile active ossifying fibroma. <i>Journal of Neurosurgery</i> , 1997, 86, 279-285.	0.9	62
558	Redefined role of angiogenesis in the pathogenesis of dural arteriovenous malformations. <i>Journal of Neurosurgery</i> , 1997, 87, 267-274.	0.9	264

#	ARTICLE	IF	CITATIONS
559	Technical Aspects and Recent Trends in the Management of Large and Giant Midbasilar Artery Aneurysms. <i>Neurosurgery</i> , 1997, 41, 513-521.	0.6	84
560	Management of arteriovenous malformations: Part II. <i>World Neurosurgery</i> , 1997, 48, 2-6.	1.3	3
561	Detection of Delayed Cerebral Vasospasm, after Rupture of Intracranial Aneurysms, by Magnetic Resonance Angiography. <i>Neurosurgery</i> , 1997, 41, 997-998.	0.6	4
562	Surgical Management of Acutely Ruptured Arteriovenous Malformations. , 1997, , 511-519.		5
563	Technical Aspects and Recent Trends in the Management of Large and Giant Midbasilar Artery Aneurysms. <i>Neurosurgery</i> , 1997, 41, 513-521.	0.6	73
564	Titanium Aneurysm Clips: Part III Clinical Application in 16 Patients with Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 1996, 38, 1170-1175.	0.6	31
565	Revascularization and Aneurysm Surgery: Current Techniques, Indications, and Outcome. <i>Neurosurgery</i> , 1996, 38, 83-94.	0.6	397
566	The Contralateral Transcallosal Approach: Experience with 32 Patients. <i>Neurosurgery</i> , 1996, 39, 729-734.	0.6	117
567	Characteristics and surgical treatment of dolichoectatic and fusiform aneurysms. <i>Journal of Neurosurgery</i> , 1996, 84, 185-193.	0.9	274
568	Internal Carotid Artery Sacrifice for Radical Resection of Skull Base Tumors. <i>Skull Base</i> , 1996, 6, 119-123.	0.4	46
569	Titanium Aneurysm Clips: Part III-Clinical Application in 16 Patients with Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 1996, 38, 1170-1175.	0.6	26
570	Titanium Aneurysm Clips: Part I-Mechanical, Radiological, and Biocompatibility Testing. <i>Neurosurgery</i> , 1996, 38, 1158-1164.	0.6	24
571	Titanium Aneurysm Clips: Part II-Seizure and Electroencephalographic Studies in Implanted Rabbits. <i>Neurosurgery</i> , 1996, 38, 1165-1169.	0.6	8
572	Multimodality Treatment of Deep Arteriovenous Malformations: Thalamus, Basal Ganglia, and Brain Stem. <i>Neurosurgery</i> , 1995, 37, 29-36.	0.6	181
573	Surgical management of spinal epidural hematoma: relationship between surgical timing and neurological outcome. <i>Journal of Neurosurgery</i> , 1995, 83, 1-7.	0.9	526
574	Multimodality Treatment of Deep Arteriovenous Malformations. <i>Neurosurgery</i> , 1995, 37, 29-36.	0.6	25
575	Microsurgical treatment of ruptured aneurysms beyond 72 hours after rupture: implications for advanced management. <i>Acta Neurochirurgica</i> , 0, , .	0.9	0
576	Fourth-generation bypass and flow reversal to treat a symptomatic giant dolichoectatic basilar trunk aneurysm. <i>Acta Neurochirurgica</i> , 0, , .	0.9	1