

Judy Huang

List of Publications by Year in descending order

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266
papers

9,548
citations

47006

47
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49909

87
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269
all docs

269
docs citations

269
times ranked

9874
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation in stroke and focal cerebral ischemia. World Neurosurgery, 2006, 66, 232-245.	1.3	583
2	Efficacy and safety of minimally invasive surgery with thrombolysis in intracerebral haemorrhage evacuation (MISTIE III): a randomised, controlled, open-label, blinded endpoint phase 3 trial. Lancet, The, 2019, 393, 1021-1032.	13.7	534
3	Dual-Modality Monitoring of Targeted Intraarterial Delivery of Mesenchymal Stem Cells After Transient Ischemia. Stroke, 2008, 39, 1569-1574.	2.0	371
4	Intracranial Dural Arteriovenous Fistulas: Classification, Imaging Findings, and Treatment. American Journal of Neuroradiology, 2012, 33, 1007-1013.	2.4	347
5	Neuronal Protection in Stroke by an sLe ^x -Glycosylated Complement Inhibitory Protein. Science, 1999, 285, 595-599.	12.6	328
6	Detection of the Ischemic Penumbra Using pH-Weighted MRI. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1129-1136.	4.3	296
7	Safety and efficacy of minimally invasive surgery plus alteplase in intracerebral haemorrhage evacuation (MISTIE): a randomised, controlled, open-label, phase 2 trial. Lancet Neurology, The, 2016, 15, 1228-1237.	10.2	292
8	Intracranial aneurysms in the pediatric population: case series and literature review. World Neurosurgery, 2005, 63, 424-432.	1.3	216
9	Dehydroascorbic acid, a blood-brain barrier transportable form of vitamin C, mediates potent cerebroprotection in experimental stroke. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11720-11724.	7.1	213
10	Chronic Subdural Hematoma. Neurosurgery Clinics of North America, 2017, 28, 205-210.	1.7	177
11	Myosin light chain kinase and myosin phosphorylation effect frequency-dependent potentiation of skeletal muscle contraction. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17519-17524.	7.1	173
12	Syndrome of the Trephined. Neurosurgery, 2016, 79, 525-534.	1.1	170
13	Role of inflammation (leukocyte-endothelial cell interactions) in vasospasm after subarachnoid hemorrhage. World Neurosurgery, 2010, 73, 22-41.	1.3	145
14	Updates in Chronic Subdural Hematoma: Epidemiology, Etiology, Pathogenesis, Treatment, and Outcome. World Neurosurgery, 2020, 141, 339-345.	1.3	135
15	Matrix Metalloproteinase-9 in Cerebral Aneurysms. Neurosurgery, 1997, 41, 642-647.	1.1	123
16	Hyperglycemia Independently Increases the Risk of Perioperative Stroke, Myocardial Infarction, and Death after Carotid Endarterectomy. Neurosurgery, 2006, 58, 1066-1073.	1.1	122
17	Simplified quantitative description of amide proton transfer (APT) imaging during acute ischemia. Magnetic Resonance in Medicine, 2007, 57, 405-410.	3.0	122
18	Inflammation and Cerebral Vasospasm After Subarachnoid Hemorrhage. Neurosurgery Clinics of North America, 2010, 21, 365-379.	1.7	119

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19	Real-time evaluation of myosin light chain kinase activation in smooth muscle tissues from a transgenic calmodulin-biosensor mouse. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6279-6284.	7.1	117
20	Hydrocephalus After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery Clinics of North America, 2010, 21, 263-270.	1.7	99
21	Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure. Neurosurgery, 2019, 84, 1157-1168.	1.1	93
22	Impact of COVID-19 on an Academic Neurosurgery Department: The Johns Hopkins Experience. World Neurosurgery, 2020, 139, e877-e884.	1.3	85
23	SELECTIVE VERSUS ROUTINE INTRAOPERATIVE SHUNTING DURING CAROTID ENDARTERECTOMY. Neurosurgery, 2007, 61, 1170-1177.	1.1	81
24	HuEP5C7 as a Humanized Monoclonal Anti-E/P-Selectin Neurovascular Protective Strategy in a Blinded Placebo-Controlled Trial of Nonhuman Primate Stroke. Circulation Research, 2002, 91, 907-914.	4.5	78
25	Neuroprotection in cerebral ischemia by neutralization of 3-aminopropanal. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5579-5584.	7.1	75
26	Craniofacial Reconstruction With Poly(Methyl Methacrylate) Customized Cranial Implants. Journal of Craniofacial Surgery, 2015, 26, 64-70.	0.7	73
27	Predictors of cerebral aneurysm persistence and occlusion after flow diversion: a single-institution series of 445 cases with angiographic follow-up. Journal of Neurosurgery, 2018, 130, 1-9.	1.6	73
28	MICROSURGICAL CLIPPING AND ENDOVASCULAR COILING OF INTRACRANIAL ANEURYSMS. Neurosurgery, 2008, 62, 1187-1203.	1.1	72
29	Formation and Function of Acute Stroke—Ready Hospitals Within a Stroke System of Care Recommendations From the Brain Attack Coalition. Stroke, 2013, 44, 3382-3393.	2.0	72
30	Natural history and treatment of craniocervical junction dural arteriovenous fistulas. Journal of Clinical Neuroscience, 2015, 22, 1701-1707.	1.5	71
31	Immediate and follow-up results for 44 consecutive cases of small (<10 mm) internal carotid artery aneurysms treated with the pipeline embolization device. , 2013, 4, 114.		70
32	Metastatic Atypical and Anaplastic Meningioma: A Case Series and Review of the Literature. World Neurosurgery, 2017, 101, 47-56.	1.3	69
33	<i>Clostridium novyi</i> -NT can cause regression of orthotopically implanted glioblastomas in rats. Oncotarget, 2015, 6, 5536-5546.	1.8	65
34	Classification of cavernous internal carotid artery tortuosity: a predictor of procedural complexity in Pipeline embolization. Journal of NeuroInterventional Surgery, 2015, 7, 628-633.	3.3	64
35	Adult Cranioplasty Reconstruction With Customized Cranial Implants: Preferred Technique, Timing, and Biomaterials. Journal of Craniofacial Surgery, 2018, 29, 887-894.	0.7	64
36	Simvastatin for the prevention of symptomatic cerebral vasospasm following aneurysmal subarachnoid hemorrhage: a single-institution prospective cohort study. Journal of Neurosurgery, 2009, 110, 968-974.	1.6	63

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37	Targeted Inhibition of Intrinsic Coagulation Limits Cerebral Injury in Stroke without Increasing Intracerebral Hemorrhage. <i>Journal of Experimental Medicine</i> , 1999, 190, 91-100.	8.5	62
38	Immediate procedural outcomes in 35 consecutive pipeline embolization cases: a single-center, single-user experience. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, 237-246.	3.3	62
39	Hemorrhage Risk of Brain Arteriovenous Malformations During Pregnancy and Puerperium in a North American Cohort. <i>Stroke</i> , 2017, 48, 1507-1513.	2.0	62
40	A single center comparison of coiling versus stent assisted coiling in 90 consecutive paraophthalmic region aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2012, 4, 116-120.	3.3	60
41	Endovascular flow diversion for treatment of anterior communicating artery region cerebral aneurysms: a single-center cohort of 50 cases. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 679-685.	3.3	59
42	Cost Comparison of Endovascular Treatment of Anterior Circulation Aneurysms With the Pipeline Embolization Device and Stent-Assisted Coiling. <i>Neurosurgery</i> , 2012, 71, 944-950.	1.1	58
43	Immediate procedural outcomes in 44 consecutive Pipeline Flex cases: the first North American single-center series. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 702-709.	3.3	58
44	Impact of resident participation on morbidity and mortality in neurosurgical procedures: an analysis of 16,098 patients. <i>Journal of Neurosurgery</i> , 2015, 122, 955-961.	1.6	57
45	Surgical complications following malignant brain tumor surgery: An analysis of 2002â€“2011 data. <i>Clinical Neurology and Neurosurgery</i> , 2016, 140, 6-10.	1.4	56
46	Small Aneurysms Account for the Majority and Increasing Percentage of Aneurysmal Subarachnoid Hemorrhage: A 25-Year, Single Institution Study. <i>Neurosurgery</i> , 2018, 83, 692-699.	1.1	56
47	Dural Arteriovenous Fistulas: Epidemiology and Clinical Presentation. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 7-13.	1.7	55
48	Flow Diversion of Posterior Circulation Cerebral Aneurysms: A Single-Institution Series of 59 Cases. <i>Neurosurgery</i> , 2019, 84, 206-216.	1.1	55
49	Influence of insurance status on survival of adults with glioblastoma multiforme: A populationâ€“based study. <i>Cancer</i> , 2016, 122, 3157-3165.	4.1	52
50	Impact of Changes in Intraoperative Somatosensory Evoked Potentials on Stroke Rates After Clipping of Intracranial Aneurysms. <i>Neurosurgery</i> , 2012, 70, 1114-1124.	1.1	49
51	Suppression of lipid artifacts in amide proton transfer imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 222-225.	3.0	48
52	Utilization of the Navien distal intracranial catheter in 78 cases of anterior circulation aneurysm treatment with the Pipeline embolization device. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, iii16-iii21.	3.3	48
53	Flow diversion of large internal carotid artery aneurysms with the surpass device: impressions and technical nuance from the initial North American experience. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 279-286.	3.3	43
54	Immediate Single-Stage Cranioplasty Following Calvarial Resection for Benign and Malignant Skull Neoplasms Using Customized Craniofacial Implants. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 1456-1462.	0.7	42

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55	R ² eD AVM Score. Stroke, 2019, 50, 1703-1710.	2.0	42
56	Ultrarapid, Convection-Enhanced Intravascular Hypothermia. Stroke, 2003, 34, 1994-1999.	2.0	41
57	17 β -estradiol attenuates breakdown of blood-brain barrier and hemorrhagic transformation induced by tissue plasminogen activator in cerebral ischemia. Neurobiology of Disease, 2011, 44, 277-283.	4.4	40
58	The Radiosurgical Treatment of Arteriovenous Malformations: Obliteration, Morbidities, and Performance Status. International Journal of Radiation Oncology Biology Physics, 2011, 80, 354-361.	0.8	40
59	Cerebrovascular Reactivity Mapping Using Resting-State BOLD Functional MRI in Healthy Adults and Patients with Moyamoya Disease. Radiology, 2021, 299, 419-425.	7.3	40
60	Ultra-distal large-bore intracranial access using the hyperflexible Navien distal intracranial catheter for the treatment of cerebrovascular pathologies: a technical note. Journal of NeuroInterventional Surgery, 2014, 6, 301-307.	3.3	39
61	Impact on Seizure Control of Surgical Resection or Radiosurgery for Cerebral Arteriovenous Malformations. Neurosurgery, 2013, 73, 648-656.	1.1	38
62	Multidisciplinary Approach for Improved Outcomes in Secondary Cranial Reconstruction. Operative Neurosurgery, 2014, 10, 179-190.	0.8	38
63	Quantitative Analysis of Dual-Purpose, Patient-Specific Craniofacial Implants for Correction of Temporal Deformity. Operative Neurosurgery, 2015, 11, 220-229.	0.8	37
64	Declining complication rates with flow diversion of anterior circulation aneurysms after introduction of the Pipeline Flex: analysis of a single-institution series of 568 cases. Journal of Neurosurgery, 2018, 129, 1475-1481.	1.6	37
65	Accuracy of Computed Tomography Angiography in the Diagnosis of Intracranial Aneurysms. World Neurosurgery, 2013, 80, 845-852.	1.3	36
66	The Minipterional Craniotomy for Anterior Circulation Aneurysms. Operative Neurosurgery, 2014, 10, 200-207.	0.8	35
67	Lower Risk of Intracranial Arteriovenous Malformation Hemorrhage in Patients With Hereditary Hemorrhagic Telangiectasia. Neurosurgery, 2016, 78, 684-693.	1.1	35
68	Atypical and anaplastic meningioma: outcomes in a population based study. Journal of Neuro-Oncology, 2017, 133, 321-330.	2.9	35
69	Pediatric spinal cord astrocytomas: a retrospective study of 348 patients from the SEER database. Journal of Neurosurgery: Pediatrics, 2017, 19, 711-719.	1.3	35
70	Updates in arteriovenous malformation management: the post-ARUBA era. Stroke and Vascular Neurology, 2020, 5, 34-39.	3.3	35
71	Perceived impact of USMLE Step 1 pass/fail scoring change on neurosurgery: program director survey. Journal of Neurosurgery, 2020, 133, 928-935.	1.6	35
72	Shifting Treatment Paradigms for Ruptured Aneurysms from Open Surgery to Endovascular Therapy Over 25 Years. World Neurosurgery, 2017, 106, 919-924.	1.3	34

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73	Preoperative anemia increases postoperative morbidity in elective cranial neurosurgery. , 2014, 5, 156.		34
74	Delayed Tolerance With Repetitive Transient Focal Ischemic Preconditioning in the Mouse. Stroke, 2008, 39, 967-974.	2.0	33
75	Time Interval Reduction for Delayed Implant-Based Cranioplasty Reconstruction in the Setting of Previous Bone Flap Osteomyelitis. Plastic and Reconstructive Surgery, 2016, 137, 394e-404e.	1.4	33
76	P2Y12 hyporesponse (PRU>200) is not associated with increased thromboembolic complications in anterior circulation Pipeline. Journal of NeuroInterventional Surgery, 2017, 9, 978-981.	3.3	32
77	Sonolucent Cranial Implants: Cadaveric Study and Clinical Findings Supporting Diagnostic and Therapeutic Transcranioplasty Ultrasound. Journal of Craniofacial Surgery, 2019, 30, 1456-1461.	0.7	32
78	Long-term hemorrhagic risk in pediatric patients with arteriovenous malformations. Journal of Neurosurgery: Pediatrics, 2016, 18, 329-338.	1.3	30
79	Precision of VerifyNow P2Y12 Assessment of Clopidogrel Response in Patients Undergoing Cerebral Aneurysm Flow Diversion. Neurosurgery, 2019, 85, 543-549.	1.1	30
80	Intraoperative Laser Speckle Contrast Imaging For Real-Time Visualization of Cerebral Blood Flow in Cerebrovascular Surgery: Results From Pre-Clinical Studies. Scientific Reports, 2020, 10, 7614.	3.3	30
81	Improving medical student recruitment to neurosurgery. Journal of Neurosurgery, 2020, 133, 848-854.	1.6	30
82	An improved functional neurological examination for use in nonhuman primate studies of focal reperfused cerebral ischemia. Neurological Research, 2003, 25, 280-284.	1.3	29
83	Permanent CSF shunting after intraventricular hemorrhage in the CLEAR III trial. Neurology, 2017, 89, 355-362.	1.1	29
84	Safety and Efficacy of Fixed-dose Heparin in Carotid Endarterectomy. Neurosurgery, 1999, 45, 434-442.	1.1	28
85	Surgical Treatment of Cranial Arteriovenous Malformations and Dural Arteriovenous Fistulas. Neurosurgery Clinics of North America, 2012, 23, 105-122.	1.7	28
86	Racial Associations with Hemorrhagic Presentation in Cerebral Arteriovenous Malformations. World Neurosurgery, 2015, 84, 461-469.	1.3	28
87	Radiation dose analysis of large and giant internal carotid artery aneurysm treatment with the pipeline embolization device versus traditional coiling techniques. Journal of NeuroInterventional Surgery, 2015, 7, 380-384.	3.3	27
88	Preresidency Publication Number Does Not Predict Academic Career Placement in Neurosurgery. World Neurosurgery, 2017, 101, 350-356.	1.3	27
89	First In-Human Experience With Complete Integration of Neuromodulation Device Within a Customized Cranial Implant. Operative Neurosurgery, 2018, 15, 39-45.	0.8	27
90	Letter to the Editor "Changes to Neurosurgery Resident Education Since Onset of the COVID-19 Pandemic". World Neurosurgery, 2020, 139, 734-740.	1.3	27

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91	Titration of Postischemic Cerebral Hypoperfusion by Variation of Ischemic Severity in a Murine Model of Stroke. <i>Neurosurgery</i> , 1999, 45, 328-333.	1.1	26
92	Treatment of Intracranial Aneurysms: Clipping Versus Coiling. <i>Current Cardiology Reports</i> , 2015, 17, 628.	2.9	26
93	Transcranioplasty Ultrasound Through a Sonolucent Cranial Implant Made of Polymethyl Methacrylate: Phantom Study Comparing Ultrasound, Computed Tomography, and Magnetic Resonance Imaging. <i>Journal of Craniofacial Surgery</i> , 2019, 30, e626-e629.	0.7	25
94	Impact of Indocyanine Green Videoangiography on Rate of Clip Adjustments Following Intraoperative Angiography. <i>Neurosurgery</i> , 2014, 75, 437-444.	1.1	24
95	Serial Imaging Surveillance for Patients With a History of Intracranial Aneurysm. <i>Neurosurgery</i> , 2015, 77, 32-43.	1.1	24
96	First-In-Human Experience With Integration of Wireless Intracranial Pressure Monitoring Device Within a Customized Cranial Implant. <i>Operative Neurosurgery</i> , 2020, 19, 341-350.	0.8	24
97	Effectiveness of surgical revascularization for stroke prevention in pediatric patients with sickle cell disease and moyamoya syndrome. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 232-238.	1.3	23
98	Single-stage flow diversion with adjunctive coiling for cerebral aneurysm: outcomes and technical considerations in 72 cases. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 843-850.	3.3	23
99	Algorithmic Approach to Overcome Scalp Deficiency in the Setting of Secondary Cranial Reconstruction. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 229-233.	0.7	22
100	Utilization of a Novel, Multi-Durometer Intracranial Distal Access Catheter: Nuances and Experience in 110 Consecutive Cases of Aneurysm Flow Diversion. <i>Interventional Neurology</i> , 2017, 6, 90-104.	1.8	22
101	Post-Neurosurgical Temporal Deformities: Various Techniques for Correction and Associated Complications. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1723-1729.	0.7	22
102	First-in-Human Experience With Integration of a Hydrocephalus Shunt Device Within a Customized Cranial Implant. <i>Operative Neurosurgery</i> , 2019, 17, 608-615.	0.8	22
103	Monocyte-based inflammatory indices predict outcomes following aneurysmal subarachnoid hemorrhage. <i>Neurosurgical Review</i> , 2021, 44, 3499-3507.	2.4	22
104	Intra-DIC (distal intracranial catheter) deployment of the Pipeline embolization device: a novel rescue strategy for failed device expansion. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 840-846.	3.3	21
105	Effectiveness of Ipsilateral Stroke Prevention Between Conservative Management and Indirect Revascularization for Moyamoya Disease in a North American Cohort. <i>World Neurosurgery</i> , 2018, 110, e928-e936.	1.3	21
106	Impact of surgery and radiation therapy on spinal high-grade gliomas: a population-based study. <i>Journal of Neuro-Oncology</i> , 2018, 139, 609-616.	2.9	21
107	Tiny Pipes: 67 Cases of Flow Diversion for Aneurysms in Distal Vessels Measuring Less Than 2.0 mm. <i>World Neurosurgery</i> , 2019, 127, e193-e201.	1.3	20
108	Historical Perspective of Treatments of Cranial Arteriovenous Malformations and Dural Arteriovenous Fistulas. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 15-25.	1.7	19

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109	Concurrent neoadjuvant chemotherapy is an independent risk factor of stroke, all-cause morbidity, and mortality in patients undergoing brain tumor resection. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1895-1900.	1.5	19
110	Pipeline Embolization for Salvage Treatment of Previously Stented Residual and Recurrent Cerebral Aneurysms. <i>Interventional Neurology</i> , 2018, 7, 359-369.	1.8	19
111	Editorial. COVID-19 and neurosurgical practice: an interim report. <i>Journal of Neurosurgery</i> , 2020, 133, 3-4.	1.6	19
112	Rescue Treatment with Pipeline Embolization for Postsurgical Clipping Recurrences of Anterior Communicating Artery Region Aneurysms. <i>Interventional Neurology</i> , 2017, 6, 135-146.	1.8	18
113	Assessing the Role of Preoperative Embolization in the Surgical Management of Cerebral Arteriovenous Malformations. <i>World Neurosurgery</i> , 2017, 104, 430-441.	1.3	18
114	Translucent Customized Cranial Implants Made of Clear Polymethylmethacrylate. <i>Annals of Plastic Surgery</i> , 2020, 85, e27-e36.	0.9	18
115	Risk of Complications in Primary Versus Revision-Type Cranioplasty. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 423-427.	0.7	18
116	Interhemispheric intracranial pressure gradients in nonhuman primate stroke. <i>World Neurosurgery</i> , 2002, 58, 295-301.	1.3	17
117	Arterial fenestrations and their association with cerebral aneurysms. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2184-2188.	1.5	17
118	Diagnostic quality and accuracy of low dose 3D-DSA protocols in the evaluation of intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 386-390.	3.3	17
119	Use of a next-generation multi-durometer long guide sheath for triaxial access in flow diversion: experience in 95 consecutive cases. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 137-142.	3.3	17
120	International Practice Variability in Treatment of Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Clinical Medicine</i> , 2021, 10, 762.	2.4	17
121	Dural prostate adenocarcinoma metastasis with subdural hematoma mimicking the appearance of an epidural hematoma. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 501-504.	1.4	16
122	Predictors of functional outcome following treatment of posterior fossa arteriovenous malformations. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 357-362.	1.5	16
123	Moyamoya disease versus moyamoya syndrome: comparison of presentation and outcome in 338 hemispheres. <i>Journal of Neurosurgery</i> , 2020, 133, 1441-1449.	1.6	16
124	Selection of Treatment Modalities or Observation of Dural Arteriovenous Fistulas. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 77-85.	1.7	15
125	Planning Evaluation of C-Arm Cone Beam CT Angiography for Target Delineation in Stereotactic Radiation Surgery of Brain Arteriovenous Malformations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 430-437.	0.8	15
126	Management Outcome of Brainstem Arteriovenous Malformations: The Role of Radiosurgery. <i>World Neurosurgery</i> , 2016, 94, 64-72.	1.3	15

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127	Neuroplastic Surgery. Journal of Craniofacial Surgery, 2018, 29, 4-5.	0.7	15
128	Survival of Ventricular and Periventricular High-Grade Gliomas: A Surveillance, Epidemiology, and End Results Program-Based Study. World Neurosurgery, 2018, 111, e323-e334.	1.3	15
129	Multi-band MR fingerprinting (MRF) ASL imaging using artificial neural network trained with high-fidelity experimental data. Magnetic Resonance in Medicine, 2021, 85, 1974-1985.	3.0	15
130	Fluorescent techniques in spine surgery. Neurological Research, 2014, 36, 928-938.	1.3	14
131	Treatment of middle cerebral artery (MCA) aneurysms: a review of the literature. Chinese Neurosurgical Journal, 2015, 1, .	0.9	14
132	A single burr hole approach for direct transverse sinus cannulation for the treatment of a dural arteriovenous fistula. Journal of NeuroInterventional Surgery, 2015, 7, e5-e5.	3.3	14
133	Use of the 0.027-inch VIA microcatheter for delivery of Pipeline Flex: a technical note. Journal of NeuroInterventional Surgery, 2017, 9, 689-693.	3.3	14
134	Population-based Study Determining Predictors of Cancer-Specific Mortality and Survival in Pediatric High-grade Brainstem Glioma. World Neurosurgery, 2018, 119, e1006-e1015.	1.3	14
135	Pipeline-assisted coil embolization of a large middle cerebral artery pseudoaneurysm in a 9-month-old infant: experience from the youngest flow diversion case. Journal of Neurosurgery: Pediatrics, 2018, 22, 532-540.	1.3	14
136	The Effect of Flow-Related Aneurysms on Hemorrhagic Risk of Intracranial Arteriovenous Malformations. Neurosurgery, 2019, 85, 466-475.	1.1	14
137	Application of unruptured aneurysm scoring systems to a cohort of ruptured aneurysms: are we underestimating rupture risk?. Neurosurgical Review, 2021, 44, 3487-3498.	2.4	14
138	A single burr hole approach for direct transverse sinus cannulation for the treatment of a dural arteriovenous fistula. BMJ Case Reports, 2014, 2014, bcr2013011011-bcr2013011011.	0.5	13
139	Management of unruptured intracranial aneurysms: correlation of UIATS, ELAPSS, and PHASES with referral center practice. Neurosurgical Review, 2021, 44, 1625-1633.	2.4	13
140	The Impact of Hydrocephalus Shunt Devices on Quality of Life. Journal of Craniofacial Surgery, 2021, 32, 1746-1750.	0.7	13
141	An Interactive Mixed Reality Platform for Bedside Surgical Procedures. Lecture Notes in Computer Science, 2020, , 65-75.	1.3	13
142	Occurrence of Perimesencephalic Subarachnoid Hemorrhage During Pregnancy. Neurocritical Care, 2009, 10, 339-343.	2.4	12
143	Aortic arch injection with C-arm cone beam CT for radiosurgery treatment planning of cerebral arteriovenous malformations: technical note. Journal of NeuroInterventional Surgery, 2012, 4, e28-e28.	3.3	12
144	Intra-Arterial Intraoperative Computed Tomography Angiography Guided Navigation. Operative Neurosurgery, 2012, 71, ons240-ons252.	0.8	12

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145	Primary intramedullary spinal cord lymphoma: a population-based study. <i>Neuro-Oncology</i> , 2017, 19, now178.	1.2	12
146	Incidence of Spontaneous Obliteration in Untreated Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2020, 86, 139-149.	1.1	12
147	Long-term Outcomes of Patients With Giant Intracranial Arteriovenous Malformations. <i>Neurosurgery</i> , 2016, 79, 116-124.	1.1	11
148	Restenosis After Carotid Endarterectomy: Insight Into Risk Factors and Modification of Postoperative Management. <i>World Neurosurgery</i> , 2016, 89, 159-167.	1.3	11
149	Delayed Hemorrhage After Treatment of Brain Arteriovenous Malformations (AVMs). <i>World Neurosurgery</i> , 2016, 87, 98-109.	1.3	11
150	Differences in Functional Outcome Across Subtypes with Spetzler-Martin Grade II Arteriovenous Malformations. <i>Neurosurgery</i> , 2017, 81, 441-449.	1.1	11
151	Comparison of Hemorrhagic Risk in Intracranial Arteriovenous Malformations Between Conservative Management and Embolization as the Single Treatment Modality. <i>Neurosurgery</i> , 2018, 82, 481-490.	1.1	11
152	PD-1+ Monocytes Mediate Cerebral Vasospasm Following Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2021, 88, 855-863.	1.1	11
153	Optimizing the residency application process: insights from neurological surgery during the pandemic virtual application cycle. <i>Journal of Neurosurgery</i> , 2022, 137, 877-885.	1.6	11
154	Does poly-L-lysine coating of the middle cerebral artery occlusion suture improve infarct consistency in a murine model?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1998, 7, 296-301.	1.6	10
155	Cigarette smoking and the development and rupture of cerebral aneurysms in a mixed race population: implications for population screening and smoking cessation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1999, 8, 248-253.	1.6	10
156	Dynamic evolution of D-dimer level in cerebrospinal fluid predicts poor outcome in patients with spontaneous intracerebral hemorrhage combined with intraventricular hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2016, 29, 149-154.	1.5	10
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