

# Michael Karsy

## List of Publications by Year in descending order

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Version: 2024-02-01

158  
papers

2,654  
citations

236925

25  
h-index

243625

44  
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160  
all docs

160  
docs citations

160  
times ranked

4326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Surgical Outcomes in Endoscopic Endonasal Resection of Craniopharyngiomas. Journal of Neurological Surgery, Part B: Skull Base, 2023, 84, 375-383.	0.8	1
2	Evaluation of early postoperative day 1 discharge after endoscopic endonasal pituitary adenoma resection. Journal of Neurosurgery, 2022, 136, 1337-1346.	1.6	1
3	Surgical Outcomes of Endoscopic Transsphenoidal Pituitary Adenoma Resection in Elderly Versus Younger Patients. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, 405-410.	0.8	1
4	Internal Neurolysis for the Treatment of Trigeminal Neuralgia: A Systematic Review. World Neurosurgery, 2022, 158, e829-e842.	1.3	1
5	An algorithm for sellar reconstruction following endoscopic transsphenoidal surgery for pituitary adenoma: A review of 582 cases. International Forum of Allergy and Rhinology, 2022, 12, 1120-1130.	2.8	5
6	Outcomes and surgical nuances in management of giant pituitary adenomas: a review of 108 cases in the endoscopic era. Journal of Neurosurgery, 2022, 137, 635-646.	1.6	10
7	Delayed symptomatic hyponatremia in transsphenoidal surgery: Systematic review and meta-analysis of its incidence and prevention with water restriction. Clinical Neurology and Neurosurgery, 2022, 214, 107166.	1.4	12
8	Single cell transcriptomics reveals unique metabolic profiles of ependymoma subgroups. Gene, 2022, 820, 146278.	2.2	1
9	Evolution of Surgical Outcomes in Endoscopic Endonasal Resection of Craniopharyngiomas. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
10	Predictive Clinical and Surgical Factors Associated with Recurrent Apoplexy in Pituitary Adenomas. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
11	Delayed Symptomatic Hyponatremia in Transsphenoidal Surgery: Systematic Review and Meta-Analysis of Its Incidence and Prevention with Water Restriction. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
12	An Algorithm for Sellar Reconstruction Following Endoscopic Transsphenoidal Surgery for Pituitary Adenoma: A Review of 582 Cases. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
13	Endoscopic Repair of Cranial Base Defects Using a Bilayer Button Graft: A Technical Update and 10 Years of Experience. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
14	Patient Satisfaction with Novel Telemedicine Platform Applied to Neuro-oncology. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
15	Superiorly Based Middle Turbinate Flap for Anterior Cranial Base Reconstruction: A Cadaveric Feasibility Study and Case Series. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.8	0
16	How I do it: endonasal transcribriform approach for resection of esthesioneuroblastoma. Acta Neurochirurgica, 2022, 164, 1949-1952.	1.7	2
17	Machine Learning-Based Analysis and Prediction of Unplanned 30-Day Readmissions After Pituitary Adenoma Resection: A Multi-Institutional Retrospective Study With External Validation. Neurosurgery, 2022, 91, 263-271.	1.1	4
18	Using CDS Hooks to increase SMART on FHIR app utilization: a cluster-randomized trial. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1461-1470.	4.4	4

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19	Analysis of Lumbar Puncture Opening Pressures Before and after Closure of Spontaneous Anterior and Lateral Cranial Base Cerebrospinal Fluid Leaks. , 2021, 82, .		0
20	Glioma Stem Cells as Immunotherapeutic Targets: Advancements and Challenges. <i>Frontiers in Oncology</i> , 2021, 11, 615704.	2.8	27
21	Evaluation of Early Postoperative Day 1 Discharge after Endoscopic, Endonasal Pituitary Adenoma Resection. , 2021, 82, .		1
22	Granulomatosis with polyangiitis masquerading as pituitary adenoma with apoplexy. <i>Modern Rheumatology Case Reports</i> , 2021, 5, 342-346.	0.7	0
23	Prediction of Readmission and Complications After Pituitary Adenoma Resection via the National Surgical Quality Improvement Program (NSQIP) Database. <i>Cureus</i> , 2021, 13, e14809.	0.5	2
24	Management of Coincident Pituitary Macroadenoma and Cavernous Carotid Aneurysm: A Systematic Literature Review. <i>Journal of Neurological Surgery Reports</i> , 2021, 82, e25-e31.	0.6	4
25	Machine Learning Using Multiparametric Magnetic Resonance Imaging Radiomic Feature Analysis to Predict Ki-67 in World Health Organization Grade I Meningiomas. <i>Neurosurgery</i> , 2021, 89, 928-936.	1.1	22
26	Use of a Surgical Stepdown Protocol for Cost Reduction After Transsphenoidal Pituitary Adenoma Resection: A Case Series. <i>World Neurosurgery</i> , 2021, 152, e476-e483.	1.3	3
27	Evaluating the utility and quality of large administrative databases in pediatric spinal neurosurgery research. <i>Child's Nervous System</i> , 2021, 37, 2993-3001.	1.1	1
28	Letter: Evaluating the Role of Advanced Practice Providers in Neurosurgery. <i>Neurosurgery</i> , 2021, 88, E285-E287.	1.1	1
29	Evaluation of a D-Dimer Protocol for Detection of Venous Thromboembolism. <i>World Neurosurgery</i> , 2020, 133, e774-e783.	1.3	15
30	The Effect of Hospital Transfer on Patient Outcomes After Rehabilitation for Spinal Injury. <i>World Neurosurgery</i> , 2020, 133, e76-e83.	1.3	10
31	Failure of vital sign normalization is more strongly associated than single measures with mortality and outcomes. <i>American Journal of Emergency Medicine</i> , 2020, 38, 2516-2523.	1.6	10
32	Evaluation of disease severity and treatment intensity as cost drivers for ruptured intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2020, 162, 157-167.	1.7	2
33	Outcomes and Complications With Age in Spondylolisthesis. <i>Spine</i> , 2020, 45, 1000-1008.	2.0	12
34	Reduced 2-year aneurysm retreatment and costs among patients treated with flow diversion versus non-flow diversion embolization: A Premier Healthcare Database retrospective cohort study. <i>PLoS ONE</i> , 2020, 15, e0234478.	2.5	4
35	Stereotactic laser interstitial thermal therapy for brainstem cavernous malformations: two preliminary cases. <i>Acta Neurochirurgica</i> , 2020, 162, 1771-1775.	1.7	12
36	The effect of supplementation of vitamin D in neurocritical care patients: RandomizEd Clinical Trial of hYpovitaminosis D (RECTIFY). <i>Journal of Neurosurgery</i> , 2020, 133, 1103-1112.	1.6	10

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37	Change in the angle of the anterior genu is associated with occlusion rate after Pipeline flow diversion. <i>Journal of Neurosurgery</i> , 2020, 132, 109-113.	1.6	2
38	Spinal cord stimulation failure: evaluation of factors underlying hardware explantation. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 133-138.	1.7	23
39	Liquid biopsies for the diagnosis and surveillance of primary pediatric central nervous system tumors: a review for practicing neurosurgeons. <i>Neurosurgical Focus</i> , 2020, 48, E8.	2.3	17
40	Higher Admission D-Dimer Values Are Associated With an Increased Risk of Nonroutine Discharge in Neurosurgery Patients. <i>Cureus</i> , 2020, 12, e9425.	0.5	2
41	Hemorrhagic Fibrous Dysplasia with Acute Neurological Decline: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2020, 140, 71-75.	1.3	1
42	Letter to the Editor. Using Markov modeling to analyze endovascular coiling versus the Pipeline embolization device. <i>Journal of Neurosurgery</i> , 2020, 132, 329-330.	1.6	0
43	Evaluation of cost and survival in intracranial gliomas using the Value Driven Outcomes database: a retrospective cohort analysis. <i>Journal of Neurosurgery</i> , 2020, 132, 1006-1016.	1.6	2
44	Trends and Cost-Analysis of Lower Extremity Nerve Injury Using the National Inpatient Sample. <i>Neurosurgery</i> , 2019, 85, 250-256.	1.1	37
45	Sequelae and management of radiation vasculopathy in neurosurgical patients. <i>Journal of Neurosurgery</i> , 2019, 130, 1889-1897.	1.6	17
46	Evaluation of Complications and Costs During Overlapping Transsphenoidal Surgery in the Treatment of Pituitary Adenoma. <i>Neurosurgery</i> , 2019, 84, 1104-1111.	1.1	22
47	Attitudes and opinions of US neurosurgical residents toward research and scholarship: a national survey. <i>Journal of Neurosurgery</i> , 2019, 131, 252-263.	1.6	16
48	Modern Medical Management of Spinal Cord Injury. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 65.	4.2	179
49	Pathologic remodeling in human neuromas: insights from clinical specimens. <i>Acta Neurochirurgica</i> , 2019, 161, 2453-2466.	1.7	5
50	In Reply: Evaluating the Landscape of Clinical Research in Neurosurgery. <i>Neurosurgery</i> , 2019, 85, E795-E795.	1.1	1
51	Surgical Versus Nonsurgical Treatment of Lumbar Spondylolisthesis. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 333-340.	1.7	17
52	Analysis of Treatment Cost Variation Among Multiple Neurosurgical Procedures Using the Value-Driven Outcomes Database. <i>World Neurosurgery</i> , 2019, 126, e914-e920.	1.3	16
53	Effect of patient age on glioblastoma perioperative treatment costs: a value driven outcome database analysis. <i>Journal of Neuro-Oncology</i> , 2019, 143, 465-473.	2.9	12
54	Spine. <i>Operative Neurosurgery</i> , 2019, 17, S153-S181.	0.8	1

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55	Evaluating the Landscape of Clinical Research in Neurosurgery. <i>Neurosurgery</i> , 2019, 85, E485-E493.	1.1	12
56	EQ-5D Quality-of-Life Analysis and Cost-Effectiveness After Skull Base Meningioma Resection. <i>Neurosurgery</i> , 2019, 85, E543-E552.	1.1	13
57	Evaluation of pediatric glioma outcomes using intraoperative MRI: a multicenter cohort study. <i>Journal of Neuro-Oncology</i> , 2019, 143, 271-280.	2.9	20
58	Improved Surgical Safety via Intraoperative Navigation for Transnasal Transsphenoidal Resection of Pituitary Adenomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, 626-631.	0.8	13
59	Analysis of Anterior Cervical Discectomy and Fusion Healthcare Costs via the Value-Driven Outcomes Tool. <i>Neurosurgery</i> , 2019, 84, 485-490.	1.1	13
60	Commentary: Deficiencies in Socioeconomic Training During Neurosurgical Training. <i>Neurosurgery</i> , 2019, 84, E79-E85.	1.1	3
61	Safety and Outcome of Transsphenoidal Pituitary Adenoma Resection in Elderly Patients. <i>World Neurosurgery</i> , 2019, 122, e1252-e1258.	1.3	18
62	Transsphenoidal Approaches for Microsurgical Resection of Pituitary Adenomas in Pediatric Patients. <i>World Neurosurgery</i> , 2019, 123, e186-e193.	1.3	9
63	Trends and Cost Analysis of Upper Extremity Nerve Injury Using the National (Nationwide) Inpatient Sample. <i>World Neurosurgery</i> , 2019, 123, e488-e500.	1.3	60
64	Analysis of an overlapping surgery policy change on costs in a high-volume neurosurgical department. <i>Journal of Neurosurgery</i> , 2019, 131, 903-910.	1.6	2
65	Spine trauma and spinal cord injury in Utah: a geographic cohort study utilizing the National Inpatient Sample. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 93-102.	1.7	4
66	Assessment of costs in open surgery and stereotactic radiosurgery for vestibular schwannomas. <i>Journal of Neurosurgery</i> , 2019, 131, 561-568.	1.6	9
67	Cost Analysis of Inpatient Rehabilitation after Spinal Injury: A Retrospective Cohort Analysis. <i>Cureus</i> , 2019, 11, e5747.	0.5	5
68	Two-stage surgical treatment for a giant sellar psammomatoid juvenile ossifying fibroma: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 507-511.	1.3	2
69	A Survey of Neurosurgery Residency Program Coordinators: Their Roles, Responsibilities, and Perceived Value. <i>Cureus</i> , 2019, 11, e4457.	0.5	2
70	Initial Treatment for Unruptured Intracranial Aneurysm and Its Follow-up: A Cost Analysis of Pipeline Flow Diverters versus Coiling. <i>Cureus</i> , 2019, 11, e5692.	0.5	1
71	A national analysis of 9655 pediatric cerebrovascular malformations: effect of hospital volume on outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 397-406.	1.3	3
72	A Case of Ventral Spinal Cord Herniation from a Chronic Dural-pleural Fistula Resulting in Thoracic Myelopathy. <i>Cureus</i> , 2019, 11, e6123.	0.5	1

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73	Resection of Pituitary Tumor with Lateral Extension to the Temporal Fossa: The Toothpaste Extrusion Technique. <i>Cureus</i> , 2019, 11, e5953.	0.5	2
74	Trapped ventricle after laser ablation of a subependymal giant cell astrocytoma complicated by intraventricular gadolinium extravasation: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 523-527.	1.3	11
75	Letter to the Editor. Role of dysplastic and genetic mutations during the formation of cerebral aneurysms in infants. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 543-544.	1.3	0
76	Surgical treatment of glioblastoma in the elderly: the impact of complications. <i>Journal of Neuro-Oncology</i> , 2018, 138, 123-132.	2.9	48
77	Treatment of idiopathic intracranial hypertension via stereotactic placement of biventriculoperitoneal shunts. <i>Journal of Neurosurgery</i> , 2018, 130, 136-144.	1.6	12
78	Correlation of Glioma Proliferation and Hypoxia by Luciferase, Magnetic Resonance, and Positron Emission Tomography Imaging. <i>Methods in Molecular Biology</i> , 2018, 1742, 301-320.	0.9	1
79	Analysis of cerebrovascular aneurysm treatment cost: retrospective cohort comparison of clipping, coiling, and flow diversion. <i>Neurosurgical Focus</i> , 2018, 44, E3.	2.3	27
80	Varicella-Zoster Virus Infection and Osteomyelitis of the Skull. <i>World Neurosurgery</i> , 2018, 115, 297-300.	1.3	7
81	Outcomes in adults with cerebral venous sinus thrombosis: A retrospective cohort study. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 34-40.	1.5	17
82	Patient-Level Factors Influencing Hospital Costs and Short-Term Patient-Reported Outcomes After Transsphenoidal Resection of Sellar Tumors. <i>Neurosurgery</i> , 2018, 83, 726-731.	1.1	16
83	Anterior two-thirds corpus callosotomy via stereotactic laser ablation. <i>Neurosurgical Focus</i> , 2018, 44, V2.	2.3	38
84	Prognostic role of mitochondrial pyruvate carrier in isocitrate dehydrogenase mutant glioma. <i>Journal of Neurosurgery</i> , 2018, 130, 56-66.	1.6	14
85	Microvascularization of Grade I meningiomas: effect on tumor volume, blood loss, and patient outcome. <i>Journal of Neurosurgery</i> , 2018, 128, 657-666.	1.6	22
86	Impact of a more restrictive overlapping surgery policy: an analysis of pre- and postimplementation complication rates, resident involvement, and surgical wait times at a high-volume neurosurgical department. <i>Journal of Neurosurgery</i> , 2018, 129, 515-523.	1.6	14
87	Vitamin D status and 3-month Glasgow Outcome Scale scores in patients in neurocritical care: prospective analysis of 497 patients. <i>Journal of Neurosurgery</i> , 2018, 128, 1635-1641.	1.6	6
88	Overlapping Surgery. <i>Neurosurgery</i> , 2018, 65, 55-57.	1.1	1
89	356 Evaluation of Pediatric Glioma Outcomes Using Intraoperative MRI. <i>Neurosurgery</i> , 2018, 65, 141-142.	1.1	0
90	The Impact of Specialization in Journal Networks and Scholarship. <i>World Neurosurgery</i> , 2018, 120, e349-e356.	1.3	3

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91	Assessment of Costs in Open Microsurgery and Stereotactic Radiosurgery for Intracranial Meningiomas. <i>World Neurosurgery</i> , 2018, 119, e357-e365.	1.3	10
92	Assessment of cost drivers and cost variation for lumbar interbody fusion procedures using the Value Driven Outcomes database. <i>Neurosurgical Focus</i> , 2018, 44, E10.	2.3	35
93	Clinical potential of meningioma genomic insights: a practical review for neurosurgeons. <i>Neurosurgical Focus</i> , 2018, 44, E10.	2.3	39
94	Cerebral venous sinus thrombosis after vestibular schwannoma surgery: a call for evidence-based management guidelines. <i>Neurosurgical Focus</i> , 2018, 45, E4.	2.3	31
95	Hyperglycemic Nonketotic Signal Changes of the Striatum: An Unusual Complication in the Setting of Neurosurgical Procedures. <i>World Neurosurgery</i> , 2018, 118, 177-180.	1.3	0
96	Letter to the Editor. Effect of facility costs in the treatment of neurosurgical patients using the Value Driven Outcome database. <i>Journal of Neurosurgery</i> , 2018, 129, 841-842.	1.6	4
97	Hiding in Plain Sight: Underreporting of Clinical Trial Results in Neurology. <i>Neurosurgery</i> , 2018, 83, E96-E96.	1.1	1
98	Pathologic Remodeling of Endoneurial Tubules in Human Neuromas. <i>Cureus</i> , 2018, 10, e2087.	0.5	4
99	Abnormal Pap-smear frequency and comparison of repeat cytological follow-up with colposcopy during patient management; The importance of pathologist's guidance in the management. <i>Åstanbul Kuzey Klinikleri</i> , 2018, 6, 69-74.	0.3	6
100	A prospective analysis of hypovitaminosis D and mortality in 400 patients in the neurocritical care setting. <i>Journal of Neurosurgery</i> , 2017, 127, 1-7.	1.6	18
101	New Molecular Considerations for Glioma: IDH, ATRX, BRAF, TERT, H3 K27M. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 19.	4.2	87
102	Bilateral sagittal split mandibular osteotomies for enhanced exposure of the anterior cervical spine in children: technical note. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 464-471.	1.3	0
103	Comparing Outcomes and Cost of 3 Surgical Treatments for Sagittal Synostosis: A Retrospective Study Including Procedure-Related Cost Analysis. <i>Neurosurgery</i> , 2017, 81, 680-687.	1.1	32
104	Managing overlapping surgery: an analysis of 1018 neurosurgical and spine cases. <i>Journal of Neurosurgery</i> , 2017, 127, 1096-1104.	1.6	37
105	Assessment of Cost Drivers in Transsphenoidal Approaches for Resection of Pituitary Tumors Using the Value-Driven Outcome Database. <i>World Neurosurgery</i> , 2017, 105, 818-823.	1.3	26
106	Neuroprotective strategies and the underlying molecular basis of cerebrovascular stroke. <i>Neurosurgical Focus</i> , 2017, 42, E3.	2.3	60
107	Clinical Outcomes with Transcranial Resection of the Tuberculum Sellae Meningioma. <i>World Neurosurgery</i> , 2017, 108, 748-755.	1.3	25
108	Emerging Technologies in Flow Diverters and Stents for Cerebrovascular Diseases. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 96.	4.2	9

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109	Endonasal Operative Corridor Expansion by Sphenoidal Pneumosinus Dilatans in Tuberculum Sellae Meningiomas. <i>World Neurosurgery</i> , 2017, 106, 686-692.	1.3	5
110	High-resolution magnetic resonance imaging of intracranial aneurysms treated by flow diversion. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2017, 10, 69-74.	0.3	8
111	Multivariable analysis of factors affecting length of stay and hospital charges after single-level corpectomy. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 279-283.	1.5	4
112	Impact of removed tumor volume and location on patient outcome in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 135, 161-171.	2.9	68
113	Factors influencing management of unruptured intracranial aneurysms: an analysis of 424 consecutive patients. <i>Journal of Neurosurgery</i> , 2017, 127, 96-101.	1.6	12
114	Pharmacologic Management of Acute Spinal Cord Injury. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 49-62.	1.7	29
115	109 Impact of a More Restrictive Overlapping Surgery Policy An Analysis of Complication Rates, Resident Involvement, and Surgical Wait Times at a High-Volume Neurosurgical Department. <i>Neurosurgery</i> , 2017, 64, 222.	1.1	1
116	Overlapping Surgery. <i>Neurosurgery</i> , 2017, 64, 110-113.	1.1	10
117	301 Drivers and Components of Hospital Costs After Transsphenoidal Resection of Sellar Tumors. <i>Neurosurgery</i> , 2017, 64, 263.	1.1	1
118	370 Hypoxic Conditions and Hypoxia-Inducible Factor 1-Alpha are Critical in the Radioresistance of Meningioma. <i>Neurosurgery</i> , 2017, 64, 286-287.	1.1	0
119	Association of travel distance and cerebral aneurysm treatment. , 2017, 8, 210.		5
120	Multivariable Analysis of Factors Affecting Length of Stay and Hospital Charges After Atlantoaxial Fusion. <i>Cureus</i> , 2017, 9, e1173.	0.5	4
121	Thoracolumbar Cortical Screw Placement with Interbody Fusion: Technique and Considerations. <i>Cureus</i> , 2017, 9, e1419.	0.5	4
122	Surgical strategies for pediatric epilepsy. <i>Translational Pediatrics</i> , 2016, 5, 55-66.	1.2	21
123	Emerging surgical therapies in the treatment of pediatric epilepsy. <i>Translational Pediatrics</i> , 2016, 5, 67-78.	1.2	25
124	Preoperative evaluation and surgical decision-making in pediatric epilepsy surgery. <i>Translational Pediatrics</i> , 2016, 5, 169-179.	1.2	7
125	Diagnostic Quality of Magnetic Resonance Imaging Interpretation for Peripheral Nerve Sheath Tumors: Can Malignancy Be Determined?. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 495-504.	0.8	14
126	The Utility of Ankle-Brachial Index as a Predictor of Delayed Cerebral Ischemia in Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2016, 89, 139-146.	1.3	1



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127	Return to Play after Cervical Spine Injuries: A Consensus of Opinion. <i>Global Spine Journal</i> , 2016, 6, 792-797.	2.3	14
128	Rapid de novo aneurysm formation after clipping of a ruptured middle cerebral artery aneurysm in an infant with an MYH11 mutation. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 463-470.	1.3	23
129	Scalp Arteriovenous Malformation with Concomitant, Flow-Dependent Malformation and Aneurysm. <i>World Neurosurgery</i> , 2016, 90, 708.e5-708.e9.	1.3	8
130	Medical Management of Meningiomas. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 249-260.	1.7	36
131	Increased Incidence of Hypovitaminosis D Among Patients Requiring Treatment for Cerebral Aneurysms. <i>World Neurosurgery</i> , 2016, 88, 15-20.	1.3	14
132	The Impact of Hypoxia and Mesenchymal Transition on Glioblastoma Pathogenesis and Cancer Stem Cells Regulation. <i>World Neurosurgery</i> , 2016, 88, 222-236.	1.3	14
133	Combined Hydroxyurea and Verapamil in the Clinical Treatment of Refractory Meningioma: Human and Orthotopic Xenograft Studies. <i>World Neurosurgery</i> , 2016, 86, 210-219.	1.3	34
134	Postoperative Pain Control with the Fentanyl Patch and Continuous Paravertebral Anesthetic Infusion after Posterior Occipitocervical Junction Surgery. <i>Cureus</i> , 2016, 8, e645.	0.5	1
135	Meta-analysis of the Effect of Isocitrate Dehydrogenase 1 and 2 Mutation on Glioblastoma Prognosis. <i>Contemporary Neurosurgery</i> , 2015, 37, 1-5.	0.1	0
136	Extraspinal Type I Dural Arteriovenous Fistula with a Lumbosacral Lipomyelomeningocele: A Case Report and Review of the Literature. <i>Case Reports in Neurological Medicine</i> , 2015, 2015, 1-4.	0.4	10
137	Authors'™ reply to letter to the editor regarding "Coincident pituitary adenoma and sellar meningioma". <i>Acta Neurochirurgica</i> , 2015, 157, 555-555.	1.7	0
138	Coincident pituitary adenoma and sellar meningioma. <i>Acta Neurochirurgica</i> , 2015, 157, 231-233.	1.7	17
139	A practical review of prognostic correlations of molecular biomarkers in glioblastoma. <i>Neurosurgical Focus</i> , 2015, 38, E4.	2.3	88
140	Impact of Preoperative Hematocrit Level on Length of Stay after Surgery on the Lumbar Spine. <i>Global Spine Journal</i> , 2015, 5, 391-395.	2.3	12
141	The genetic basis of intradural spinal tumors and its impact on clinical treatment. <i>Neurosurgical Focus</i> , 2015, 39, E3.	2.3	43
142	Molecular, histopathological, and genomic variants of glioblastoma. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1065.	3.0	17
143	Routine Cystoscopy After Robotic Gynecologic Oncology Surgery. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2014, 18, e2014.00261.	1.1	7
144	The impact of arsenic trioxide and all-trans retinoic acid on p53 R273H-codon mutant glioblastoma. <i>Tumor Biology</i> , 2014, 35, 4567-4580.	1.8	12

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145	B-Raf and the inhibitors: from bench to bedside. <i>Journal of Hematology and Oncology</i> , 2013, 6, 30.	17.0	80
146	Targeting the PI3K/AKT/mTOR signaling pathway in glioblastoma: novel therapeutic agents and advances in understanding. <i>Tumor Biology</i> , 2013, 34, 1991-2002.	1.8	121
147	Current understanding of the role and targeting of tumor suppressor p53 in glioblastoma multiforme. <i>Tumor Biology</i> , 2013, 34, 2063-2074.	1.8	112
148	Current Progress on Understanding MicroRNAs in Glioblastoma Multiforme. <i>Genes and Cancer</i> , 2012, 3, 3-15.	1.9	132
149	Established and emerging variants of glioblastoma multiforme: review of morphological and molecular features. <i>Folia Neuropathologica</i> , 2012, 4, 301-321.	1.2	80
150	Deciphering the signaling pathways of cancer stem cells of glioblastoma multiforme: Role of Akt/mTOR and MAPK pathways. <i>Advances in Enzyme Regulation</i> , 2011, 51, 164-170.	2.6	28
151	All-trans retinoic acid modulates cancer stem cells of glioblastoma multiforme in an MAPK-dependent manner. <i>Anticancer Research</i> , 2010, 30, 4915-20.	1.1	56
152	Involvement of mTORC1 and mTORC2 in regulation of glioblastoma multiforme growth and motility. <i>International Journal of Oncology</i> , 2009, 35, 731-40.	3.3	46
153	Inhibition of mTOR Activates the MAPK Pathway in Glioblastoma Multiforme. <i>Cancer Genomics and Proteomics</i> , 2009, 6, 255-61.	2.0	23
154	Perioperative Outcomes of a Hydrocortisone Protocol after Endonasal Surgery for Pituitary Adenoma Resection. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.8	1
155	Predictive Clinical and Surgical Factors Associated with Recurrent Apoplexy in Pituitary Adenomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.8	0
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