

Joshua Bakhsheshian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85 papers	1,010 citations	14 h-index	29 g-index
85 ext. papers	1,287 ext. citations	2.7 avg, IF	4.48 L-index

#	Paper	IF	Citations
85	The use of vancomycin powder in modern spine surgery: systematic review and meta-analysis of the clinical evidence. <i>World Neurosurgery</i> , 2015 , 83, 816-23	2.1	141
84	Current Diagnosis and Management of Cervical Spondylotic Myelopathy. <i>Global Spine Journal</i> , 2017 , 7, 572-586	2.7	106
83	Attenuation of AD-like neuropathology by harnessing peripheral immune cells: local elevation of IL-10 and MMP-9. <i>Journal of Neurochemistry</i> , 2009 , 111, 1409-24	6	80
82	Association Between Obstructive Sleep Apnea and Spontaneous Cerebrospinal Fluid Leaks: A Systematic Review and Meta-analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2015 , 141, 733-8	3.9	51
81	Evidence-based management of traumatic thoracolumbar burst fractures: a systematic review of nonoperative management. <i>Neurosurgical Focus</i> , 2014 , 37, E1	4.2	47
80	Evidence-Based Medicine of Traumatic Thoracolumbar Burst Fractures: A Systematic Review of Operative Management across 20 Years. <i>Global Spine Journal</i> , 2015 , 5, 73-82	2.7	42
79	Identification and repair of intraoperative cerebrospinal fluid leaks in endonasal transsphenoidal pituitary surgery: surgical experience in a series of 1002 patients. <i>Journal of Neurosurgery</i> , 2018 , 129, 425-429	3.2	39
78	Impact of poor mental health in adult spinal deformity patients with poor physical function: a retrospective analysis with a 2-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2017 , 26, 116-124	2.8	35
77	Overlapping substrate and inhibitor specificity of human and murine ABCG2. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 1805-12	4	34
76	Multicenter Investigation of Channel-Based Subcortical Trans-Sulcal Exoscopic Resection of Metastatic Brain Tumors: A Retrospective Case Series. <i>Operative Neurosurgery</i> , 2019 , 16, 159-166	1.6	34
75	Bioluminescent imaging of drug efflux at the blood-brain barrier mediated by the transporter ABCG2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20801-6	11.5	33
74	Development of a Perfusion-Based Cadaveric Simulation Model Integrated into Neurosurgical Training: Feasibility Based On Reconstitution of Vascular and Cerebrospinal Fluid Systems. <i>Operative Neurosurgery</i> , 2018 , 14, 72-80	1.6	26
73	Risk factors associated with the surgical management of craniopharyngiomas in pediatric patients: analysis of 1961 patients from a national registry database. <i>Neurosurgical Focus</i> , 2016 , 41, E8	4.2	22
72	Safety-Net Hospitals Have Higher Complication and Mortality Rates in the Neurosurgical Management of Traumatic Brain Injuries. <i>World Neurosurgery</i> , 2018 , 119, e284-e293	2.1	19
71	Bow Hunter® Syndrome: Surgical Management (Video) and Review of the Literature. <i>World Neurosurgery</i> , 2017 , 103, 953.e7-953.e12	2.1	14
70	Versatile utilization of real-time intraoperative contrast-enhanced ultrasound in cranial neurosurgery: technical note and retrospective case series. <i>Neurosurgical Focus</i> , 2016 , 40, E6	4.2	14
69	Dimensions of the cervical neural foramen in conditions of spinal deformity: an ex vivo biomechanical investigation using specimen-specific CT imaging. <i>European Spine Journal</i> , 2016 , 25, 2155-65	2.7	12

68	PARP1 and DNA-PKcs synergize to suppress p53 mutation and telomere fusions during T-lineage lymphomagenesis. <i>Oncogene</i> , 2013 , 32, 1761-71	9.2	12
67	Perfusion-based human cadaveric specimen as a simulation training model in repairing cerebrospinal fluid leaks during endoscopic endonasal skull base surgery. <i>Journal of Neurosurgery</i> , 2018 , 129, 792-796	3.2	11
66	Initial Experience With Real-Time Continuous Physical Activity Monitoring in Patients Undergoing Spine Surgery. <i>Clinical Spine Surgery</i> , 2017 , 30, E1434-E1443	1.8	10
65	Assessment of Hemodynamic Changes and Hyperperfusion Risk After Extracranial-to-Intracranial Bypass Surgery Using Intraoperative Indocyanine Green-Based Flow Analysis. <i>World Neurosurgery</i> , 2018 , 114, 352-360	2.1	10
64	Intraoperative Imaging for Vascular Lesions. <i>Neurosurgery Clinics of North America</i> , 2017 , 28, 603-613	4	10
63	The use of a novel perfusion-based cadaveric simulation model with cerebrospinal fluid reconstitution comparing dural repair techniques: a pilot study. <i>Spine Journal</i> , 2017 , 17, 1335-1341	4	9
62	Efficacy and Outcomes of Posterior Inferior Cerebellar Artery (PICA) Bypass for Proximal PICA and Vertebral Artery-PICA Aneurysms: A Case Series. <i>Operative Neurosurgery</i> , 2018 , 15, 395-403	1.6	9
61	Evaluation of C2 pedicle screw placement via the freehand technique by neurosurgical trainees. <i>Journal of Neurosurgery: Spine</i> , 2018 , 29, 235-240	2.8	9
60	Endoscopic Endonasal Transsphenoidal Drainage of a Spontaneous Candida glabrata Pituitary Abscess. <i>World Neurosurgery</i> , 2018 , 109, 467-470	2.1	8
59	Intraoperative Assessment of Cortical Perfusion After Intracranial-To-Intracranial and Extracranial-To-Intracranial Bypass for Complex Cerebral Aneurysms Using Flow 800. <i>Operative Neurosurgery</i> , 2019 , 16, 583-592	1.6	8
58	Revision Microvascular Decompression for Trigeminal Neuralgia and Hemifacial Spasm: Factors Associated with Surgical Failure. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019 , 80, 31-39	1.5	8
57	Impact of Minimally Invasive Multilevel Surgery on Mild/Moderate OSA. <i>Otolaryngology - Head and Neck Surgery</i> , 2016 , 155, 695-701	5.5	8
56	Intentional Subtotal Resection of Vestibular Schwannoma: A Reexamination. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020 , 81, 136-141	1.5	8
55	Simulation of Dural Repair in Minimally Invasive Spine Surgery With the Use of a Perfusion-Based Cadaveric Model. <i>Operative Neurosurgery</i> , 2019 , 17, 616-621	1.6	7
54	Comparison of Structural Disease Burden to Health-related Quality of Life Scores in 264 Adult Spinal Deformity Patients With 2-Year Follow-up: Novel Insights into Drivers of Disability. <i>Clinical Spine Surgery</i> , 2017 , 30, E124-E131	1.8	7
53	What is the evidence for postoperative lumbar drains in endoscopic repair of CSF leaks?. <i>Laryngoscope</i> , 2015 , 125, 2245-6	3.6	6
52	Descending Branch of the Lateral Circumflex Femoral Artery Graft for Posterior Inferior Cerebellar Artery Revascularization. <i>Operative Neurosurgery</i> , 2018 , 15, 285-291	1.6	6
51	Incidence of graft extrusion following minimally invasive transforaminal lumbar interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2016 , 24, 88-93	2.2	6

50	Exoscopic resection of atrial intraventricular meningiomas using a navigation-assisted channel-based trans-sulcal approach: Case series and literature review. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 58-65	2.2	6
49	Extracranial-to-Intracranial Bypass for Refractory Vertebrobasilar Insufficiency. <i>World Neurosurgery</i> , 2019 , 126, 552-559	2.1	5
48	The Use of a Novel Perfusion-Based Human Cadaveric Model for Simulation of Dural Venous Sinus Injury and Repair. <i>Operative Neurosurgery</i> , 2020 , 19, E269-E274	1.6	5
47	Ruptured Mycotic Aneurysm of the Distal Circulation in a Patient with Mucormycosis Without Direct Skull Base Extension: Case Report. <i>Operative Neurosurgery</i> , 2019 , 16, E101-E107	1.6	5
46	Surgical Outcomes Following Repeat Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas: A Retrospective Comparative Study. <i>Operative Neurosurgery</i> , 2019 , 16, 127-135	1.6	5
45	Intramedullary Cervical Spinal Cord Abscess. <i>World Neurosurgery</i> , 2017 , 106, 1049.e1-1049.e2	2.1	5
44	Discrepancy in Neurologic Outcomes Following Aneurysmal Subarachnoid Hemorrhage as a Function of Socioeconomic Class. <i>World Neurosurgery</i> , 2020 , 138, e787-e794	2.1	5
43	In Vivo Bioluminescent Imaging of ATP-Binding Cassette Transporter-Mediated Efflux at the Blood-Brain Barrier. <i>Methods in Molecular Biology</i> , 2016 , 1461, 227-39	1.4	5
42	Treatment of WHO Grade 2 Meningiomas With Stereotactic Radiosurgery: Identification of an Optimal Group for SRS Using RPA. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 804-814	4	5
41	Nonindex Readmission After Ruptured Brain Aneurysm Treatment Is Associated with Higher Morbidity and Repeat Readmission. <i>World Neurosurgery</i> , 2019 , 130, e753-e759	2.1	4
40	Transblepharo-Preseptal Modified Orbitozygomatic Approach for the Treatment of Ruptured Proximal Anterior Circulation Aneurysms. <i>World Neurosurgery</i> , 2018 , 118, e335-e345	2.1	4
39	Inclusion of Frailty Improves Predictive Modeling for Postoperative Outcomes in Surgical Management of Primary and Secondary Lumbar Spine Tumors. <i>World Neurosurgery</i> , 2021 , 153, e454-e463	2.1	4
38	Stereotactic Radiosurgery for Atypical (World Health Organization II) and Anaplastic (World Health Organization III) Meningiomas: Results From a Multicenter, International Cohort Study. <i>Neurosurgery</i> , 2021 , 88, 980-988	3.2	4
37	Posterolateral cervical transpedicular corpectomy for the surgical management of metastatic tumor. <i>European Spine Journal</i> , 2018 , 27, 827-832	2.7	3
36	Tumefactive Multiple Sclerosis Masquerading as High Grade Glioma. <i>World Neurosurgery</i> , 2018 , 112, 37-38	2.1	3
35	Teaching Neurolmages: Acute neurologic deficits due to surferQ myelopathy. <i>Neurology</i> , 2016 , 87, e206-e207	2.3	3
34	Radial Artery Fascial Flow-Through Free Flap for Complex Cerebral Revascularization: Technical Notes and Long-Term Neurologic and Radiographic Outcomes. <i>Operative Neurosurgery</i> , 2019 , 16, 424-434	1.6	3
33	Assessment of ischemic risk following intracranial-to-intracranial and extracranial-to-intracranial bypass for complex aneurysms using intraoperative Indocyanine Green-based flow analysis. <i>Journal of Clinical Neuroscience</i> , 2019 , 67, 191-197	2.2	3

32	Botulinum toxin to improve vessel graft patency in cerebral revascularization surgery: report of 3 cases. <i>Journal of Neurosurgery</i> , 2018 , 1-7	3.2	3
31	Navigable Channel-Based Trans-Sulcal Resection of Third Ventricular Colloid Cysts: A Multicenter Retrospective Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2020 , 133, e702-e710	2.1	3
30	Fusiform vertebral artery aneurysms involving the posterior inferior cerebellar artery origin associated with the sole angiographic anterior spinal artery origin: technical case report and treatment paradigm proposal. <i>Journal of Neurosurgery</i> , 2018 , 1-7	3.2	2
29	Isolated bilateral abducens nerve palsy due to an inflammatory process within the sella and parasellar regions. <i>Journal of Clinical Neuroscience</i> , 2016 , 23, 165-168	2.2	2
28	Complete Cavernous Sinus Resection: An Analysis of Complications. <i>World Neurosurgery</i> , 2018 , 119, 89-96	1.1	2
27	Comment on the biomechanical analysis of four- versus six-screw constructs for short-segment pedicle screw and rod instrumentation of unstable thoracolumbar fractures. <i>Spine Journal</i> , 2014 , 14, 1810-1	4	2
26	Letter to the Editor concerning "Intrawound vancomycin to prevent infections after spine surgery: a systematic review and meta-analysis" by Evaniew N, Khan M, Drew B, Peterson D, Bhandari M, Ghert M (2014) Eur Spine J; DOI 10.1007/s00586-014-3357-0. <i>European Spine Journal</i> , 2014 , 23, 2014-5	2.7	2
25	The performance of frailty in predictive modeling of short-term outcomes in the surgical management of metastatic tumors to the spine. <i>Spine Journal</i> , 2021 ,	4	2
24	Investigating the blood-spinal cord barrier in preclinical models: a systematic review of in vivo imaging techniques. <i>Spinal Cord</i> , 2021 , 59, 596-612	2.7	2
23	Cavernous Sinus Hemangioma: Rare Vascular Tumor of Cavernous Sinus. <i>World Neurosurgery</i> , 2018 , 110, 432-433	2.1	2
22	Transsphenoidal Surgery for Recurrent Pituitary Disease 2017 , 383-402		1
21	Teaching Neuro: Hypoglossal nerve palsy due to basilar invagination. <i>Neurology</i> , 2017 , 89, e214-e215	6.5	1
20	Unilateral absence of the neural arch in the subaxial cervical spine. <i>Spine Journal</i> , 2015 , 15, e23-4	4	1
19	Orthogonal Catheter Access for Stent Assisted Coiling of Posterior Cerebral Artery Aneurysm. <i>Operative Neurosurgery</i> , 2018 , 14, 85	1.6	1
18	Combined Direct and Indirect Cerebral Revascularization Using Local and Flow-Through Flaps. <i>Journal of Reconstructive Microsurgery</i> , 2018 , 34, 103-107	2.5	1
17	Teaching Video Neuro: Trigeminal neuralgia due to compression by the superior cerebellar artery. <i>Neurology</i> , 2017 , 89, e290	6.5	1
16	Teaching NeuroImages: Acute neurologic deficits due to Ballooning concentric sclerosis. <i>Neurology</i> , 2015 , 84, e109-10	6.5	1
15	Feasibility of a Fourth Ventriculopleural Shunt for Diversion of an Isolated Fourth Ventricle: A Technical Note. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 13, 897-900	1.2	1

14	The influence of modifiable risk factors on short-term postoperative outcomes following cervical spine surgery: A retrospective propensity score matched analysis. <i>EClinicalMedicine</i> , 2021 , 36, 100889	11.3	1
13	Calcified Prolactinoma of the Pituitary Gland: Illustrative Case Reports Highlighting Medical versus Surgical Intervention. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020 , 81, 22-29	1.5	1
12	Use of a Reverse Bohlman Technique for Low-Grade Spondylolisthesis. <i>International Journal of Spine Surgery</i> , 2019 , 13, 486-491	1.4	0
11	Ventral Thoracic Spinal Cord Herniation: Clinical Image and Video Illustration of Microsurgical Treatment. <i>World Neurosurgery</i> , 2020 , 142, 152-154	2.1	0
10	External Carotid Artery-to-Middle Cerebral Artery Bypass Using a Saphenous Vein Graft With 3-Vessel Anastomosis for the Treatment of a Large, Ruptured Middle Cerebral Artery Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E359-E360	1.6	0
9	Evaluating Medicaid Expansion Benefits for Patients with Cancer: National Cancer Database Analysis and Systematic Review. <i>Journal of Cancer Policy</i> , 2021 , 29, 100292-100292	1	0
8	Transpedicular lag screw placement in traumatic cervical spondylolisthesis: Case report and systematic review of the literature. <i>Journal of Clinical Neuroscience</i> , 2019 , 63, 256-262	2.2	
7	Upward transtentorial herniation following frontoorbital advancement for syndromic craniosynostosis: case report. <i>Neurosurgical Focus</i> , 2015 , 38, E8	4.2	
6	Readmission following inpatient stereotactic radiosurgery for brain tumors. <i>Journal of Radiosurgery and SBRT</i> , 2019 , 6, 101-119	0.4	
5	Surgical Outcomes following Repeat Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas: A Retrospective Comparative Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, S1-S188	1.5	
4	Commentary: Minimally Invasive Posterior Cervical Foraminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E141-E142	1.6	
3	Complication Trends and Costs of Surgical Management in 11,086 Osteoporotic Patients Receiving Lumbar Fusion. <i>Spine</i> , 2021 , 46, 1478-1484	3.3	
2	Evaluating the predictive value of comorbidity indices in pituitary surgery: a mixed-effects modeling study using the Nationwide Readmissions Database.. <i>Journal of Neurosurgery</i> , 2022 , 1-9	3.2	
1	The role of frailty in the clinical management of neurofibromatosis type 1: a mixed-effects modeling study using the Nationwide Readmissions Database.. <i>Neurosurgical Focus</i> , 2022 , 52, E3	4.2	