

Mohamad Bydon

List of Publications by Year in Descending Order

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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.

348 papers	4,433 citations	35 h-index	49 g-index
381 ext. papers	5,791 ext. citations	2.6 avg, IF	5.73 L-index

#	Paper	IF	Citations
348	Commentary: Predicting Clinically Relevant Patient-Reported Symptom Improvement After Carpal Tunnel Release: A Machine Learning Approach.. <i>Neurosurgery</i> , 2022 , 90, e5-e6	3.2	1
347	Application of Color Doppler Ultrasound to Identify and Repair Postoperative Cerebrospinal Fluid Leak: A Technical Note.. <i>Operative Neurosurgery</i> , 2022 , 22, e12-e17	1.6	
346	Robotic-Assisted vs Nonrobotic-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Cost-Utility Analysis.. <i>Neurosurgery</i> , 2022 , 90, 192-198	3.2	6
345	High-impact chronic pain transition in surgical recipients with cervical spondylotic myelopathy.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-10	2.8	0
344	Comparison of Oncologic Outcomes and Treatment-Related Toxicity of Carbon Ion Radiotherapy and En Bloc Resection for Sacral Chordoma.. <i>JAMA Network Open</i> , 2022 , 5, e2141927	10.4	1
343	Factors associated with progression and mortality among patients undergoing stereotactic radiosurgery for intracranial metastasis: results from a national real-world registry.. <i>Journal of Neurosurgery</i> , 2022 , 1-14	3.2	0
342	Transcatheter aortic valve replacement outcomes in solid organ transplant recipients.. <i>Journal of Cardiac Surgery</i> , 2022 , 37, 602	1.3	1
341	Cervical medial branch radiofrequency ablation and opioid usage: Cross sectional views at six months prior to and six months following procedure. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2022 , 28, 101504	0.5	
340	Time-to-enrollment in clinical trials investigating neurological recovery in chronic spinal cord injury: observations from a systematic review and ClinicalTrials.gov database. <i>Neural Regeneration Research</i> , 2022 , 17, 953-958	4.5	
339	Social risk factors predicting outcomes of cervical myelopathy surgery.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-8	2.8	0
338	Hypothermia Therapy for Traumatic Spinal Cord Injury: An Updated Review.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	2
337	Commentary: The Legal and Socioeconomic Considerations in Spine Telemedicine.. <i>Neurosurgery</i> , 2022 , 90,	3.2	
336	Minimally invasive versus open surgery for patients undergoing intradural extramedullary spinal cord tumor resection: A systematic review and meta-analysis.. <i>Clinical Neurology and Neurosurgery</i> , 2022 , 214, 107176	2	0
335	Racial disparities in the cost of inpatient spinal cord stimulator surgery among patients in the 2016-2018 National Inpatient Sample.. <i>Journal of Clinical Neuroscience</i> , 2022 , 98, 189-193	2.2	0
334	Predictors of Airway, Respiratory, airway, respiratory, and pulmonary complications following elective anterior cervical discectomy and fusion.. <i>Clinical Neurology and Neurosurgery</i> , 2022 , 217, 107245 ²		0
333	Estimating Intraoperative Neurophysiological Monitoring Rates for Anterior Cervical Discectomy and Fusion: Are Diagnostic or Procedural Codes Accurate?. <i>International Journal of Spine Surgery</i> , 2022 , 16, 208-214	1.4	
332	The Effect of Preoperative Mental Health Status on Outcomes After Anterior Cervical Discectomy and Fusion.. <i>International Journal of Spine Surgery</i> , 2022 , 16, 233-239	1.4	1

331	Letter to the Editor Regarding "Fifth Generation Cellular Networks and Neurosurgery: A Narrative Review".. <i>World Neurosurgery</i> , 2022 , 161, 207	2.1	
330	Outpatient versus inpatient lumbar decompression surgery: a matched noninferiority study investigating clinical and patient-reported outcomes.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-13	2.8	0
329	Commentary: Machine Learning to Predict Successful Opioid Dose Reduction or Stabilization After Spinal Cord Stimulation.. <i>Neurosurgery</i> , 2022 ,	3.2	
328	Factors associated with increased inpatient charges following aneurysmal subarachnoid hemorrhage with vasospasm: A nationwide analysis.. <i>Clinical Neurology and Neurosurgery</i> , 2022 , 218, 107259	2	
327	Association between lower Hounsfield units and proximal junctional kyphosis and failure at the upper thoracic spine.. <i>Journal of Neurosurgery: Spine</i> , 2022 , 1-9	2.8	0
326	Positive impact of the pandemic: the effect of postCOVID-19 virtual visit implementation on departmental efficiency and patient satisfaction in a quaternary care center. <i>Neurosurgical Focus</i> , 2022 , 52, E10	4.2	1
325	Racial disparity in recommendation for surgical resection of skull base chondrosarcomas: A Surveillance, Epidemiology, and End Results (SEER) analysis. <i>Journal of Clinical Neuroscience</i> , 2021 , 94, 186-191	2.2	
324	One Year Outcomes From a Prospective Multicenter Investigation Device Trial of a Novel Conformal Mesh Interbody Fusion Device. <i>Spine</i> , 2021 , 46, E126-E132	3.3	0
323	Hybrid surgery: a comparison of early postoperative outcomes between anterior cervical discectomy and fusion and cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-10	2.8	1
322	A Giant Intramedullary Spinal Tumor. <i>World Neurosurgery</i> , 2021 , 157, 123-124	2.1	0
321	Methods Used to Generate Consensus Statements for Clinical Practice Guidelines: A Primer for the Spine Surgeon. <i>Clinical Spine Surgery</i> , 2021 , 34, 391-394	1.8	0
320	Characteristics of completed clinical trials for spinal cord injury from 1999 to 2020. <i>Journal of Clinical Neuroscience</i> , 2021 , 94, 114-119	2.2	
319	A three-dimensional computed tomography study to determine the ideal method for fluoroscopically-guided bone marrow aspiration from the iliac crest. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021 , 21, 370-377	3.3	1
318	What Is the Learning Curve for Lumbar Spine Surgery Under Spinal Anesthesia?. <i>World Neurosurgery</i> , 2021 ,	2.1	1
317	"July Effect" Revisited: July Surgeries at Residency Training Programs are Associated with Equivalent Long-term Clinical Outcomes Following Lumbar Spondylolisthesis Surgery. <i>Spine</i> , 2021 , 46, 836-843	3.3	
316	Utilization Trends of Recombinant Human Bone Morphogenetic Protein in the United States. <i>Spine</i> , 2021 , 46, 874-881	3.3	0
315	Clinically Meaningful Improvement Following Cervical Spine Surgery: 30% Reduction Versus Absolute Point-change MCID Values. <i>Spine</i> , 2021 , 46, 717-725	3.3	8
314	Higher Paraspinal Muscle Density Effect on Outcomes After Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2021 , 11, 931-935	2.7	2

313	Comparison between vertebroplasty with high or low viscosity cement augmentation or kyphoplasty in cement leakage rate for patients with vertebral compression fracture: a systematic review and network meta-analysis. <i>European Spine Journal</i> , 2021 , 30, 2680-2690	2.7	5
312	Minimally invasive surgery for the treatment of osteoporotic fractures of the spine. <i>Seminars in Spine Surgery</i> , 2021 , 33, 100854	0.2	
311	Trends in Utilization of Preoperative Embolization for Spinal Metastases: A Study of the National Inpatient Sample 2005-2017. <i>Neurointervention</i> , 2021 , 16, 52-58	1.4	1
310	Cervical chordomas: multicenter case series and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021 , 153, 65-77	4.8	4
309	Diagnostic yield, accuracy, and complication rate of CT-guided biopsy for spinal lesions: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 841-847	7.8	2
308	Rate and Characteristics of Vertebral Artery Injury Following C1-C2 Posterior Cervical Fusion: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021 , 148, 118-126	2.1	2
307	Clinical characteristics and management differences for grade II and III spinal meningiomas. <i>Journal of Neuro-Oncology</i> , 2021 , 153, 313-320	4.8	0
306	Impact of surgeon and hospital factors on surgical decision-making for grade 1 degenerative lumbar spondylolisthesis: a Quality Outcomes Database analysis. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-11	2.8	2
305	Teriparatide Treatment Increases Hounsfield Units in the Thoracic Spine, Lumbar Spine, Sacrum, and Ilium Out of Proportion to the Cervical Spine. <i>Clinical Spine Surgery</i> , 2021 , 34, E370-E376	1.8	1
304	Initiation of a Robotic Program in Spinal Surgery: Experience at a Three-Site Medical Center. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1193-1202	6.4	1
303	Determining the Difference in Clinical and Radiologic Outcomes Between Expandable and Nonexpandable Titanium Cages in Cervical Fusion Procedures: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021 , 149, 249-264.e1	2.1	2
302	The Single Assessment Numeric Evaluation (SANE) after anterior cervical discectomy and fusion: A pilot study. <i>Journal of Clinical Neuroscience</i> , 2021 , 88, 95-101	2.2	0
301	Harmonized outcome measures for use in degenerative lumbar spondylolisthesis patient registries and clinical practice. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-9	2.8	
300	Lower Hounsfield Units at the Upper Instrumented Vertebrae are Significantly Associated With Proximal Junctional Kyphosis and Failure Near the Thoracolumbar Junction. <i>Operative Neurosurgery</i> , 2021 , 21, 270-275	1.6	2
299	Impact of Opioid Prescribing Guidelines on Postoperative Opioid Prescriptions Following Elective Spine Surgery: Results From an Institutional Quality Improvement Initiative. <i>Neurosurgery</i> , 2021 , 89, 460-470	3.2	1
298	Intracranial Hypotensive Crisis From an Insidious Spinal Cerebrospinal Fluid-Venous Fistula: A Case Report. <i>Operative Neurosurgery</i> , 2021 , 21, E283-E288	1.6	0
297	Elective intervention for unruptured cranial arteriovenous malformations in relation to ARUBA trial: a National Inpatient Sample study. <i>Acta Neurochirurgica</i> , 2021 , 163, 2489-2495	3	1
296	Identifying patients at risk for nonroutine discharge after surgery for cervical myelopathy: an analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-9	2.8	1

295	Postoperative C5 Palsy: Apples, Oranges, and Rotten Tomatoes. <i>World Neurosurgery</i> , 2021 , 151, 145-146.	2.1	1
294	Anterior Cervical Osteophyte Resection for Treatment of Dysphagia. <i>Global Spine Journal</i> , 2021 , 11, 488-499	2.7	7
293	Early and sustained improvements in motor function in rats after infusion of allogeneic umbilical cord-derived mesenchymal stem cells following spinal cord injury. <i>Spinal Cord</i> , 2021 , 59, 319-327	2.7	1
292	Utility of the 5-Item Modified Frailty Index for Predicting Adverse Outcomes Following Elective Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , 2021 , 146, e670-e677	2.1	6
291	Letter to the Editor Regarding "Racial and Ethnic Disparities in the Inpatient Management of Primary Spinal Cord Tumors". <i>World Neurosurgery</i> , 2021 , 147, 239	2.1	
290	Do safety-net hospitals provide equitable care after decompressive surgery for acute cauda equina syndrome?. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 200, 106356	2	
289	Nervous system involvement in SARS-coronavirus infection: a review on lessons learned from the previous outbreaks, ongoing pandemic and what to expect in the future. <i>International Journal of Neuroscience</i> , 2021 , 1-10	2	2
288	Is the current insurance structure leading to seasonality in demand for spinal surgery? A quarterly, yearly, and insurance based analysis. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 201, 106429	2	1
287	Prevalence and Trends in Management of Idiopathic Normal Pressure Hydrocephalus in the United States: Insights from the National Inpatient Sample. <i>World Neurosurgery</i> , 2021 , 145, e38-e52	2.1	2
286	Cervical Paraspinal Muscle Fatty Degeneration Is Not Associated with Muscle Cross-sectional Area: Qualitative Assessment Is Preferable for Cervical Sarcopenia. <i>Clinical Orthopaedics and Related Research</i> , 2021 , 479, 726-732	2.2	4
285	Allograft Subsidence Decreases Postoperative Segmental Lordosis With Minimal Effect on Global Alignment Following ACDF. <i>Global Spine Journal</i> , 2021 , 2192568220988270	2.7	1
284	Minimally Invasive Versus Open Surgery for Degenerative Spine Disorders for Elderly Patients: Experiences from a Single Institution. <i>World Neurosurgery</i> , 2021 , 146, e1262-e1269	2.1	3
283	The analgesic effect of intravenous lidocaine versus intrawound or epidural bupivacaine for postoperative opioid reduction in spine surgery: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 201, 106438	2	1
282	Trends in Utilization and Cost of Inpatient Spinal Cord Stimulation: Analysis of Data from 2008 to 2014. <i>World Neurosurgery</i> , 2021 , 147, e171-e188	2.1	1
281	Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1890-1895	6.4	3
280	Economic Burden of Hospitalizations Associated with Opioid Dependence Among Patients Undergoing Spinal Fusion. <i>World Neurosurgery</i> , 2021 , 151, e738-e746	2.1	1
279	Return to work in patients with lumbar disc herniation undergoing fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2021 , 16, 534	2.8	
278	A significant association between C5 nerve sheath tumors and new postoperative weakness. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-6	2.8	0

277	Titanium Cervical Cage Subsidence: Postoperative Computed Tomography Analysis Defining Incidence and Associated Risk Factors. <i>Global Spine Journal</i> , 2021 , 21925682211046897	2.7	1
276	Initial Results of Precision Treatment of Postoperative Cerebrospinal Fluid Leak with Ultrasound-Guided Epidural Blood Patch. <i>World Neurosurgery</i> , 2021 , 153, e204-e212	2.1	0
275	Variations in Postoperative Opioid Prescription Practices and Impact on Refill Prescriptions Following Lumbar Spine Surgery. <i>World Neurosurgery</i> , 2021 , 153, e112-e130	2.1	0
274	Does reduction of the Meyerding grade correlate with outcomes in patients undergoing decompression and fusion for grade I degenerative lumbar spondylolisthesis?. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-8	2.8	0
273	Cervical Total Disc Replacement: Food and Drug Administration-Approved Devices. <i>Neurosurgery Clinics of North America</i> , 2021 , 32, 425-435	4	0
272	Impact of predominant symptom location among patients undergoing cervical spine surgery on 12-month outcomes: an analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2021 , 35, 399-409	2.8	
271	A Multicenter Evaluation of the Feasibility, Patient/Provider Satisfaction, and Value of Virtual Spine Consultation During the COVID-19 Pandemic. <i>World Neurosurgery</i> , 2021 , 154, e781-e789	2.1	0
270	Classifying Patients Operated for Spondylolisthesis: A K-Means Clustering Analysis of Clinical Presentation Phenotypes. <i>Neurosurgery</i> , 2021 , 89, 1033-1041	3.2	1
269	Local failure after stereotactic radiosurgery (SRS) for intracranial metastasis: analysis from a cooperative, prospective national registry. <i>Journal of Neuro-Oncology</i> , 2021 , 152, 299-311	4.8	0
268	Disparities in access to surgery for glioblastoma multiforme at high-volume Commission on Cancer-accredited hospitals in the United States. <i>Journal of Neurosurgery</i> , 2021 , 1-10	3.2	1
267	Time trend analysis of database and registry use in the neurosurgical literature: evidence for the advance of registry science.. <i>Journal of Neurosurgery</i> , 2021 , 1-6	3.2	1
266	Minimally invasive versus open lumbar spinal fusion: a matched study investigating patient-reported and surgical outcomes.. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-14	2.8	3
265	Building and implementing an institutional registry for a data-driven national neurosurgical practice: experience from a multisite medical center. <i>Neurosurgical Focus</i> , 2021 , 51, E9	4.2	0
264	Is postoperative atelectasis following lumbar fusion more prevalent among patients with chronic opioid use?. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 199, 106308	2	1
263	Association Between Spine Surgery and Availability of Opioid Medication. <i>JAMA Network Open</i> , 2020 , 3, e208974	10.4	4
262	Utilization of Mobility Data in the Fight Against COVID-19. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020 , 4, 733-735	3.1	3
261	Improved 3-year survival rates for glioblastoma multiforme are associated with trends in treatment: analysis of the national cancer database from 2004 to 2013. <i>Journal of Neuro-Oncology</i> , 2020 , 148, 69-79	4.8	5
260	Factors Associated with Higher Rates of Heterotopic Ossification after Spinal Cord Injury: A Systematic Review and Meta-Analysis. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 195, 105821	2	0

259	Using PROMIS-29 to predict Neck Disability Index (NDI) scores using a national sample of cervical spine surgery patients. <i>Spine Journal</i> , 2020 , 20, 1305-1315	4	2
258	Spinal Cord Cavernous Malformations: MRI Commonly Shows Adjacent Intramedullary Hemorrhage. <i>Journal of Neuroimaging</i> , 2020 , 30, 690-696	2.8	5
257	Letter to the Editor: Survey of Academic U.S. Programs Regarding the Impact of the COVID-19 Pandemic on Clinical Practice, Education, and Research in Neurosurgery. <i>World Neurosurgery</i> , 2020 , 140, 476-478	2.1	5
256	Comparison of Costs and Postoperative Outcomes between Vertebroplasty and Kyphoplasty for Osteoporotic Vertebral Compression Fractures: Analysis from a State-Level Outpatient Database. <i>World Neurosurgery</i> , 2020 , 141, e801-e814	2.1	1
255	Impact of Dominant Symptom on 12-Month Patient-Reported Outcomes for Patients Undergoing Lumbar Spine Surgery. <i>Neurosurgery</i> , 2020 , 87, 1037-1045	3.2	1
254	Predictors of the Best Outcomes Following Minimally Invasive Surgery for Grade 1 Degenerative Lumbar Spondylolisthesis. <i>Neurosurgery</i> , 2020 , 87, 1130-1138	3.2	3
253	Pharmacologic prophylaxis for heterotopic ossification following spinal cord injury: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 193, 105737	2	5
252	Mental illnesses among patients undergoing elective anterior cervical discectomy and fusion: Analysis from the National Readmissions Database. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 193, 105765	2.65	2
251	Regional Variance in Disability and Quality-of-Life Outcomes After Surgery for Grade I Degenerative Lumbar Spondylolisthesis: A Quality Outcomes Database Analysis. <i>World Neurosurgery</i> , 2020 , 138, e336-e344	2.1	4
250	Why are patients dissatisfied after spine surgery when improvements in disability and pain are clinically meaningful?. <i>Spine Journal</i> , 2020 , 20, 1535-1543	4	5
249	Utility of Preoperative Laboratory Testing in Assessing Risk of Adverse Outcomes After Anterior Cervical Discectomy and Fusion: Insights from National Surgical Registry. <i>World Neurosurgery</i> , 2020 , 136, e398-e406	2.1	5
248	Measuring clinically relevant improvement after lumbar spine surgery: is it time for something new?. <i>Spine Journal</i> , 2020 , 20, 847-856	4	18
247	Assessing the Differences in Measurement of Degree of Spondylolisthesis Between Supine MRI and Erect X-Ray: An Institutional Analysis of 255 Cases. <i>Operative Neurosurgery</i> , 2020 , 18, 438-443	1.6	6
246	Assessing the differences in characteristics of patients lost to follow-up at 2 years: results from the Quality Outcomes Database study on outcomes of surgery for grade I spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-9	2.8	5
245	The impact of platelet-rich plasma on postoperative outcomes after spinal fusion: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-8	2.8	2
244	Correlation of return to work with patient satisfaction after surgery for lumbar spondylolisthesis: an analysis of the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2020 , 48, E5	4.2	7
243	Quality Outcomes Database Spine Care Project 2012-2020: milestones achieved in a collaborative North American outcomes registry to advance value-based spine care and evolution to the American Spine Registry. <i>Neurosurgical Focus</i> , 2020 , 48, E2	4.2	14
242	Open versus minimally invasive decompression for low-grade spondylolisthesis: analysis from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-11	2.8	5

241	Institutional databases may underestimate the risk factors for 30-day unplanned readmissions compared to national databases. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-9	2.8	3
240	The Institute for Healthcare Improvement-NeuroPoint Alliance collaboration to decrease length of stay and readmission after lumbar spine fusion: using national registries to design quality improvement protocols. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-10	2.8	1
239	Morbidity and mortality in elderly patients undergoing evacuation of acute traumatic subdural hematoma. <i>Neurosurgical Focus</i> , 2020 , 49, E22	4.2	8
238	Use of regenerative treatments in treatment of lumbar Degenerative Disc Disease: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 195, 105916	2	0
237	Postoperative Restrictions After Anterior Cervical Discectomy and Fusion. <i>Cureus</i> , 2020 , 12, e9532	1.2	3
236	An Objective and Reliable Method for Identifying Sarcopenia in Lumbar Spine Surgery Patients: Using Morphometric Measurements on Computed Tomography Imaging. <i>Asian Spine Journal</i> , 2020 , 14, 814-820	2.8	1
235	Telemedicine Utilization in Neurosurgery During the COVID-19 Pandemic: A Glimpse Into the Future?. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020 , 4, 736-744	3.1	15
234	Use of Hybrid Imaging Techniques in Diagnosis of Facet Joint Arthropathy: A Narrative Review of Three Modalities. <i>World Neurosurgery</i> , 2020 , 134, 201-210	2.1	1
233	Sexual Dysfunction: Prevalence and Prognosis in Patients Operated for Degenerative Lumbar Spondylolisthesis. <i>Neurosurgery</i> , 2020 , 87, 200-210	3.2	6
232	Assessing the Effects of Publication Bias on Reported Outcomes of Cervical Disc Replacement and Anterior Cervical Discectomy and Fusion: A Meta-Epidemiologic Study. <i>World Neurosurgery</i> , 2020 , 137, 443-450.e13	2.1	1
231	The role of radiation and chemotherapy in adult patients with high-grade brainstem gliomas: results from the National Cancer Database. <i>Journal of Neuro-Oncology</i> , 2020 , 146, 303-310	4.8	7
230	Radiotherapy in addition to surgical resection may not improve overall survival in WHO grade II spinal ependymomas. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 189, 105632	2	7
229	Adding 3-month patient data improves prognostic models of 12-month disability, pain, and satisfaction after specific lumbar spine surgical procedures: development and validation of a prediction model. <i>Spine Journal</i> , 2020 , 20, 600-613	4	11
228	Perceptions of overlapping surgery in neurosurgery based on practice volume: A multi-institutional survey. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 188, 105585	2	3
227	Novel Intervertebral Technologies. <i>Neurosurgery Clinics of North America</i> , 2020 , 31, 49-56	4	
226	Submaximal angioplasty in the treatment of patients with symptomatic ICAD: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 380-385	7.8	5
225	CELLTOP Clinical Trial: First Report From a Phase 1 Trial of Autologous Adipose Tissue-Derived Mesenchymal Stem Cells in the Treatment of Paralysis Due to Traumatic Spinal Cord Injury. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 406-414	6.4	33
224	Cost of Readmissions Following Anterior Cervical Discectomy and Fusion: Insights from the Nationwide Readmissions Database. <i>Neurosurgery</i> , 2020 , 87, 679-688	3.2	6

223	Predictors of adverse outcomes and cost after surgical management for idiopathic normal pressure hydrocephalus: Analyses from a national database. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 197, 106178	3	78
222	Correlations Between COVID-19 Cases and Google Trends Data in the United States: A State-by-State Analysis. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2370-2381	6.4	24
221	Lumbar Puncture Increases Risk of Lumbar Degenerative Disc Disease: Analysis From the Rochester Epidemiology Project. <i>Spine</i> , 2020 , 45, E1326-E1332	3.3	1
220	Disparities in inpatient costs and outcomes after elective anterior cervical discectomy and fusion at safety-net hospitals. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 198, 106223	2	2
219	Use of teriparatide prior to lumbar fusion surgery lowers two-year complications for patients with poor bone health. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 198, 106244	2	2
218	Outcomes and Complications With Age in Spondylolisthesis: An Evaluation of the Elderly From the Quality Outcomes Database. <i>Spine</i> , 2020 , 45, 1000-1008	3.3	7
217	Chronic opioid use is associated with increased postoperative urinary retention, length of stay and non-routine discharge following lumbar fusion surgery. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 197, 106161	2	3
216	Average Lumbar Hounsfield Units Predicts Osteoporosis-Related Complications Following Lumbar Spine Fusion. <i>Global Spine Journal</i> , 2020 , 2192568220975365	2.7	7
215	A Comparison of Minimally Invasive and Open Transforaminal Lumbar Interbody Fusion for Grade 1 Degenerative Lumbar Spondylolisthesis: An Analysis of the Prospective Quality Outcomes Database. <i>Neurosurgery</i> , 2020 , 87, 555-562	3.2	12
214	Outpatient Versus Inpatient Posterior Lumbar Fusion for Low-Risk Patients: An Analysis of Thirty-Day Outcomes From the National Surgical Quality Improvement Program. <i>World Neurosurgery</i> , 2020 , 142, e487-e493	2.1	2
213	Risk Factors for Unplanned Readmissions Following Anterior Cervical Discectomy and Fusion and Posterior Lumbar Fusion Procedures: Comparison of Two National Databases. <i>World Neurosurgery</i> , 2020 , 143, e613-e630	2.1	3
212	Development and Validation of Cervical Prediction Models for Patient-Reported Outcomes at 1 Year After Cervical Spine Surgery for Radiculopathy and Myelopathy. <i>Spine</i> , 2020 , 45, 1541-1552	3.3	5
211	Patients with a depressive and/or anxiety disorder can achieve optimum Long term outcomes after surgery for grade 1 spondylolisthesis: Analysis from the quality outcomes database (QOD). <i>Clinical Neurology and Neurosurgery</i> , 2020 , 197, 106098	2	4
210	Adjuvant radiation for WHO grade II and III intracranial meningiomas: insights on survival and practice patterns from a National Cancer Registry. <i>Journal of Neuro-Oncology</i> , 2020 , 149, 293-303	4.8	2
209	In Reply: A Comparison of Minimally Invasive and Open Transforaminal Lumbar Interbody Fusion for Grade 1 Degenerative Lumbar Spondylolisthesis: An Analysis of the Prospective Quality Outcomes Database. <i>Neurosurgery</i> , 2020 , 87, E609-E610	3.2	2
208	The System Is Broken: A Qualitative Assessment of Opioid Prescribing Practices After Spine Surgery. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1906-1915	6.4	2
207	Does Hospital Teaching Status Affect the Outcomes of Patients Undergoing Anterior Cervical Discectomy and Fusion?. <i>World Neurosurgery</i> , 2020 , 144, e395-e404	2.1	2
206	Hospital volume-outcome relationship in severe traumatic brain injury: stratified analysis by level of trauma center. <i>Journal of Neurosurgery</i> , 2020 , 134, 1303-1315	3.2	2

205	Obese Patients Benefit, but do not Fare as Well as Nonobese Patients, Following Lumbar Spondylolisthesis Surgery: An Analysis of the Quality Outcomes Database. <i>Neurosurgery</i> , 2020 , 86, 80-87 ^{3,2}	29
204	Big Data Defined: A Practical Review for Neurosurgeons. <i>World Neurosurgery</i> , 2020 , 133, e842-e849	2.1 8
203	Artificial Discs in Cervical Disc Replacement: A Meta-Analysis for Comparison of Long-Term Outcomes. <i>World Neurosurgery</i> , 2020 , 134, 598-613.e5	2.1 9
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70	Surgical complications following malignant brain tumor surgery: An analysis of 2002-2011 data. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 140, 6-10	2	42
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33	The use of stereotactic radiosurgery for the treatment of spinal axis tumors: a review. <i>Clinical Neurology and Neurosurgery</i> , 2014 , 125, 166-72	2	20
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