

# Mohamad Bydon

## List of Publications by Year in descending order

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Version: 2024-02-01

379  
papers

7,008  
citations

70961

41  
h-index

128067

60  
g-index

381  
all docs

381  
docs citations

381  
times ranked

6527  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Titanium Cervical Cage Subsidence: Postoperative Computed Tomography Analysis Defining Incidence and Associated Risk Factors. <i>Global Spine Journal</i> , 2023, 13, 1703-1715.  | 1.2 | 8         |
| 2  | Average Lumbar Hounsfield Units Predicts Osteoporosis-Related Complications Following Lumbar Spine Fusion. <i>Global Spine Journal</i> , 2022, 12, 851-857.   | 1.2 | 25        |
| 3  | 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> , 2022, 132, 930-938.              | 0.8 | 3         |
| 4  | Allograft Subsidence Decreases Postoperative Segmental Lordosis With Minimal Effect on Global Alignment Following ACDF. <i>Global Spine Journal</i> , 2022, 12, 1723-1730.  | 1.2 | 5         |
| 5  | 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.                  | 1.6 | 1         |
| 6  | What Is the Learning Curve for Lumbar Spine Surgery Under Spinal Anesthesia?. <i>World Neurosurgery</i> , 2022, 158, e310-e316.   | 0.7 | 12        |
| 7  | Hybrid surgery: a comparison of early postoperative outcomes between anterior cervical discectomy and fusion and cervical disc arthroplasty. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 575-584.   | 0.9 | 13        |
| 8  | Commentary: Predicting Clinically Relevant Patient-Reported Symptom Improvement After Carpal Tunnel Release: A Machine Learning Approach. <i>Neurosurgery</i> , 2022, 90, e5-e6.  | 0.6 | 1         |
| 9  | Application of Color Doppler Ultrasound to Identify and Repair Postoperative Cerebrospinal Fluid Leak: A Technical Note. <i>Operative Neurosurgery</i> , 2022, 22, e12-e17.   | 0.4 | 0         |
| 10 | Robotic-Assisted vs Nonrobotic-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Cost-Utility Analysis. <i>Neurosurgery</i> , 2022, 90, 192-198.  | 0.6 | 22        |
| 11 | High-impact chronic pain transition in surgical recipients with cervical spondylotic myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-10.  | 0.9 | 2         |
| 12 | 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.   | 2.8 | 7         |
| 13 | 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, 137, 985-998.                  | 0.9 | 4         |
| 14 | Transcatheter aortic valve replacement outcomes in solid organ transplant recipients. <i>Journal of Cardiac Surgery</i> , 2022, 37, 602-607.  | 0.3 | 6         |
| 15 | 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.  | 0.2 | 0         |
| 16 | Social risk factors predicting outcomes of cervical myelopathy surgery. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 41-48.  | 0.9 | 8         |
| 17 | Rate of C8 Radiculopathy in Patients Undergoing Cervicothoracic Osteotomy: A Systematic Appraisal of the Literature. <i>World Neurosurgery</i> , 2022, , .  | 0.7 | 0         |
| 18 | Improved Sagittal Alignment Is Associated with Early Postoperative Neck Disability and Pain-Related Patient-Reported Outcomes Following Posterior Cervical Decompression and Fusion for Myelopathy. <i>World Neurosurgery</i> , 2022, 161, e654-e663. | 0.7 | 5         |

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|----|---|-----|-----------|
| 19 | Hypothermia Therapy for Traumatic Spinal Cord Injury: An Updated Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 1585.  | 1.0 | 10        |
| 20 | Commentary: The Legal and Socioeconomic Considerations in Spine Telemedicine. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .   | 0.6 | 0         |
| 21 | Crossing the Cervicothoracic Junction in Multilevel Cervical Arthrodesis: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2022, 162, e336-e346.  | 0.7 | 4         |
| 22 | 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.  | 0.6 | 8         |
| 23 | Racial disparities in the cost of inpatient spinal cord stimulator surgery among patients in the 2016â€“2018 National Inpatient Sample. <i>Journal of Clinical Neuroscience</i> , 2022, 98, 189-193.                          | 0.8 | 3         |
| 24 | Time trend analysis of database and registry use in the neurosurgical literature: evidence for the advance of registry science. <i>Journal of Neurosurgery</i> , 2022, 136, 1804-1809.  | 0.9 | 2         |
| 25 | Minimally invasive versus open lumbar spinal fusion: a matched study investigating patient-reported and surgical outcomes. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 753-766.   | 0.9 | 9         |
| 26 | Predictors of airway, respiratory, and pulmonary complications following elective anterior cervical discectomy and fusion. <i>Clinical Neurology and Neurosurgery</i> , 2022, 217, 107245.                                    | 0.6 | 3         |
| 27 | 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.   | 0.7 | 3         |
| 28 | 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.   | 0.7 | 3         |
| 29 | Letter to the Editor Regarding â€œFifth Generation Cellular Networks and Neurosurgery: A Narrative Reviewâ€. <i>World Neurosurgery</i> , 2022, 161, 207.   | 0.7 | 0         |
| 30 | Rating Spine Surgeons. <i>Clinical Spine Surgery</i> , 2022, Publish Ahead of Print, .  | 0.7 | 0         |
| 31 | Outpatient versus inpatient lumbar decompression surgery: a matched noninferiority study investigating clinical and patient-reported outcomes. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 485-497.                     | 0.9 | 2         |
| 32 | Commentary: Machine Learning to Predict Successful Opioid Dose Reduction or Stabilization After Spinal Cord Stimulation. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .  | 0.6 | 0         |
| 33 | Factors associated with increased inpatient charges following aneurysmal subarachnoid hemorrhage with vasospasm: A nationwide analysis. <i>Clinical Neurology and Neurosurgery</i> , 2022, 218, 107259.                       | 0.6 | 1         |
| 34 | Transradial versus Transfemoral Approaches in Diagnostic and Therapeutic Neuroendovascular Interventions: A Meta-Analysis of Current Literature. <i>World Neurosurgery</i> , 2022, 164, e694-e705.                            | 0.7 | 12        |
| 35 | Association between lower Hounsfield units and proximal junctional kyphosis and failure at the upper thoracic spine. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 694-702.   | 0.9 | 9         |
| 36 | Inferior Clinical Outcomes for Patients with Medicaid Insurance After Surgery for Degenerative Lumbar Spondylolisthesis: A Prospective Registry Analysis of 608 Patients. <i>World Neurosurgery</i> , 2022, 164, e1024-e1033. | 0.7 | 4         |

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|----|--|-----|-----------|
| 37 | Positive impact of the pandemic: the effect of post-COVID-19 virtual visit implementation on departmental efficiency and patient satisfaction in a quaternary care center. <i>Neurosurgical Focus</i> , 2022, 52, E10.   | 1.0 | 5         |
| 38 | Rescue therapy with novel waveform spinal cord stimulation for patients with failed back surgery syndrome refractory to conventional stimulation: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 670-679.                          | 0.9 | 1         |
| 39 | SPECT-CT as a Predictor of Pain Generators in Patients Undergoing Intra-Articular Injections for Chronic Neck and Back Pain. <i>World Neurosurgery</i> , 2022, 164, e1243-e1250.   | 0.7 | 10        |
| 40 | Surgical management of sacral schwannomas: a 21-year mayo clinic experience and comparative literature analysis. <i>Journal of Neuro-Oncology</i> , 2022, 159, 1-14.   | 1.4 | 3         |
| 41 | The Role of Alginate Hydrogels as a Potential Treatment Modality for Spinal Cord Injury: A Comprehensive Review of the Literature. <i>Neurospine</i> , 2022, 19, 272-280.  | 1.1 | 10        |
| 42 | Utilizing Data from Wearable Technologies in the Era of Telemedicine to Assess Patient Function and Outcomes in Neurosurgery: Systematic Review and Time-Trend Analysis of the Literature. <i>World Neurosurgery</i> , 2022, 166, 90-119.                                    | 0.7 | 5         |
| 43 | Higher Paraspinal Muscle Density Effect on Outcomes After Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2021, 11, 931-935.  | 1.2 | 16        |
| 44 | 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. | 1.0 | 12        |
| 45 | Anterior Cervical Osteophyte Resection for Treatment of Dysphagia. <i>Global Spine Journal</i> , 2021, 11, 488-499.  | 1.2 | 12        |
| 46 | 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.  | 0.9 | 5         |
| 47 | 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.   | 0.7 | 25        |
| 48 | 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.  | 0.7 | 0         |
| 49 | Do safety-net hospitals provide equitable care after decompressive surgery for acute cauda equina syndrome?. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106356.   | 0.6 | 1         |
| 50 | 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.   | 0.6 | 4         |
| 51 | 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.   | 0.7 | 10        |
| 52 | 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.                                      | 0.7 | 17        |
| 53 | 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.   | 0.7 | 13        |
| 54 | 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.                          | 0.6 | 4         |

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|----|---|-----|-----------|
| 55 | 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.  | 0.7 | 2         |
| 56 | Minimally invasive surgery for the treatment of osteoporotic fractures of the spine. <i>Seminars in Spine Surgery</i> , 2021, 33, 100854.   | 0.1 | 0         |
| 57 | 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.   | 0.5 | 7         |
| 58 | Cervical chordomas: multicenter case series and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021, 153, 65-77.   | 1.4 | 9         |
| 59 | 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.   | 2.0 | 8         |
| 60 | Hospital volume-outcome relationship in severe traumatic brain injury: stratified analysis by level of trauma center. <i>Journal of Neurosurgery</i> , 2021, 134, 1303-1315.  | 0.9 | 3         |
| 61 | 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.   | 0.7 | 9         |
| 62 | Clinical characteristics and management differences for grade II and III spinal meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 153, 313-320.   | 1.4 | 6         |
| 63 | 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, 34, 768-778.                      | 0.9 | 5         |
| 64 | 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.                                      | 0.7 | 4         |
| 65 | Initiation of a Robotic Program in Spinal Surgery. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1193-1202.  | 1.4 | 5         |
| 66 | 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. | 0.7 | 3         |
| 67 | 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.   | 0.8 | 2         |
| 68 | Harmonized outcome measures for use in degenerative lumbar spondylolisthesis patient registries and clinical practice. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 888-896.   | 0.9 | 1         |
| 69 | 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.                   | 0.4 | 12        |
| 70 | 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.                      | 0.6 | 6         |
| 71 | Intracranial Hypotensive Crisis From an Insidious Spinal Cerebrospinal Fluid-Venous Fistula: A Case Report. <i>Operative Neurosurgery</i> , 2021, 21, E283-E288.  | 0.4 | 1         |
| 72 | 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.   | 0.9 | 5         |

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|----|--|-----|-----------|
| 73 | 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, 35, 25-33.                  | 0.9 | 4         |
| 74 | Postoperative C5 Palsy: Apples, Oranges, and Rotten Tomatoes. <i>World Neurosurgery</i> , 2021, 151, 145-146.  | 0.7 | 4         |
| 75 | Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1890-1895.  | 1.4 | 9         |
| 76 | Economic Burden of Hospitalizations Associated with Opioid Dependence Among Patients Undergoing Spinal Fusion. <i>World Neurosurgery</i> , 2021, 151, e738-e746.   | 0.7 | 6         |
| 77 | Return to work in patients with lumbar disc herniation undergoing fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 534.  | 0.9 | 1         |
| 78 | A significant association between C5 nerve sheath tumors and new postoperative weakness. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 638-643.  | 0.9 | 1         |
| 79 | Initial Results of Precision Treatment of Postoperative Cerebrospinal Fluid Leak with Ultrasound-Guided Epidural Blood Patch. <i>World Neurosurgery</i> , 2021, 153, e204-e212.  | 0.7 | 4         |
| 80 | 23. Outcomes of direct vs indirect decompression for lumbar spondylolisthesis: A propensity matched cohort analysis. <i>Spine Journal</i> , 2021, 21, S12.   | 0.6 | 0         |
| 81 | Variations in Postoperative Opioid Prescription Practices and Impact on Refill Prescriptions Following Lumbar Spine Surgery. <i>World Neurosurgery</i> , 2021, 153, e112-e130.   | 0.7 | 2         |
| 82 | 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. | 0.9 | 5         |
| 83 | 185. A clinical model to predict postoperative improvement in subdomains of the modified Japanese Orthopedic Association Score for degenerative cervical myelopathy. <i>Spine Journal</i> , 2021, 21, S93-S94.         | 0.6 | 0         |
| 84 | Cervical Total Disc Replacement. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 425-435.   | 0.8 | 11        |
| 85 | 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, 1-11.  | 0.9 | 1         |
| 86 | 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.                    | 0.7 | 13        |
| 87 | OUP accepted manuscript. <i>Neurosurgery</i> , 2021, 89, 1033-1041.  | 0.6 | 4         |
| 88 | 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.                    | 1.4 | 6         |
| 89 | Clinically Meaningful Improvement Following Cervical Spine Surgery: 30% Reduction Versus Absolute Point-change MCID Values. <i>Spine</i> , 2021, 46, 717-725.  | 1.0 | 25        |
| 90 | A Giant Intramedullary Spinal Tumor. <i>World Neurosurgery</i> , 2021, 157, 123-124.   | 0.7 | 1         |

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|-----|--|-----|-----------|
| 91  | Relationship Between Restraint System Use and Brachial Plexus Injuries in Motor Vehicle Accidents: A Caseâ€“Control Study from the National Trauma Databank. <i>World Neurosurgery</i> , 2021, , .                                   | 0.7 | 0         |
| 92  | Methods Used to Generate Consensus Statements for Clinical Practice Guidelines. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, 391-394.   | 0.7 | 2         |
| 93  | Characteristics of completed clinical trials for spinal cord injury from 1999 to 2020. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 114-119.  | 0.8 | 1         |
| 94  | 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.           | 0.6 | 1         |
| 95  | Utilization Trends of Recombinant Human Bone Morphogenetic Protein in the United States. <i>Spine</i> , 2021, 46, 874-881.   | 1.0 | 5         |
| 96  | 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.                 | 0.8 | 1         |
| 97  | 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.   | 1.0 | 2         |
| 98  | Comparison of Outcomes between Cage Materials Used for Patients Undergoing Anterior Cervical Discectomy and Fusion with Stand-Alone Cages: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, , .              | 0.7 | 1         |
| 99  | Disparities in access to surgery for glioblastoma multiforme at high-volume Commission on Cancerâ€“accredited hospitals in the United States. <i>Journal of Neurosurgery</i> , 2021, , 1-10.   | 0.9 | 2         |
| 100 | Cervical Alignment and Proximal and Distal Junctional Failure in Posterior Cervical Fusion. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .  | 0.7 | 1         |
| 101 | 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.  | 1.0 | 3         |
| 102 | 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.                               | 0.4 | 9         |
| 103 | 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.                               | 0.6 | 36        |
| 104 | Big Data Defined: A Practical Review for Neurosurgeons. <i>World Neurosurgery</i> , 2020, 133, e842-e849.  | 0.7 | 14        |
| 105 | Artificial Discs in Cervical Disc Replacement: A Meta-Analysis for Comparison of Long-Term Outcomes. <i>World Neurosurgery</i> , 2020, 134, 598-613.e5.  | 0.7 | 21        |
| 106 | Does Neck Disability Index Correlate With 12-Month Satisfaction After Elective Surgery for Cervical Radiculopathy? Results From a National Spine Registry. <i>Neurosurgery</i> , 2020, 86, 736-741.                                  | 0.6 | 11        |
| 107 | Reporting Methodology of Neurosurgical Studies Utilizing the American College of Surgeons-National Surgical Quality Improvement Program Database: A Systematic Review and Critical Appraisal. <i>Neurosurgery</i> , 2020, 86, 46-60. | 0.6 | 19        |
| 108 | Trajectory of Improvement in Myelopathic Symptoms From 3 to 12 Months Following Surgery for Degenerative Cervical Myelopathy. <i>Neurosurgery</i> , 2020, 86, 763-768.   | 0.6 | 18        |

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|-----|--|-----|-----------|
| 109 | 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.  | 0.7 | 2         |
| 110 | Sexual Dysfunction: Prevalence and Prognosis in Patients Operated for Degenerative Lumbar Spondylolisthesis. <i>Neurosurgery</i> , 2020, 87, 200-210.  | 0.6 | 8         |
| 111 | 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.                           | 0.7 | 2         |
| 112 | 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.  | 1.4 | 13        |
| 113 | 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.  | 0.6 | 12        |
| 114 | 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. | 0.6 | 19        |
| 115 | Teriparatide treatment increases Hounsfield units in the lumbar spine out of proportion to DEXA changes. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 50-55.  | 0.9 | 16        |
| 116 | Perceptions of overlapping surgery in neurosurgery based on practice volume: A multi-institutional survey. <i>Clinical Neurology and Neurosurgery</i> , 2020, 188, 105585.   | 0.6 | 4         |
| 117 | Novel Intervertebral Technologies. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 49-56.   | 0.8 | 1         |
| 118 | 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.   | 2.0 | 19        |
| 119 | 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.       | 1.4 | 66        |
| 120 | Cost of Readmissions Following Anterior Cervical Discectomy and Fusion: Insights from the Nationwide Readmissions Database. <i>Neurosurgery</i> , 2020, 87, 679-688.   | 0.6 | 15        |
| 121 | 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.                                 | 0.6 | 10        |
| 122 | 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.  | 1.4 | 52        |
| 123 | Lumbar Puncture Increases Risk of Lumbar Degenerative Disc Disease. <i>Spine</i> , 2020, 45, E1326-E1332.  | 1.0 | 1         |
| 124 | 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.  | 0.6 | 5         |
| 125 | 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.   | 0.6 | 12        |
| 126 | Outcomes and Complications With Age in Spondylolisthesis. <i>Spine</i> , 2020, 45, 1000-1008.  | 1.0 | 12        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | 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.                                | 0.6 | 7         |
| 128 | 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.                  | 0.6 | 20        |
| 129 | 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.                                   | 0.7 | 7         |
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