

# Mohamad Bydon

## 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.

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	Titanium vs. polyetheretherketone (PEEK) interbody fusion: Meta-analysis and review of the literature. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 44, 23-29	2.2	116
347	An analysis from the Quality Outcomes Database, Part 1. Disability, quality of life, and pain outcomes following lumbar spine surgery: predicting likely individual patient outcomes for shared decision-making. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 357-369	2.8	95
346	Risk of infection following posterior instrumented lumbar fusion for degenerative spine disease in 817 consecutive cases. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 20, 45-52	2.8	90
345	The impact of obesity on short- and long-term outcomes after lumbar fusion. <i>Spine</i> , <b>2015</b> , 40, 56-61	3.3	89
344	Recurrent back and leg pain and cyst reformation after surgical resection of spinal synovial cysts: systematic review of reported postoperative outcomes. <i>Spine Journal</i> , <b>2010</b> , 10, 820-6	4	85
343	Augmented reality for the surgeon: Systematic review. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , <b>2018</b> , 14, e1914	2.9	83
342	Incidence and prognostic factors of c5 palsy: a clinical study of 1001 cases and review of the literature. <i>Neurosurgery</i> , <b>2014</b> , 74, 595-604; discussion 604-5	3.2	78
341	Genetics of intracranial aneurysms. <i>Neurosurgery</i> , <b>2007</b> , 60, 213-25; discussion 225-6	3.2	74
340	Defining the minimum clinically important difference for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , <b>2018</b> , 44, E2	4.2	71
339	Minimally invasive versus open fusion for Grade I degenerative lumbar spondylolisthesis: analysis of the Quality Outcomes Database. <i>Neurosurgical Focus</i> , <b>2017</b> , 43, E11	4.2	59
338	Incidence of Osteoporosis-Related Complications Following Posterior Lumbar Fusion. <i>Global Spine Journal</i> , <b>2018</b> , 8, 563-569	2.7	59
337	Impact of smoking on complication and pseudarthrosis rates after single- and 2-level posterolateral fusion of the lumbar spine. <i>Spine</i> , <b>2014</b> , 39, 1765-70	3.3	56
336	Molecular genetic analysis of two large kindreds with intracranial aneurysms demonstrates linkage to 11q24-25 and 14q23-31. <i>Stroke</i> , <b>2006</b> , 37, 1021-7	6.7	54
335	Adjacent segment disease after anterior cervical discectomy and fusion in a large series. <i>Neurosurgery</i> , <b>2014</b> , 74, 139-46 discussion 146	3.2	52
334	Operative Approaches for Lumbar Disc Herniation: A Systematic Review and Multiple Treatment Meta-Analysis of Conventional and Minimally Invasive Surgeries. <i>World Neurosurgery</i> , <b>2018</b> , 114, 391-407.e2	2.1	51
333	An analysis from the Quality Outcomes Database, Part 2. Predictive model for return to work after elective surgery for lumbar degenerative disease. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 27, 370-381	2.8	50
332	Impact of resident participation on morbidity and mortality in neurosurgical procedures: an analysis of 16,098 patients. <i>Journal of Neurosurgery</i> , <b>2015</b> , 122, 955-61	3.2	49

331	Long-term patient outcomes after posterior cervical foraminotomy: an analysis of 151 cases. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 21, 727-31	2.8	49
330	Adjacent segment disease after anterior cervical discectomy and fusion: clinical outcomes after first repeat surgery versus second repeat surgery. <i>Spine</i> , <b>2014</b> , 39, 120-6	3.3	48
329	Comparison of Outcomes for Anterior Cervical Discectomy and Fusion With and Without Anterior Plate Fixation: A Systematic Review and Meta-Analysis. <i>Spine</i> , <b>2018</b> , 43, E413-E422	3.3	46
328	Predictors of Surgical Site Infection Following Craniotomy for Intracranial Neoplasms: An Analysis of Prospectively Collected Data in the American College of Surgeons National Surgical Quality Improvement Program Database. <i>World Neurosurgery</i> , <b>2016</b> , 88, 350-358	2.1	46
327	Spontaneous regression of sequestered lumbar disc herniations: Literature review. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 120, 136-41	2	46
326	Hospital transfer associated with increased mortality after endovascular revascularization for acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , <b>2017</b> , 9, 1166-1172	7.8	45
325	Minimally Invasive Surgery Versus Open Surgery Spinal Fusion for Spondylolisthesis: A Systematic Review and Meta-analysis. <i>Spine</i> , <b>2017</b> , 42, E177-E185	3.3	44
324	Long-term clinical outcomes following 3- and 4-level anterior cervical discectomy and fusion. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 24, 885-91	2.8	44
323	Epidural steroid injection resulting in epidural hematoma in a patient despite strict adherence to anticoagulation guidelines. <i>Journal of Neurosurgery: Spine</i> , <b>2009</b> , 11, 358-64	2.8	44
322	Smoking as an independent predictor of reoperation after lumbar laminectomy: a study of 500 cases. <i>Journal of Neurosurgery: Spine</i> , <b>2015</b> , 22, 288-93	2.8	42
321	Surgical complications following malignant brain tumor surgery: An analysis of 2002-2011 data. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 140, 6-10	2	42
320	The cost-effectiveness of interbody fusions versus posterolateral fusions in 137 patients with lumbar spondylolisthesis. <i>Spine Journal</i> , <b>2015</b> , 15, 492-8	4	41
319	Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity. <i>Neurosurgical Focus</i> , <b>2015</b> , 39, E8	4.2	40
318	Full-endoscopic versus micro-endoscopic and open discectomy: A systematic review and meta-analysis of outcomes and complications. <i>Clinical Neurology and Neurosurgery</i> , <b>2017</b> , 154, 1-12	2	38
317	Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. <i>Neurosurgery</i> , <b>2019</b> , 84, 919-926	3.2	36
316	Laminectomy alone versus fusion for grade 1 lumbar spondylolisthesis in 426 patients from the prospective Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 30, 234-241	2.8	36
315	Lumbar decompression in the elderly: increased age as a risk factor for complications and nonhome discharge. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 26, 353-362	2.8	35
314	Sacral fractures. <i>Neurosurgical Focus</i> , <b>2014</b> , 37, E12	4.2	35

313	Development of postoperative C5 palsy is associated with wider posterior decompressions: an analysis of 41 patients. <i>Spine Journal</i> , <b>2014</b> , 14, 2861-7	4	35
312	Liposomal bupivacaine incisional injection in single-level lumbar spine surgery. <i>Spine Journal</i> , <b>2016</b> , 16, 1305-1308	4	35
311	Adjacent segment disease after anterior cervical discectomy and fusion: Incidence and clinical outcomes of patients requiring anterior versus posterior repeat cervical fusion. <i>Surgical Neurology International</i> , <b>2014</b> , 5, S74-8	1	33
310	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> , <b>2020</b> , 95, 406-414	6.4	33
309	Safety and efficacy of pedicle screw placement using intraoperative computed tomography: consecutive series of 1148 pedicle screws. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 21, 320-8	2.8	32
308	Posterolateral fusion with interbody for lumbar spondylolisthesis is associated with less repeat surgery than posterolateral fusion alone. <i>Clinical Neurology and Neurosurgery</i> , <b>2015</b> , 138, 117-23	2	31
307	Safety of spinal decompression using an ultrasonic bone curette compared with a high-speed drill: outcomes in 337 patients. <i>Journal of Neurosurgery: Spine</i> , <b>2013</b> , 18, 627-33	2.8	31
306	Deep-wound and organ-space infection after surgery for degenerative spine disease: an analysis from 2006 to 2012. <i>Neurological Research</i> , <b>2016</b> , 38, 117-23	2.7	31
305	The natural history of complete spinal cord injury: a pooled analysis of 1162 patients and a meta-analysis of modern data. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 28, 436-443	2.8	29
304	Accuracy of C2 pedicle screw placement using the anatomic freehand technique. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 125, 24-7	2	29
303	Inadequacy of 3-month Oswestry Disability Index outcome for assessing individual longer-term patient experience after lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , <b>2016</b> , 25, 170-80	2.8	29
302	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> , <b>2020</b> , 86, 80-87 <sup>3.2</sup>		29
301	Predictors of Discharge to a Nonhome Facility in Patients Undergoing Lumbar Decompression Without Fusion for Degenerative Spine Disease. <i>Neurosurgery</i> , <b>2017</b> , 81, 638-649	3.2	28
300	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. <i>Journal of Neurosurgery: Spine</i> , <b>2015</b> , 22, 582-8	2.8	28
299	Impact of obesity on outcomes following lumbar spine surgery: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , <b>2019</b> , 177, 27-36	2	28
298	Impact of Age on Short-term Outcomes After Lumbar Fusion: An Analysis of 1395 Patients Stratified by Decade Cohorts. <i>Neurosurgery</i> , <b>2015</b> , 77, 347-53; discussion 353-4	3.2	27
297	The Potential of Minimally Invasive Surgery to Treat Metastatic Spinal Disease versus Open Surgery: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2018</b> , 112, e859-e868	2.1	26
296	Chronic low-back pain in adult with diabetes: NHANES 2009-2010. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 38-42	3.2	26

295	Women fare best following surgery for degenerative lumbar spondylolisthesis: a comparison of the most and least satisfied patients utilizing data from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , <b>2018</b> , 44, E3	4.2	25
294	Predictive model for long-term patient satisfaction after surgery for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , <b>2019</b> , 46, E12	4.2	25
293	Clinical presentation, natural history and outcomes of intramedullary spinal cord cavernous malformations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 695-703	5.5	25
292	A predictive model and nomogram for predicting return to work at 3 months after cervical spine surgery: an analysis from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , <b>2018</b> , 45, E9	4.2	25
291	Outcomes following surgical versus endovascular treatment of spinal dural arteriovenous fistula: a systematic review and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 1139-1146	5.5	24
290	Insurance correlates with improved access to care and outcome among glioblastoma patients. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 1374-1382	1	24
289	Correlations Between COVID-19 Cases and Google Trends Data in the United States: A State-by-State Analysis. <i>Mayo Clinic Proceedings</i> , <b>2020</b> , 95, 2370-2381	6.4	24
288	Predictors of 30-day perioperative morbidity and mortality of unruptured intracranial aneurysm surgery. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 149, 75-80	2	24
287	Allegations of Failure to Obtain Informed Consent in Spinal Surgery Medical Malpractice Claims. <i>JAMA Surgery</i> , <b>2017</b> , 152, e170544	5.4	23
286	Impact of preoperative diagnosis on patient satisfaction following lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , <b>2017</b> , 26, 709-715	2.8	23
285	Assessing the Difference in Clinical and Radiologic Outcomes Between Expandable Cage and Nonexpandable Cage Among Patients Undergoing Minimally Invasive Transforaminal Interbody Fusion: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2019</b> , 127, 596-606.e1	2.1	23
284	Incidence of sacral fractures and in-hospital postoperative complications in the United States: an analysis of 2002-2011 data. <i>Spine</i> , <b>2014</b> , 39, E1103-9	3.3	23
283	Does patient selection account for the perceived cost savings in outpatient spine surgery? A meta-analysis of current evidence and analysis from an administrative database. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 29, 687-695	2.8	23
282	Clinical and surgical outcomes after lumbar laminectomy: An analysis of 500 patients. <i>Surgical Neurology International</i> , <b>2015</b> , 6, S190-3	1	22
281	Discharge to a rehabilitation facility is associated with decreased 30-day readmission in elective spinal surgery. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 36, 37-42	2.2	21
280	Provider volume and short-term outcomes following surgery for spinal metastases. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 24, 43-6	2.2	21
279	Impact of Powdered Vancomycin on Preventing Surgical Site Infections in Neurosurgery: A Systematic Review and Meta-analysis. <i>Neurosurgery</i> , <b>2019</b> , 84, 569-580	3.2	21
278	Adjacent-segment disease in 511 cases of posterolateral instrumented lumbar arthrodesis: floating fusion versus distal construct including the sacrum. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 20, 380-6	2.8	21

277	Intramedullary spinal cord metastases: an institutional review of survival and outcomes. <i>Journal of Neuro-Oncology</i> , <b>2019</b> , 142, 347-354	4.8	20
276	Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery: A National Study of 33,674 Patients. <i>Spine</i> , <b>2019</b> , 44, 588-600	3.3	20
275	The use of stereotactic radiosurgery for the treatment of spinal axis tumors: a review. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 125, 166-72	2	20
274	Spinal decompression in achondroplastic patients using high-speed drill versus ultrasonic bone curette: technical note and outcomes in 30 cases. <i>Journal of Pediatric Orthopaedics</i> , <b>2014</b> , 34, 780-6	2.4	20
273	Perioperative complications in open versus percutaneous treatment of spinal fractures in patients with an ankylosed spine. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 30, 88-92	2.2	20
272	Incidence of Adjacent Segment Disease Requiring Reoperation After Lumbar Laminectomy Without Fusion: A Study of 398 Patients. <i>Neurosurgery</i> , <b>2016</b> , 78, 192-9	3.2	19
271	Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 24, 57-62	2.2	19
270	Open Versus Minimally Invasive Surgery for Extraforaminal Lumbar Disk Herniation: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2017</b> , 108, 924-938.e3	2.1	19
269	Post-surgical thoracic pseudomeningocele causing spinal cord compression. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 367-72	2.2	19
268	A comparison of minimally invasive transforaminal lumbar interbody fusion and decompression alone for degenerative lumbar spondylolisthesis. <i>Neurosurgical Focus</i> , <b>2019</b> , 46, E13	4.2	19
267	Risk factors for dural tears: a study of elective spine surgery. <i>Neurological Research</i> , <b>2017</b> , 39, 97-106	2.7	18
266	Should Multilevel Posterior Cervical Fusions Involving C7 Cross the Cervicothoracic Junction? A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , <b>2019</b> , 127, 588-595.e5	2.1	18
265	Measuring clinically relevant improvement after lumbar spine surgery: is it time for something new?. <i>Spine Journal</i> , <b>2020</b> , 20, 847-856	4	18
264	Outcomes following minimally invasive lateral transpsoas interbody fusion for degenerative low grade lumbar spondylolisthesis: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , <b>2018</b> , 167, 122-128	2	18
263	The Effect of Epidural Steroid Injections on Bone Mineral Density and Vertebral Fracture Risk: A Systematic Review and Critical Appraisal of Current Literature. <i>Pain Medicine</i> , <b>2018</b> , 19, 569-579	2.8	18
262	Diabetes and Back Pain: Markers of Diabetes Disease Progression Are Associated With Chronic Back Pain. <i>Clinical Diabetes</i> , <b>2017</b> , 35, 126-131	2.9	18
261	Thirty day postoperative outcomes following anterior lumbar interbody fusion using the National Surgical Quality Improvement Program database. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 143, 126-31 <sup>2</sup>		18
260	Management of major vascular injury during pedicle screw instrumentation of thoracolumbar spine. <i>Clinical Neurology and Neurosurgery</i> , <b>2017</b> , 163, 53-59	2	17



259	Radiation dose and image quality comparison during spine surgery with two different, intraoperative 3D imaging navigation systems. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 136-143	2.3	17
258	Concurrent neoadjuvant chemotherapy is an independent risk factor of stroke, all-cause morbidity, and mortality in patients undergoing brain tumor resection. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 1895-900	2.2	17
257	Preoperative motor strength and time to surgery are the most important predictors of improvement in foot drop due to degenerative lumbar disease. <i>Journal of the Neurological Sciences</i> , <b>2016</b> , 361, 133-6	3.2	17
256	Diagnosis and Treatment of Isolated Cerebral Mucormycosis: Patient-Level Data Meta-Analysis and Mayo Clinic Experience. <i>World Neurosurgery</i> , <b>2019</b> , 123, 425-434.e5	2.1	17
255	Effect of patients' functional status on satisfaction with outcomes 12 months after elective spine surgery for lumbar degenerative disease. <i>Spine Journal</i> , <b>2017</b> , 17, 1783-1793	4	16
254	Impact of occupational characteristics on return to work for employed patients after elective lumbar spine surgery. <i>Spine Journal</i> , <b>2019</b> , 19, 1969-1976	4	16
253	Increased Operative Time for Benign Cranial Nerve Tumor Resection Correlates with Increased Morbidity Postoperatively. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , <b>2016</b> , 77, 350-7	1.5	16
252	Office-Based Mesenchymal Stem Cell Therapy for the Treatment of Musculoskeletal Disease: A Systematic Review of Recent Human Studies. <i>Pain Medicine</i> , <b>2019</b> , 20, 1570-1583	2.8	16
251	Does Subcutaneous Infiltration of Liposomal Bupivacaine Following Single-Level Transforaminal Lumbar Interbody Fusion Surgery Improve Immediate Postoperative Pain Control?. <i>Asian Spine Journal</i> , <b>2018</b> , 12, 85-93	2.8	16
250	Morbid obesity increases risk of morbidity and reoperation in resection of benign cranial nerve neoplasms. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 148, 105-9	2	15
249	Is Patient Age Associated with Perioperative Outcomes After Surgical Resection of Benign Cranial Nerve Neoplasms?. <i>World Neurosurgery</i> , <b>2016</b> , 89, 101-7	2.1	15
248	The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 35, 42-46	2.2	15
247	Telemedicine Utilization in Neurosurgery During the COVID-19 Pandemic: A Glimpse Into the Future?. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2020</b> , 4, 736-744	3.1	15
246	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> , <b>2020</b> , 48, E2	4.2	14
245	Prognostic factors and survival in low grade gliomas of the spinal cord: A population-based analysis from 2006 to 2012. <i>Journal of Clinical Neuroscience</i> , <b>2019</b> , 61, 14-21	2.2	14
244	Spinal Meningioma Resection. <i>World Neurosurgery</i> , <b>2015</b> , 83, 1032-3	2.1	13
243	Anterior versus posterior approaches for thoracic disc herniation: Association with postoperative complications. <i>Clinical Neurology and Neurosurgery</i> , <b>2018</b> , 167, 17-23	2	13
242	Thirty-day postoperative morbidity and mortality after temporal lobectomy for medically refractory epilepsy. <i>Journal of Neurosurgery</i> , <b>2018</b> , 128, 1158-1164	3.2	13

241	Spinal ependymoma with regional metastasis at presentation. <i>Acta Neurochirurgica</i> , <b>2014</b> , 156, 1215-22	3	13
240	Surgical outcomes of craniocervical junction meningiomas: a series of 22 consecutive patients. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 117, 71-79	2	13
239	Increased Total Anesthetic Time Leads to Higher Rates of Surgical Site Infections in Spinal Fusions. <i>Spine</i> , <b>2017</b> , 42, E687-E690	3.3	13
238	The Effect of Smoking Status on Successful Arthrodesis After Lumbar Instrumentation Supplemented with rhBMP-2. <i>World Neurosurgery</i> , <b>2017</b> , 97, 459-464	2.1	12
237	Micro vs. macrodiscectomy: Does use of the microscope reduce complication rates?. <i>Clinical Neurology and Neurosurgery</i> , <b>2017</b> , 152, 28-33	2	12
236	The role of spinal fusion in the treatment of cervical synovial cysts: a series of 17 cases and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , <b>2014</b> , 21, 919-28	2.8	12
235	The impact of adding posterior instrumentation to transpsoas lateral fusion: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 30, 211-221	2.8	12
234	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> , <b>2020</b> , 87, 555-562	3.2	12
233	Prediction of Oswestry Disability Index (ODI) using PROMIS-29 in a national sample of lumbar spine surgery patients. <i>Quality of Life Research</i> , <b>2019</b> , 28, 2839-2850	3.7	11
232	Coma and Stroke Following Surgical Treatment of Unruptured Intracranial Aneurysm: An American College of Surgeons National Surgical Quality Improvement Program Study. <i>World Neurosurgery</i> , <b>2016</b> , 91, 272-8	2.1	11
231	Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases. <i>World Neurosurgery</i> , <b>2016</b> , 87, 110-5	2.1	11
230	An empiric analysis of 5 counter measures against surgical site infections following spine surgery-a pragmatic approach and review of the literature. <i>Spine Journal</i> , <b>2019</b> , 19, 267-275	4	11
229	Need for Two-Year Patient-Reported Outcomes Score for Lumbar Spine Surgery Is Procedure-Specific: Analysis From a Prospective Longitudinal Spine Registry. <i>Spine</i> , <b>2017</b> , 42, 1331-1338	3.3	11
228	Durotomy is associated with pseudoarthrosis following lumbar fusion. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 544-8	2.2	11
227	Fluorescent techniques in spine surgery. <i>Neurological Research</i> , <b>2014</b> , 36, 928-38	2.7	11
226	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> , <b>2020</b> , 20, 600-613	4	11
225	Teriparatide treatment increases Hounsfield units in the lumbar spine out of proportion to DEXA changes. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 1-6	2.8	11
224	FDA Regulation of Neurological and Physical Medicine Devices: Access to Safe and Effective Neurotechnologies for All Americans. <i>Neuron</i> , <b>2016</b> , 92, 943-948	13.9	11



223	Assessing the differences in outcomes between general and non-general anesthesia in spine surgery: Results from a national registry. <i>Clinical Neurology and Neurosurgery</i> , <b>2019</b> , 180, 79-86	2	10
222	Association Between Vitamin D Deficiency and Outcomes Following Spinal Fusion Surgery: A Systematic Review. <i>World Neurosurgery</i> , <b>2016</b> , 95, 71-76	2.1	10
221	Evaluating the Role of Adjuvant Radiotherapy in the Management of Sacral and Vertebral Chordoma: Results from a National Database. <i>World Neurosurgery</i> , <b>2019</b> , 127, e1137-e1144	2.1	9
220	Regression of an atlantoaxial rheumatoid pannus following posterior instrumented fusion. <i>Clinical Neurology and Neurosurgery</i> , <b>2015</b> , 137, 28-33	2	9
219	Presacral extramedullary hematopoiesis: an alternative hypothesis. <i>Journal of Clinical Neuroscience</i> , <b>2013</b> , 20, 1664-8	2.2	9
218	Predictors of patient satisfaction following 1- or 2-level anterior cervical discectomy and fusion: insights from the Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 1-9	2.8	9
217	Ischemic Optic Neuropathy Following Spine Surgery: Case Control Analysis and Systematic Review of the Literature. <i>Spine</i> , <b>2019</b> , 44, 1087-1096	3.3	9
216	Enterobacter Infection after Spine Surgery: An Institutional Experience. <i>World Neurosurgery</i> , <b>2019</b> , 123, e330-e337	2.1	9
215	Emergency Department Visits After Elective Spine Surgery. <i>Neurosurgery</i> , <b>2019</b> , 85, E258-E265	3.2	9
214	Artificial Discs in Cervical Disc Replacement: A Meta-Analysis for Comparison of Long-Term Outcomes. <i>World Neurosurgery</i> , <b>2020</b> , 134, 598-613.e5	2.1	9
213	Commentary: Utilization Trends of Cervical Disk Replacement in the United States. <i>Operative Neurosurgery</i> , <b>2018</b> , 15, 40-43	1.6	9
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48	A Giant Intramedullary Spinal Tumor. <i>World Neurosurgery</i> , <b>2021</b> , 157, 123-124	2.1	0
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