

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 vs. polyetheretherketone (PEEK) interbody fusion: Meta-analysis and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 23-29.	0.8	197
2	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> , 2017, 27, 357-369.	0.9	141
3	Augmented reality for the surgeon: Systematic review. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1914.	1.2	124
4	Risk of infection following posterior instrumented lumbar fusion for degenerative spine disease in 817 consecutive cases. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 45-52.	0.9	117
5	Incidence of Osteoporosis-Related Complications Following Posterior Lumbar Fusion. <i>Global Spine Journal</i> , 2018, 8, 563-569.	1.2	117
6	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> , 2010, 10, 820-826.	0.6	112
7	The Impact of Obesity on Short- and Long-term Outcomes After Lumbar Fusion. <i>Spine</i> , 2015, 40, 56-61.	1.0	109
8	Incidence and Prognostic Factors of C5 Palsy. <i>Neurosurgery</i> , 2014, 74, 595-605.	0.6	98
9	Defining the minimum clinically important difference for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2018, 44, E2.	1.0	93
10	Genetics Of Intracranial Aneurysms. <i>Neurosurgery</i> , 2007, 60, 213-226.	0.6	86
11	Operative Approaches for Lumbar Disc Herniation: A Systematic Review and Multiple Treatment Meta-Analysis of Conventional and Minimally Invasive Surgeries. <i>World Neurosurgery</i> , 2018, 114, 391-407.e2.	0.7	79
12	Comparison of Outcomes for Anterior Cervical Discectomy and Fusion With and Without Anterior Plate Fixation. <i>Spine</i> , 2018, 43, E413-E422.	1.0	79
13	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion in a Large Series. <i>Neurosurgery</i> , 2014, 74, 139-146.	0.6	77
14	Minimally invasive versus open fusion for Grade I degenerative lumbar spondylolisthesis: analysis of the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2017, 43, E11.	1.0	73
15	Spontaneous regression of sequestered lumbar disc herniations: Literature review. <i>Clinical Neurology and Neurosurgery</i> , 2014, 120, 136-141.	0.6	71
16	Full-endoscopic versus micro-endoscopic and open discectomy: A systematic review and meta-analysis of outcomes and complications. <i>Clinical Neurology and Neurosurgery</i> , 2017, 154, 1-12.	0.6	70
17	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
18	Impact of Smoking on Complication and Pseudarthrosis Rates After Single- and 2-Level Posterolateral Fusion of the Lumbar Spine. <i>Spine</i> , 2014, 39, 1765-1770.	1.0	65

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19	Hospital transfer associated with increased mortality after endovascular revascularization for acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1166-1172.	2.0	65
20	Long-term patient outcomes after posterior cervical foraminotomy: an analysis of 151 cases. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 727-731.	0.9	64
21	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> , 2017, 27, 370-381.	0.9	64
22	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> , 2016, 88, 350-358.	0.7	62
23	Long-term clinical outcomes following 3- and 4-level anterior cervical discectomy and fusion. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 885-891.	0.9	61
24	Molecular Genetic Analysis of Two Large Kindreds With Intracranial Aneurysms Demonstrates Linkage to 11q24-25 and 14q23-31. <i>Stroke</i> , 2006, 37, 1021-1027.	1.0	58
25	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2014, 39, 120-126.	1.0	58
26	Impact of obesity on outcomes following lumbar spine surgery: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 177, 27-36.	0.6	58
27	Impact of resident participation on morbidity and mortality in neurosurgical procedures: an analysis of 16,098 patients. <i>Journal of Neurosurgery</i> , 2015, 122, 955-961.	0.9	57
28	Minimally Invasive Surgery Versus Open Surgery Spinal Fusion for Spondylolisthesis. <i>Spine</i> , 2017, 42, E177-E185.	1.0	57
29	Surgical complications following malignant brain tumor surgery: An analysis of 2002-2011 data. <i>Clinical Neurology and Neurosurgery</i> , 2016, 140, 6-10.	0.6	56
30	Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. <i>Neurosurgery</i> , 2019, 84, 919-926.	0.6	56
31	Epidural steroid injection resulting in epidural hematoma in a patient despite strict adherence to anticoagulation guidelines. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 358-364.	0.9	55
32	Sacral fractures. <i>Neurosurgical Focus</i> , 2014, 37, E12.	1.0	55
33	Smoking as an independent predictor of reoperation after lumbar laminectomy: a study of 500 cases. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 288-293.	0.9	55
34	Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity. <i>Neurosurgical Focus</i> , 2015, 39, E8.	1.0	54
35	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
36	The cost-effectiveness of interbody fusions versus posterolateral fusions in 137 patients with lumbar spondylolisthesis. <i>Spine Journal</i> , 2015, 15, 492-498.	0.6	51

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37	Laminectomy alone versus fusion for grade 1 lumbar spondylolisthesis in 426 patients from the prospective Quality Outcomes Database. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 234-241.	0.9	49
38	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> , 2013, 18, 627-633.	0.9	48
39	Deep-wound and organ-space infection after surgery for degenerative spine disease: an analysis from 2006 to 2012. <i>Neurological Research</i> , 2016, 38, 117-123.	0.6	46
40	The Potential of Minimally Invasive Surgery to Treat Metastatic Spinal Disease versus Open Surgery: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018, 112, e859-e868.	0.7	46
41	Safety and efficacy of pedicle screw placement using intraoperative computed tomography: consecutive series of 1148 pedicle screws. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 320-328.	0.9	45
42	Liposomal bupivacaine incisional injection in single-level lumbar spine surgery. <i>Spine Journal</i> , 2016, 16, 1305-1308.	0.6	44
43	Allegations of Failure to Obtain Informed Consent in Spinal Surgery Medical Malpractice Claims. <i>JAMA Surgery</i> , 2017, 152, e170544.	2.2	44
44	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> , 2019, 127, 596-606.e1.	0.7	44
45	Measuring clinically relevant improvement after lumbar spine surgery: is it time for something new?. <i>Spine Journal</i> , 2020, 20, 847-856.	0.6	44
46	Posterolateral fusion with interbody for lumbar spondylolisthesis is associated with less repeat surgery than posterolateral fusion alone. <i>Clinical Neurology and Neurosurgery</i> , 2015, 138, 117-123.	0.6	43
47	Lumbar decompression in the elderly: increased age as a risk factor for complications and nonhome discharge. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 353-362.	0.9	43
48	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> , 2019, 90, 1139-1146.	0.9	43
49	Clinical presentation, natural history and outcomes of intramedullary spinal cord cavernous malformations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 695-703.	0.9	43
50	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 582-588.	0.9	41
51	Development of postoperative C5 palsy is associated with wider posterior decompressions: an analysis of 41 patients. <i>Spine Journal</i> , 2014, 14, 2861-2867.	0.6	40
52	Clinical and surgical outcomes after lumbar laminectomy: An analysis of 500 patients. , 2015, 6, 190.		40
53	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> , 2018, 28, 436-443.	0.9	39
54	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> , 2018, 29, 687-695.	0.9	39

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55	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> , 2018, 45, E9.	1.0	38
56	Chronic low-back pain in adult with diabetes: NHANES 2009–2010. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 38-42.	1.2	37
57	Intramedullary spinal cord metastases: an institutional review of survival and outcomes. <i>Journal of Neuro-Oncology</i> , 2019, 142, 347-354.	1.4	37
58	Adjacent segment disease after anterior cervical discectomy and fusion: Incidence and clinical outcomes of patients requiring anterior versus posterior repeat cervical fusion. , 2014, 5, 74.		36
59	Accuracy of C2 pedicle screw placement using the anatomic freehand technique. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 24-27.	0.6	36
60	Predictors of Discharge to a Nonhome Facility in Patients Undergoing Lumbar Decompression Without Fusion for Degenerative Spine Disease. <i>Neurosurgery</i> , 2017, 81, 638-649.	0.6	36
61	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
62	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> , 2019, 46, E12.	1.0	36
63	Insurance correlates with improved access to care and outcome among glioblastoma patients. <i>Neuro-Oncology</i> , 2018, 20, 1374-1382.	0.6	34
64	Impact of occupational characteristics on return to work for employed patients after elective lumbar spine surgery. <i>Spine Journal</i> , 2019, 19, 1969-1976.	0.6	34
65	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.	1.0	34
66	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> , 2016, 25, 170-180.	0.9	33
67	Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery. <i>Spine</i> , 2019, 44, 588-600.	1.0	33
68	A comparison of minimally invasive transforaminal lumbar interbody fusion and decompression alone for degenerative lumbar spondylolisthesis. <i>Neurosurgical Focus</i> , 2019, 46, E13.	1.0	33
69	Impact of Age on Short-term Outcomes After Lumbar Fusion. <i>Neurosurgery</i> , 2015, 77, 347-354.	0.6	32
70	Predictors of 30-day perioperative morbidity and mortality of unruptured intracranial aneurysm surgery. <i>Clinical Neurology and Neurosurgery</i> , 2016, 149, 75-80.	0.6	31
71	Open Versus Minimally Invasive Surgery for Extraforaminal Lumbar Disk Herniation: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2017, 108, 924-938.e3.	0.7	31
72	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> , 2019, 20, 136-145.	0.8	31

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73	Outcomes following minimally invasive lateral transpsoas interbody fusion for degenerative low grade lumbar spondylolisthesis: A systematic review. <i>Clinical Neurology and Neurosurgery</i> , 2018, 167, 122-128.	0.6	30
74	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> , 2018, 44, E3.	1.0	30
75	Impact of Powdered Vancomycin on Preventing Surgical Site Infections in Neurosurgery: A Systematic Review and Meta-analysis. <i>Neurosurgery</i> , 2019, 84, 569-580.	0.6	30
76	Spinal Decompression in Achondroplastic Patients Using High-Speed Drill Versus Ultrasonic Bone Curette. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 780-786.	0.6	29
77	Incidence of Sacral Fractures and In-Hospital Postoperative Complications in the United States. <i>Spine</i> , 2014, 39, E1103-E1109.	1.0	29
78	Perioperative complications in open versus percutaneous treatment of spinal fractures in patients with an ankylosed spine. <i>Journal of Clinical Neuroscience</i> , 2016, 30, 88-92.	0.8	29
79	Risk factors for dural tears: a study of elective spine surgery. <i>Neurological Research</i> , 2017, 39, 97-106.	0.6	29
80	Should Multilevel Posterior Cervical Fusions Involving C7 Cross the Cervicothoracic Junction? A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 127, 588-595.e5.	0.7	28
81	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> , 2014, 20, 380-386.	0.9	27
82	Incidence of Adjacent Segment Disease Requiring Reoperation After Lumbar Laminectomy Without Fusion. <i>Neurosurgery</i> , 2016, 78, 192-199.	0.6	27
83	Discharge to a rehabilitation facility is associated with decreased 30-day readmission in elective spinal surgery. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 37-42.	0.8	27
84	Provider volume and short-term outcomes following surgery for spinal metastases. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 43-46.	0.8	26
85	Diabetes and Back Pain: Markers of Diabetes Disease Progression Are Associated With Chronic Back Pain. <i>Clinical Diabetes</i> , 2017, 35, 126-131.	1.2	26
86	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> , 2016, 361, 133-136.	0.3	25
87	Impact of preoperative diagnosis on patient satisfaction following lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 709-715.	0.9	25
88	The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 42-46.	0.8	25
89	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> , 2018, 19, 569-579.	0.9	25
90	Average Lumbar Hounsfield Units Predicts Osteoporosis-Related Complications Following Lumbar Spine Fusion. <i>Global Spine Journal</i> , 2022, 12, 851-857.	1.2	25

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91	Why are patients dissatisfied after spine surgery when improvements in disability and pain are clinically meaningful?. <i>Spine Journal</i> , 2020, 20, 1535-1543.	0.6	25
92	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
93	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
94	Post-surgical thoracic pseudomeningocele causing spinal cord compression. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 367-372.	0.8	24
95	The use of stereotactic radiosurgery for the treatment of spinal axis tumors: A review. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 166-172.	0.6	24
96	Thirty day postoperative outcomes following anterior lumbar interbody fusion using the national surgical quality improvement program database. <i>Clinical Neurology and Neurosurgery</i> , 2016, 143, 126-131.	0.6	24
97	Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 57-62.	0.8	24
98	Thirty-day postoperative morbidity and mortality after temporal lobectomy for medically refractory epilepsy. <i>Journal of Neurosurgery</i> , 2018, 128, 1158-1164.	0.9	24
99	Prediction of Oswestry Disability Index (ODI) using PROMIS-29 in a national sample of lumbar spine surgery patients. <i>Quality of Life Research</i> , 2019, 28, 2839-2850.	1.5	23
100	Diagnosis and Treatment of Isolated Cerebral Mucormycosis: Patient-Level Data Meta-Analysis and Mayo Clinic Experience. <i>World Neurosurgery</i> , 2019, 123, 425-434.e5.	0.7	23
101	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.	1.2	23
102	Management of major vascular injury during pedicle screw instrumentation of thoracolumbar spine. <i>Clinical Neurology and Neurosurgery</i> , 2017, 163, 53-59.	0.6	22
103	Does Subcutaneous Infiltration of Liposomal Bupivacaine Following Single-Level Transforaminal Lumbar Interbody Fusion Surgery Improve Immediate Postoperative Pain Control?. <i>Asian Spine Journal</i> , 2018, 12, 85-93.	0.8	22
104	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> , 2019, 61, 14-21.	0.8	22
105	Morbidity and mortality in elderly patients undergoing evacuation of acute traumatic subdural hematoma. <i>Neurosurgical Focus</i> , 2020, 49, E22.	1.0	22
106	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
107	Effect of patients' functional status on satisfaction with outcomes 12 months after elective spine surgery for lumbar degenerative disease. <i>Spine Journal</i> , 2017, 17, 1783-1793.	0.6	21
108	Anterior versus posterior approaches for thoracic disc herniation: Association with postoperative complications. <i>Clinical Neurology and Neurosurgery</i> , 2018, 167, 17-23.	0.6	21

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109	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
110	Association Between Vitamin D Deficiency and Outcomes Following Spinal Fusion Surgery: A Systematic Review. <i>World Neurosurgery</i> , 2016, 95, 71-76.	0.7	20
111	Office-Based Mesenchymal Stem Cell Therapy for the Treatment of Musculoskeletal Disease: A Systematic Review of Recent Human Studies. <i>Pain Medicine</i> , 2019, 20, 1570-1583.	0.9	20
112	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
113	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> , 2014, 21, 1895-1900.	0.8	19
114	Spinal Meningioma Resection. <i>World Neurosurgery</i> , 2015, 83, 1032-1033.	0.7	19
115	Increased Operative Time for Benign Cranial Nerve Tumor Resection Correlates with Increased Morbidity Postoperatively. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2016, 77, 350-357.	0.4	19
116	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
117	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
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	The impact of adding posterior instrumentation to transposas lateral fusion: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 211-221.	0.9	19
120	Is Patient Age Associated with Perioperative Outcomes After Surgical Resection of Benign Cranial Nerve Neoplasms?. <i>World Neurosurgery</i> , 2016, 89, 101-107.	0.7	18
121	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> , 2019, 180, 79-86.	0.6	18
122	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
123	Increased Total Anesthetic Time Leads to Higher Rates of Surgical Site Infections in Spinal Fusions. <i>Spine</i> , 2017, 42, E687-E690.	1.0	18
124	Surgical outcomes of craniocervical junction meningiomas: A series of 22 consecutive patients. <i>Clinical Neurology and Neurosurgery</i> , 2014, 117, 71-79.	0.6	17
125	Primary intradural Ewing's sarcoma of the spine: a systematic review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2019, 177, 12-19.	0.6	17
126	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.	1.0	17

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127	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
128	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> , 2014, 21, 919-928.	0.9	16
129	Spinal ependymoma with regional metastasis at presentation. <i>Acta Neurochirurgica</i> , 2014, 156, 1215-1222.	0.9	16
130	Morbid obesity increases risk of morbidity and reoperation in resection of benign cranial nerve neoplasms. <i>Clinical Neurology and Neurosurgery</i> , 2016, 148, 105-109.	0.6	16
131	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> , 2016, 91, 272-278.	0.7	16
132	Comparing outcomes of fusion versus repeat discectomy for recurrent lumbar disc herniation: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2018, 171, 70-78.	0.6	16
133	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> , 2019, 19, 267-275.	0.6	16
134	Anterior Cervical Corpectomy and Fusion Versus Anterior Cervical Discectomy and Fusion for Treatment of Multilevel Cervical Spondylotic Myelopathy: Insights from a National Registry. <i>World Neurosurgery</i> , 2019, 132, e852-e861.	0.7	16
135	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
136	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
137	Durotomy is associated with pseudoarthrosis following lumbar fusion. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 544-548.	0.8	15
138	Emergency Department Visits After Elective Spine Surgery. <i>Neurosurgery</i> , 2019, 85, E258-E265.	0.6	15
139	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
140	Lumbar intervertebral disc mRNA sequencing identifies the regulatory pathway in patients with disc herniation and spondylolisthesis. <i>Gene</i> , 2020, 750, 144634.	1.0	15
141	Fluorescent techniques in spine surgery. <i>Neurological Research</i> , 2014, 36, 928-938.	0.6	14
142	The Effect of Smoking Status on Successful Arthrodesis After Lumbar Instrumentation Supplemented with rhBMP-2. <i>World Neurosurgery</i> , 2017, 97, 459-464.	0.7	14
143	Micro vs. macrodiscectomy: Does use of the microscope reduce complication rates?. <i>Clinical Neurology and Neurosurgery</i> , 2017, 152, 28-33.	0.6	14
144	Big Data Defined: A Practical Review for Neurosurgeons. <i>World Neurosurgery</i> , 2020, 133, e842-e849.	0.7	14

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145	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.	1.4	14
146	FDA Regulation of Neurological and Physical Medicine Devices: Access to Safe and Effective Neurotechnologies for All Americans. <i>Neuron</i> , 2016, 92, 943-948.	3.8	13
147	Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases. <i>World Neurosurgery</i> , 2016, 87, 110-115.	0.7	13
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