

Edward C Benzel

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

6,862
citations

38742

50
h-index

66911

78
g-index

167
all docs

167
docs citations

167
times ranked

4639
citing authors

#	ARTICLE	IF	CITATIONS
1	Laminectomy plus Fusion versus Laminectomy Alone for Lumbar Spondylolisthesis. <i>New England Journal of Medicine</i> , 2016, 374, 1424-1434.	27.0	596
2	Cervical Laminectomy and Dentate Ligament Section for Cervical Spondylotic Myelopathy. <i>Journal of Spinal Disorders</i> , 1991, 4, 286-295.	1.1	443
3	Bone-mounted Miniature Robotic Guidance for Pedicle Screw and Translaminar Facet Screw Placement. <i>Neurosurgery</i> , 2006, 59, 641-650.	1.1	172
4	Fractures of the C-2 vertebral body. <i>Journal of Neurosurgery</i> , 1994, 81, 206-212.	1.6	162
5	Prospective outcomes evaluation after decompression with or without instrumented fusion for lumbar stenosis and degenerative Grade I spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2004, 1, 267-272.	1.7	158
6	Magnetic resonance imaging for the evaluation of patients with occult cervical spine injury. <i>Journal of Neurosurgery</i> , 1996, 85, 824-829.	1.6	156
7	CERVICAL SPONDYLOSIS ANATOMY. <i>Neurosurgery</i> , 2007, 60, S1-7-S1-13.	1.1	155
8	Pseudoarthrosis rates in anterior cervical discectomy and fusion: a meta-analysis. <i>Spine Journal</i> , 2015, 15, 2016-2027.	1.3	145
9	Postoperative Cervical Sagittal Imbalance Negatively Affects Outcomes After Surgery for Cervical Spondylotic Myelopathy. <i>Spine</i> , 2014, 39, 2070-2077.	2.0	122
10	Radiographic predictors of delayed instability following decompression without fusion for degenerative Grade I lumbar spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 340-346.	1.7	118
11	Comparative Effectiveness of Ventral vs Dorsal Surgery for Cervical Spondylotic Myelopathy. <i>Neurosurgery</i> , 2011, 68, 622-631.	1.1	112
12	Stretch-associated injury in cervical spondylotic myelopathy: new concept and review. <i>Neurosurgery</i> , 2005, 56, 1101-13; discussion 1101-13.	1.1	112
13	Cervical spondylotic myelopathy: make the difficult diagnosis, then refer for surgery.. <i>Cleveland Clinic Journal of Medicine</i> , 2003, 70, 899-904.	1.3	105
14	C1-C2 Pedicle Screw Fixation with Rigid Cantilever Beam Construct: Case Report and Technical Note. <i>Neurosurgery</i> , 2002, 50, 426-428.	1.1	100
15	A Biomechanical Comparison of Facet Screw Fixation and Pedicle Screw Fixation. <i>Spine</i> , 2003, 28, 1226-1234.	2.0	97
16	Transoral and transnasal odontoidectomy complications: A systematic review and meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2016, 148, 121-129.	1.4	97
17	Civilian Craniocerebral Gunshot Wounds. <i>Neurosurgery</i> , 1991, 29, 67-72.	1.1	92
18	Lateral Extracavitary Approach for Thoracic and Thoracolumbar Spine Trauma: Operative Complications. <i>Neurosurgery</i> , 1998, 43, 796-802.	1.1	89

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19	Civilian Gunshot Wounds to the Spinal Cord and Cauda Equina. <i>Neurosurgery</i> , 1987, 20, 281-285.	1.1	88
20	Evidence for Cerebellar-Frontal Subsystem Changes in Children Treated With Intrathecal Chemotherapy for Leukemia. <i>Archives of Neurology</i> , 1998, 55, 1561.	4.5	87
21	Effect of Ventral vs Dorsal Spinal Surgery on Patient-Reported Physical Functioning in Patients With Cervical Spondylotic Myelopathy. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 942.	7.4	87
22	The impact of preoperative depression on quality of life outcomes after lumbar surgery. <i>Spine Journal</i> , 2015, 15, 58-64.	1.3	83
23	Magnetic source imaging and brain surgery: presurgical and intraoperative planning in 26 patients. <i>Journal of Neurosurgery</i> , 2000, 92, 79-90.	1.6	77
24	Differences in the surgical treatment of recurrent lumbar disc herniation among spine surgeons in the United States. <i>Spine Journal</i> , 2014, 14, 2334-2343.	1.3	74
25	Reoperation rates after anterior cervical discectomy and fusion versus posterior cervical foraminotomy: a propensity-matched analysis. <i>Spine Journal</i> , 2015, 15, 1277-1283.	1.3	74
26	The metabolic response to spinal cord injury. <i>Spinal Cord</i> , 1997, 35, 599-604.	1.9	72
27	Variations in cost calculations in spine surgery cost-effectiveness research. <i>Neurosurgical Focus</i> , 2014, 36, E1.	2.3	72
28	Functional Recovery after Decompressive Spine Operation for Cervical Spine Fractures. <i>Neurosurgery</i> , 1987, 20, 742-746.	1.1	71
29	Correlation between Sex Hormone Binding and Peritumoral Edema in Intracranial Meningiomas. <i>Neurosurgery</i> , 1988, 23, 169-174.	1.1	70
30	Impact of Increased Body Mass Index on Outcomes of Elective Spinal Surgery. <i>Spine</i> , 2014, 39, 1520-1530.	2.0	69
31	Bone-mounted Miniature Robotic Guidance for Pedicle Screw and Translaminar Facet Screw Placement: Part 2—Evaluation of System Accuracy. <i>Operative Neurosurgery</i> , 2007, 60, ONS-129-ONS-139.	0.8	68
32	Fascia Lata Graft as a Dural Substitute in Neurosurgery. <i>Southern Medical Journal</i> , 1990, 83, 634-636.	0.7	66
33	Anatomy of the Thoracic Pedicle. <i>Neurosurgery</i> , 1995, 37, 303-308.	1.1	66
34	Nonoperative Management of Vertical C2 Body Fractures. <i>Neurosurgery</i> , 2005, 56, 516-521.	1.1	66
35	Lateral Extracavitary, Costotransversectomy, and Transthoracic Thoracotomy Approaches to the Thoracic Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 222-232.	1.9	65
36	Optimal Duration of Conservative Management Prior to Surgery for Cervical and Lumbar Radiculopathy: A Literature Review. <i>Global Spine Journal</i> , 2014, 4, 279-286.	2.3	64

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37	Regional instability following cervicothoracic junction surgery. Journal of Neurosurgery: Spine, 2006, 4, 278-284.	1.7	61
38	The Influence of Race on Short-term Outcomes After Laminectomy and/or Fusion Spine Surgery. Spine, 2017, 42, 34-41.	2.0	59
39	Adjacent segment disease perspective and review of the literature. Ochsner Journal, 2014, 14, 78-83.	1.1	59
40	Posterior cervical interspinous compression wiring and fusion for mid to low cervical spinal injuries. Journal of Neurosurgery, 1989, 70, 893-899.	1.6	57
41	The Management of Unilateral Lateral Mass/Facet Fractures of the Subaxial Cervical Spine. Spine, 1997, 22, 2614-2621.	2.0	57
42	Rates of anterior cervical discectomy and fusion after initial posterior cervical foraminotomy. Spine Journal, 2015, 15, 971-976.	1.3	56
43	Magnetic Source Imaging. Neurosurgery, 1993, 33, 252-259.	1.1	55
44	Cervical facet dislocation: techniques for ventral reduction and stabilization. Journal of Neurosurgery: Spine, 2000, 92, 18-23.	1.7	55
45	Ventral Versus Dorsal Decompression for Cervical Spondylotic Myelopathy: Surgeons' Assessment of Eligibility for Randomization in a Proposed Randomized Controlled Trial. Spine, 2007, 32, 429-436.	2.0	55
46	The lateral extracavitary approach to the spine using the three-quarter prone position. Journal of Neurosurgery, 1989, 71, 837-841.	1.6	54
47	Cervical arthroplasty: a critical review of the literature. Spine Journal, 2014, 14, 2231-2245.	1.3	54
48	A comparison of the Minerva and halo jackets for stabilization of the cervical spine. Journal of Neurosurgery, 1989, 70, 411-414.	1.6	53
49	Validation of a Translated Version of the Modified Japanese Orthopaedic Association Score to Assess Outcomes in Cervical Spondylotic Myelopathy. Neurosurgery, 2010, 66, 1013-1016.	1.1	53
50	Arthroplasty Versus Fusion in Single-Level Cervical Degenerative Disc Disease. Spine, 2013, 38, E1096-E1107.	2.0	52
51	Minimally Invasive versus Open Cervical Foraminotomy: A Systematic Review. Global Spine Journal, 2011, 1, 009-014.	2.3	51
52	Biomechanical comparison of adjacent segmental motion after ventral cervical fixation with varying angles of lordosis. Spine Journal, 2007, 7, 216-221.	1.3	49
53	Predicting C5 palsy via the use of preoperative anatomic measurements. Spine Journal, 2014, 14, 1895-1901.	1.3	49
54	CERVICAL SPINE REOPERATION RATES AND HOSPITAL RESOURCE UTILIZATION AFTER INITIAL SURGERY FOR DEGENERATIVE CERVICAL SPINE DISEASE IN 12 338 PATIENTS IN WASHINGTON STATE. Neurosurgery, 2009, 65, 1011-1023.	1.1	48

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55	Cervical Spondylotic Myelopathy Surgical Trial. <i>Neurosurgery</i> , 2014, 75, 334-346.	1.1	47
56	Magnetic resonance imaging evaluation of the cervical spine in the comatose or obtunded trauma patient. <i>Journal of Neurosurgery: Spine</i> , 1999, 91, 54-59.	1.7	46
57	The impact of preoperative depression on quality of life outcomes after posterior cervical fusion. <i>Spine Journal</i> , 2015, 15, 79-85.	1.3	46
58	C5 palsy after posterior cervical decompression and fusion: cost and quality-of-life implications. <i>Spine Journal</i> , 2014, 14, 2854-2860.	1.3	45
59	Adjacent segment degeneration and disease following cervical arthroplasty: a systematic review and meta-analysis. <i>Spine Journal</i> , 2016, 16, 168-181.	1.3	45
60	MULTIPLE LEVEL DISCECTOMY AND FUSION. <i>Neurosurgery</i> , 2007, 60, S1-143-S1-148.	1.1	42
61	Cost-Utility Analysis of Anterior Cervical Discectomy and Fusion With Plating (ACDFP) Versus Posterior Cervical Foraminotomy (PCF) for Patients With Single-level Cervical Radiculopathy at 1-Year Follow-up. <i>Clinical Spine Surgery</i> , 2016, 29, E67-E72.	1.3	42
62	Ventral correction of postsurgical cervical kyphosis. <i>Journal of Neurosurgery: Spine</i> , 2003, 98, 1-7.	1.7	40
63	Independent predictors of a clinically significant improvement after lumbar fusion surgery. <i>Spine Journal</i> , 2017, 17, 236-243.	1.3	39
64	Differences in the Surgical Treatment of Lower Back Pain Among Spine Surgeons in the United States. <i>Spine</i> , 2016, 41, 978-986.	2.0	38
65	National Trends in Demographics and Outcomes Following Cervical Fusion for Cervical Spondylotic Myelopathy. <i>Global Spine Journal</i> , 2018, 8, 244-253.	2.3	35
66	The Impact of Preoperative Depression and Health State on Quality-of-Life Outcomes after Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2016, 6, 306-313.	2.3	34
67	Superior Segment Facet Joint Violation During Instrumented Lumbar Fusion is Associated With Higher Reoperation Rates and Diminished Improvement in Quality of Life. <i>Clinical Spine Surgery</i> , 2018, 31, E36-E41.	1.3	33
68	Surgery vs Conservative Care for Cervical Spondylotic Myelopathy. <i>Neurosurgery</i> , 2015, 62, 56-61.	1.1	32
69	Impact of Preoperative Depression on Hospital Consumer Assessment of Healthcare Providers and Systems Survey Results in a Lumbar Fusion Population. <i>Spine</i> , 2017, 42, 675-681.	2.0	31
70	The Role of Early Tracheotomy in the Management of the Neurosurgical Patient. <i>Laryngoscope</i> , 1992, 102, 559-562.	2.0	30
71	Lateral Extracavitary vs Costotransversectomy Approaches to the Thoracic Spine. <i>Neurosurgery</i> , 2012, 71, 1096-1102.	1.1	30
72	Biomechanics of the lower thoracic spine after decompression and fusion: a cadaveric analysis. <i>Spine Journal</i> , 2014, 14, 2216-2223.	1.3	29

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73	Quality of Life and Cost Implications of Pseudarthrosis After Anterior Cervical Discectomy and Fusion and its Subsequent Revision Surgery. <i>World Neurosurgery</i> , 2020, 133, e592-e599.	1.3	29
74	Short-segment compression instrumentation for selected thoracic and lumbar spine fractures: the short-rod/two-claw technique. <i>Journal of Neurosurgery</i> , 1993, 79, 335-340.	1.6	28
75	Spine Surgeon Treatment Variability: The Impact on Costs. <i>Global Spine Journal</i> , 2018, 8, 498-506.	2.3	28
76	Lumbar Dorsal Root Ganglia Location: An Anatomic and MRI Assessment. <i>International Journal of Spine Surgery</i> , 2015, 9, 3.	1.5	28
77	Sensitivity of magnetic resonance imaging in the diagnosis of mobile and nonmobile L4-L5 degenerative spondylolisthesis. <i>Spine Journal</i> , 2015, 15, 1956-1962.	1.3	26
78	Preoperative Nomograms Predict Patient-Specific Cervical Spine Surgery Clinical and Quality of Life Outcomes. <i>Neurosurgery</i> , 2018, 83, 104-113.	1.1	24
79	A Comparison of Fluoroscopy and Computed Tomography-derived Volumetric Multiple Exposure Transmission Holography for the Guidance of Lumbar Pedicle Screw Insertion. <i>Neurosurgery</i> , 1995, 37, 711-716.	1.1	23
80	MRI morphometry of mamillary bodies, caudate nuclei, and prefrontal cortices after chemotherapy for childhood leukemia: Multivariate models of early and late developing memory subsystems.. <i>Behavioral Neuroscience</i> , 1999, 113, 439-450.	1.2	23
81	PATHOANATOMIC BASIS FOR STRETCH-INDUCED LUMBAR NERVE ROOT INJURY WITH A REVIEW OF THE LITERATURE. <i>Neurosurgery</i> , 2009, 65, 161-168.	1.1	23
82	Anatomy and biomechanics of the spinal column and cord. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 109, 31-43.	1.8	23
83	Progression free survival and functional outcome after surgical resection of intramedullary ependymomas. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1933-1937.	1.5	21
84	Variability in Surgical Treatment of Spondylolisthesis Among Spine Surgeons. <i>World Neurosurgery</i> , 2018, 111, e564-e572.	1.3	21
85	Cost and quality of life outcome analysis of postoperative infections after posterior lumbar decompression and fusion. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 105-110.	1.5	21
86	Operative Stabilization of the Posttraumatic Thoracic and Lumbar Spine: A Comparative Analysis of the Harrington Distraction Rod and the Modified Weiss Spring. <i>Neurosurgery</i> , 1986, 19, 378-385.	1.1	20
87	Magnetic resonance imaging evaluation of acute spine trauma. <i>Emergency Radiology</i> , 1995, 2, 120-128.	1.8	19
88	Occipitocervical Fusion in an Infant with Atlantooccipital Dislocation. <i>World Neurosurgery</i> , 2012, 78, 715.e17-715.e24.	1.3	19
89	The impact of diabetes upon quality of life outcomes after lumbar decompression. <i>Spine Journal</i> , 2016, 16, 714-721.	1.3	18
90	Biomechanical evaluation of the craniovertebral junction after unilateral joint-sparing condylectomy: implications for the far lateral approach revisited. <i>Journal of Neurosurgery</i> , 2017, 127, 829-836.	1.6	18

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91	Predictors of outcomes and hospital charges following atlantoaxial fusion. <i>Spine Journal</i> , 2016, 16, 608-618.	1.3	17
92	Redefining lumbar spinal stenosis as a developmental syndrome: an MRI-based multivariate analysis of findings in 709 patients throughout the 16- to 82-year age spectrum. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 654-660.	1.7	17
93	Sagittal balance of the cervical spine: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2021, 30, 1411-1439.	2.2	17
94	Propensity-matched Analysis of Outcomes and Hospital Charges for Anterior Versus Posterior Cervical Fusion for Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2017, 30, E1262-E1268.	1.3	16
95	Cervical spine surgery for tandem spinal stenosis: The impact on low back pain. <i>Clinical Neurology and Neurosurgery</i> , 2018, 166, 50-53.	1.4	16
96	Patient-specific prediction model for clinical and quality-of-life outcomes after lumbar spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 580-588.	1.7	16
97	Quality of life outcomes following cervical decompression for coexisting Parkinson's disease and cervical spondylotic myelopathy. <i>Spine Journal</i> , 2016, 16, 1358-1366.	1.3	15
98	Molecular and clinical prognostic factors for favorable outcome following surgical resection of adult intramedullary spinal cord astrocytomas. <i>Clinical Neurology and Neurosurgery</i> , 2016, 144, 82-87.	1.4	15
99	Scoring System to Triage Patients for Spine Surgery in the Setting of Limited Resources: Application to the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond. <i>World Neurosurgery</i> , 2020, 140, e373-e380.	1.3	15
100	Radiologic and clinical characteristics of vertebral fractures in multiple myeloma. <i>Spine Journal</i> , 2015, 15, 2149-2156.	1.3	14
101	Open-Door Cervical Laminoplasty with Preservation of Posterior Structures. <i>Global Spine Journal</i> , 2012, 2, 015-020.	2.3	12
102	Clinical outcomes following surgical management of coexistent cervical stenosis and multiple sclerosis: a cohort-controlled analysis. <i>Spine Journal</i> , 2014, 14, 331-337.	1.3	12
103	Histological Comparison of Autogenous Canine Fascia Lata, Gore-Tex, Lyophilized Human Fascia Lata, and Autogenous Canine Vein for Vascular Patch Graft Material in a Canine Arteriotomy Model. <i>Neurosurgery</i> , 1992, 31, 108-113.	1.1	12
104	Penetrating Spinal Injuries. <i>Neurosurgery Quarterly</i> , 2004, 14, 217-223.	0.1	11
105	Ventral fusion versus dorsal fusion: determining the optimal treatment for cervical spondylotic myelopathy. <i>Neurosurgical Focus</i> , 2013, 35, E5.	2.3	10
106	Quality of life changes after lumbar decompression in patients with tandem spinal stenosis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105455.	1.4	10
107	Posterior Atlantoaxial Fixation with Screw-Rod Constructs: Safety, Advantages, and Shortcomings. <i>World Neurosurgery</i> , 2014, 81, 288-289.	1.3	9
108	Cervical Total Disk Arthroplasty. <i>Clinical Spine Surgery</i> , 2018, 31, 6-13.	1.3	9

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109	Assessment of postoperative outcomes in spinal epidural abscess following surgical decompression. <i>Spine Journal</i> , 2019, 19, 888-895.	1.3	9
110	Biomechanics of Cervical Spine Surgery for Tumor and Degenerative Diseases. <i>Neurologia Medico-Chirurgica</i> , 1997, 37, 583-593.	2.2	8
111	Thoracic transfacet pedicle screw fixation: a new instrumentation technique. <i>Journal of Neurosurgery: Spine</i> , 2005, 3, 224-229.	1.7	8
112	Prediction of quality of life improvements in patients with lumbar stenosis following use of membrane stabilizing agents. <i>Clinical Neurology and Neurosurgery</i> , 2015, 139, 234-240.	1.4	8
113	Predicting the progression of vertebral fractures in patients with multiple myeloma. <i>Spine Journal</i> , 2016, 16, 510-515.	1.3	8
114	Clinical Outcomes Following Surgical Management of Coexisting Parkinson Disease and Cervical Spondylotic Myelopathy. <i>Neurosurgery</i> , 2017, 81, 350-356.	1.1	8
115	The impact of decompression with instrumentation on local failure following spine stereotactic radiosurgery. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 436-443.	1.7	8
116	The effect of C2-C3 disc angle on postoperative adverse events in cervical spondylotic myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 38-45.	1.7	8
117	Radiographic progression of vertebral fractures in patients with multiple myeloma. <i>Spine Journal</i> , 2016, 16, 822-832.	1.3	7
118	Disparities in reportable quality metrics by insurance status in the primary spine neoplasm population. <i>Spine Journal</i> , 2017, 17, 244-251.	1.3	7
119	Histological Comparison of Autogenous Canine Fascia Lata, Gore-Tex, Lyophilized Human Fascia Lata, and Autogenous Canine Vein for Vascular Patch Graft Material in a Canine Arteriotomy Model. <i>Neurosurgery</i> , 1992, 31, 108-113.	1.1	6
120	Obesity in Cervical Spine Surgery. <i>World Neurosurgery</i> , 2014, 82, e147-e148.	1.3	6
121	C1-C2 Fusion: Promoting Stability, Reducing Morbidity. <i>World Neurosurgery</i> , 2014, 82, 1052-1054.	1.3	6
122	More on Fusion Surgery for Lumbar Spinal Stenosis. <i>New England Journal of Medicine</i> , 2016, 375, 1806-1807.	27.0	6
123	Lumbar Spinal Fusion Reduces Risk of Re-Operation After Laminectomy for Lumbar Spinal Stenosis Associated With Grade I Degenerative Spondylolisthesis: Initial Results From the SLIP Trial. <i>Neurosurgery</i> , 2010, 67, 542-543.	1.1	5
124	Comparative effectiveness research in spine surgery. <i>Neurosurgical Focus</i> , 2012, 33, E2.	2.3	4
125	A quantitative analysis of posterolateral approaches to the ventral thoracic spinal canal. <i>Spine Journal</i> , 2015, 15, 2228-2238.	1.3	4
126	Utility of Computed Tomography following Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2015, 5, 411-416.	2.3	4

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127	Comparing the short-term cost-effectiveness of epidural steroid injections and medical management alone for discogenic lumbar radiculopathy. <i>Clinical Neurology and Neurosurgery</i> , 2020, 191, 105675.	1.4	4
128	Biomechanics of the spinal cord. <i>Seminars in Spine Surgery</i> , 2005, 17, 13-18.	0.2	3
129	Cervical Spine Arthroplasty. <i>Neurosurgery</i> , 2012, 59, 82-90.	1.1	3
130	Introduction: Cervical spondylotic myelopathy. <i>Neurosurgical Focus</i> , 2013, 35, Introduction.	2.3	3
131	Membrane-Stabilizing Agents Improve Quality-of-Life Outcomes for Patients with Lumbar Stenosis. <i>Global Spine Journal</i> , 2016, 6, 139-146.	2.3	3
132	Stem cell injection-induced glioneuronal lesion of the cauda equina. <i>Neurology</i> , 2018, 90, 613-615.	1.1	3
133	Preoperative Hyponatremia and Perioperative Complications in Cervical Spinal Fusion. <i>World Neurosurgery</i> , 2020, 141, e864-e872.	1.3	3
134	Kyphotic Cervical Deformity Correction. , 2005, , 788-795.		3
135	Association of postoperative outcomes with preoperative magnetic resonance imaging for patients with concurrent multiple sclerosis and cervical stenosis. <i>Spine Journal</i> , 2015, 15, 18-24.	1.3	2
136	The embedded biases in hypothesis testing and machine learning. <i>Neurosurgical Focus</i> , 2020, 48, E8.	2.3	2
137	Dorsal Thoracic and Lumbar Screw Fixation and Pedicle Fixation Techniques. , 2005, , 1518-1528.		2
138	Preoperative and Surgical Planning for Avoiding Complications. , 2005, , 233-241.		2
139	Stabilization of the Cervicothoracic Junction. <i>Contemporary Spine Surgery</i> , 2011, 12, 1-6.	0.1	1
140	Management of Cervical Spondylotic Myelopathy. , 2012, , 1801-1813.		1
141	The Utility of Allograft Mesenchymal Stem Cells for Spine Fusion: A Literature Review. <i>Global Spine Journal</i> , 2012, 2, 109-114.	2.3	1
142	Quality-of-Life Outcomes following Thoracolumbar and Lumbar Fusion with and without the Use of Recombinant Human Bone Morphogenetic Protein-2: Does Recombinant Human Bone Morphogenetic Protein-2 Make a Difference?. <i>Global Spine Journal</i> , 2014, 4, 245-254.	2.3	1
143	Effect of Ventral vs Dorsal Spinal Surgery in Patients With Cervical Spondylotic Myelopathy—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 358.	7.4	1
144	Cervical Facet Dislocations: A Ventral Surgical Strategy for Decompression, Reduction, and Stabilization. , 2005, , 782-787.		1

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145	Cervical Spine Biomechanics. , 2019, , 13-28.		1
146	Price Transparency in Neurosurgery: Challenges and Opportunities in the Online Publishing of Treatment Prices to Enable Cost-Conscious and Value-Based Practice. World Neurosurgery, 2022, 162, e511-e516.	1.3	1
147	Informatic Surgery: The Union of Surgeon and Machine. World Neurosurgery, 2010, 74, 99-101.	1.3	0
148	Spinal Stenosis with Spondylolisthesis. , 2011, , 82-87.		0
149	Vertebral Metastases. , 2012, , 183-195.		0
150	Lumbar Discectomy: Many Ways to Skin a Cat. World Neurosurgery, 2014, 82, 643-644.	1.3	0
151	Biomechanics of Lumbar Disk Arthroplasty. , 2016, , 613-632.		0
152	Evaluating stability of the craniovertebral junction after unilateral C1 lateral mass resection: implications for the direct lateral approach. Journal of Neurosurgery: Spine, 2021, , 1-7.	1.7	0
153	C1??C2 Pedicle Screw Fixation with Rigid Cantilever Beam Construct: Case Report and Technical Note. Neurosurgery, 2002, 51, 854.	1.1	0
154	Evaluation of the Cervical Spine after Trauma. , 2005, , 1193-1201.		0
155	Nutritional Care of the Spinal Cord Injured Patient. , 2005, , 1873-1886.		0
156	Intraoperative Crisis Management in Spine Surgery: What To Do When Things Go Bad. , 2005, , 2194-2205.		0
157	Penetrating Spinal Cord Injuries. , 2005, , 1226-1233.		0
158	Pathophysiology of Cervical Myelopathy. , 2017, , 188-195.e3.		0
159	Anatomy of Nerve Root Compression, Nerve Root Tethering, and Spinal Instability. , 2017, , 200-205.e2.		0
160	Dorsal Thoracic and Lumbar Screw Fixation and Pedicle Fixation Techniques. , 2017, , 717-728.e3.		0
161	Neural Injury at the Molecular Level. , 2017, , 182-187.e4.		0
162	Iatrogenic Spine Destabilization. , 2017, , 362-371.e2.		0

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163	Penetrating Spinal Cord Injuries. , 2017, , 1251-1256.e2.		0
164	Preoperative and Surgical Planning for Avoiding Complications. , 2017, , 210-218.e2.		0