

Zachary Pennington

List of Publications by Year in descending order

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Version: 2024-02-01

162
papers

1,844
citations

331259

21
h-index

414034

32
g-index

165
all docs

165
docs citations

165
times ranked

1456
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Racial Disparities on All-Cause Mortality in Patients With Tumors of the Spinal Cord or Spinal Meninges: A Propensity-Score Analysis. <i>Global Spine Journal</i> , 2023, 13, 1365-1373.	1.2	1
2	International Variability in Spinal Metastasis Treatment: A Survey of the AO Spine Community. <i>Global Spine Journal</i> , 2023, 13, 1622-1634.	1.2	1
3	Hospital Frailty Risk Score and Healthcare Resource Utilization After Surgery for Primary Spinal Intradural/Cord Tumors. <i>Global Spine Journal</i> , 2023, 13, 2074-2084.	1.2	9
4	Pathogenesis and Staging of Craniovertebral Tuberculosis: Radiographic Evaluation, Classification, and Natural History. <i>Global Spine Journal</i> , 2023, 13, 2155-2167.	1.2	3
5	Octogenarians Are Independently Associated With Extended LOS and Non-Routine Discharge After Elective ACDF for CSM. <i>Global Spine Journal</i> , 2022, 12, 1792-1803.	1.2	5
6	Synergy between glutamate modulation and anti-“programmed cell death protein 1 immunotherapy for glioblastoma. <i>Journal of Neurosurgery</i> , 2022, 136, 379-388.	0.9	11
7	Anterior-Posterior Surgeries. , 2022, , 120-125.		0
8	Clinical accuracy and initial experience with augmented reality-“assisted pedicle screw placement: the first 205 screws. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 351-357.	0.9	28
9	Utility of expanded anterior column resection versus decompression-alone for local control in the management of carcinomatous vertebral column metastases undergoing adjuvant stereotactic radiotherapy. <i>Spine Journal</i> , 2022, 22, 835-846.	0.6	5
10	Insurance status as a mediator of clinical presentation, type of intervention, and short-term outcomes for patients with metastatic spine disease. <i>Cancer Epidemiology</i> , 2022, 76, 102073.	0.8	6
11	Learning curves in robot-assisted spine surgery: a systematic review and proposal of application to residency curricula. <i>Neurosurgical Focus</i> , 2022, 52, E3.	1.0	22
12	Differences in Health Care Resource Utilization After Surgery for Metastatic Spinal Column Tumors in Patients with a Concurrent Affective Disorder in the United States. <i>World Neurosurgery</i> , 2022, 161, e252-e267.	0.7	6
13	Perioperative outcomes and survival after surgery for intramedullary spinal cord tumors: a single-institution series of 302 patients. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 252-262.	0.9	11
14	A novel online calculator to predict nonroutine discharge, length of stay, readmission, and reoperation in patients undergoing surgery for intramedullary spinal cord tumors. <i>Spine Journal</i> , 2022, 22, 1345-1355.	0.6	5
15	Single-Surgeon Versus Dual-Surgeon Strategy in Spinal Tumor Surgery. <i>Clinical Spine Surgery</i> , 2022, 35, E566-E570.	0.7	4
16	Impact of race on nonroutine discharge, length of stay, and postoperative complications after surgery for spinal metastases. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 678-685.	0.9	14
17	Comparison of frailty metrics and the Charlson Comorbidity Index for predicting adverse outcomes in patients undergoing surgery for spine metastases. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 849-857.	0.9	12
18	Endoscope-Assisted Retroperitoneal Prepsoas Approach to Lumbar Intervertebral Disk Decompression. Technical Note. <i>Operative Neurosurgery</i> , 2022, 23, 67-73.	0.4	3

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19	Predictors of survival and time to progression following operative management of intramedullary spinal cord astrocytomas. <i>Journal of Neuro-Oncology</i> , 2022, 158, 117-127.	1.4	7
20	Assessment of Frailty Indices and Charlson Comorbidity Index for Predicting Adverse Outcomes in Patients Undergoing Surgery for Spine Metastases: A National Database Analysis. <i>World Neurosurgery</i> , 2022, 164, e1058-e1070.	0.7	13
21	Operative Treatment of Bertolotti Syndrome: Resection Versus Fusion. <i>World Neurosurgery</i> , 2022, 165, e311-e316.	0.7	3
22	Vertebral bone quality score predicts fragility fractures independently of bone mineral density. <i>Spine Journal</i> , 2021, 21, 20-27.	0.6	70
23	A clinical calculator for predicting intraoperative blood loss and transfusion risk in spine tumor patients. <i>Spine Journal</i> , 2021, 21, 302-311.	0.6	12
24	Use of electromyography to predict likelihood of recovery following C5 palsy after posterior cervical spine surgery. <i>Spine Journal</i> , 2021, 21, 387-396.	0.6	4
25	Assessing underlying bone quality in spine surgery patients: a narrative review of dual-energy X-ray absorptiometry (DXA) and alternatives. <i>Spine Journal</i> , 2021, 21, 321-331.	0.6	39
26	Narrative Review of Predictive Analytics of Patient-Reported Outcomes in Adult Spinal Deformity Surgery. <i>Global Spine Journal</i> , 2021, 11, 89S-95S.	1.2	2
27	First Report of Pharmacogenomic Profiling in an Outpatient Spine Setting: Preliminary Results from a Pilot Study. <i>World Neurosurgery</i> , 2021, 145, e21-e31.	0.7	4
28	Chordoma of the sacrum and mobile spine: a narrative review. <i>Spine Journal</i> , 2021, 21, 500-517.	0.6	17
29	Schwannomatosis: Review of Diagnosis and Management. , 2021, , 371-382.		0
30	Commentary: Minimally Invasive Tubular Separation Surgery for Metastatic Spinal Cord Compression. <i>Operative Neurosurgery</i> , 2021, 20, E357-E358.	0.4	1
31	Surgical Management of Chordoma of the Occipitocervical Junction. , 2021, , 111-145.		0
32	Soft Tissue Reconstruction Following Surgery for Sacral Chordoma. , 2021, , 215-231.		0
33	To operate, or not to operate? Narrative review of the role of survival predictors in patient selection for operative management of patients with metastatic spine disease. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 135-149.	0.9	11
34	Systemic Therapy, Trials, and Future Directions for Chordoma of the Spine. , 2021, , 289-304.		0
35	Historical Overview, Demographics, and Clinical Presentation of Spinal Chordoma. , 2021, , 33-54.		1
36	Clinical utility of enhanced recovery after surgery pathways in pediatric spinal deformity surgery: systematic review of the literature. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 225-238.	0.8	8

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37	Systematic review and meta-analysis of the clinical utility of Enhanced Recovery After Surgery pathways in adult spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 325-347.	0.9	21
38	Minimally invasive circumferential decompression and stabilization for metastatic vertebral column disease. <i>Seminars in Spine Surgery</i> , 2021, 33, 100852.	0.1	0
39	Sciatic-to-Femoral Nerve End-to-End Coaptation for Proximal Lower Extremity Function in Patients With Acute Flaccid Myelitis: Technical Note and Review of the Literature. <i>Operative Neurosurgery</i> , 2021, 21, 20-26.	0.4	8
40	Hybrid Therapy for Metastatic Disease. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, 369-376.	0.7	0
41	Prediction Models in Degenerative Spine Surgery: A Systematic Review. <i>Global Spine Journal</i> , 2021, 11, 79S-88S.	1.2	16
42	Experience with an Enhanced Recovery After Spine Surgery protocol at an academic community hospital. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 680-687.	0.9	10
43	Dataset of the first report of pharmacogenomics profiling in an outpatient spine setting. <i>Data in Brief</i> , 2021, 35, 106832.	0.5	0
44	Chondrosarcoma of the spine: a narrative review. <i>Spine Journal</i> , 2021, 21, 2078-2096.	0.6	16
45	Interhospital transfer status for spinal metastasis patients in the United States is associated with more severe clinical presentations and higher rates of inpatient complications. <i>Neurosurgical Focus</i> , 2021, 50, E4.	1.0	4
46	Modified-frailty index does not independently predict complications, hospital length of stay or 30-day readmission rates following posterior lumbar decompression and fusion for spondylolisthesis. <i>Spine Journal</i> , 2021, 21, 1812-1821.	0.6	20
47	Utility of prediction model score: a proposed tool to standardize the performance and generalizability of clinical predictive models based on systematic review. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 779-787.	0.9	3
48	Systematic review of charged-particle therapy for chordomas and sarcomas of the mobile spine and sacrum. <i>Neurosurgical Focus</i> , 2021, 50, E17.	1.0	6
49	Sacrectomy for sacral tumors: Perioperative outcomes in a large-volume comprehensive cancer center. <i>Spine Journal</i> , 2021, 21, 1908-1919.	0.6	4
50	Commentary: Present and Future Spinal Robotic and Enabling Technologies. <i>Operative Neurosurgery</i> , 2021, 21, S57-S58.	0.4	0
51	Translocation of Cervical Vertebral Body Replacement Device into the Esophagus. <i>World Neurosurgery</i> , 2021, 150, 144-146.	0.7	0
52	Cost and Health Care Resource Utilization Differences After Spine Surgery for Bony Spine versus Primary Intradural Spine Tumors. <i>World Neurosurgery</i> , 2021, 151, e286-e298.	0.7	7
53	Race Is an Independent Predictor for Nonroutine Discharges After Spine Surgery for Spinal Intradural/Cord Tumors. <i>World Neurosurgery</i> , 2021, 151, e707-e717.	0.7	3
54	Neuroblastoma of the Lumbar Spine. <i>World Neurosurgery</i> , 2021, 151, 2-4.	0.7	1

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55	Fenestrated pedicle screws for thoracolumbar instrumentation in patients with poor bone quality: Case series and systematic review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106675.	0.6	11
56	Web-Based Calculator Predicts Surgical-Site Infection After Thoracolumbar Spine Surgery. <i>World Neurosurgery</i> , 2021, 151, e571-e578.	0.7	5
57	Comparison of operator and patient radiation exposure during fluoroscopy-guided vertebroplasty and kyphoplasty: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 117-126.	0.9	1
58	Radiotherapy and Surgical Advances in the Treatment of Metastatic Spine Tumors: A Narrative Review. <i>World Neurosurgery</i> , 2021, 151, 147-154.	0.7	4
59	A Web-Based Calculator for Predicting the Occurrence of Wound Complications, Wound Infection, and Unplanned Reoperation for Wound Complications in Patients Undergoing Surgery for Spinal Metastases. <i>World Neurosurgery</i> , 2021, 155, e218-e228.	0.7	10
60	Influence of tranexamic acid use on venous thromboembolism risk in patients undergoing surgery for spine tumors. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 663-673.	0.9	12
61	Surgical Decompression for Cervical Spondylotic Myelopathy in Patients with Associated Hypertension: A Single-Center Retrospective Cohort and Systematic Review of the Literature. <i>World Neurosurgery</i> , 2021, 155, e119-e130.	0.7	2
62	Impact of Multidisciplinary Intraoperative Teams on Thirty-Day Complications After Sacral Tumor Resection. <i>World Neurosurgery</i> , 2021, 152, e558-e566.	0.7	1
63	Plastic surgery wound closure following resection of spinal metastases. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106800.	0.6	4
64	Giant Myxoid Spindle Cell Neoplasm Presenting with Abdominal Swelling and Concurrent Weight Loss. <i>World Neurosurgery</i> , 2021, 152, 1-2.	0.7	0
65	A multicenter analysis of the prognostic value of histone H3 K27M mutation in adult high-grade spinal glioma. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 834-843.	0.9	13
66	Risk factors for prolonged length of stay in patients undergoing surgery for intramedullary spinal cord tumors. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 396-401.	0.8	7
67	Surgical Approaches to Tumors of the Occipito-Cervical, Subaxial Cervical, and Cervicothoracic Spine: An Algorithm for Standard versus Extended Anterior Cervical Access. <i>World Neurosurgery</i> , 2021, 156, e41-e56.	0.7	6
68	Spinal metastases 2021: a review of the current state of the art and future directions. <i>Spine Journal</i> , 2021, 21, 1414-1429.	0.6	38
69	Nerve Transfers After Cervical Spine Surgery: Multi-Institutional Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2021, 156, e222-e228.	0.7	5
70	Patient- and hospital-related risk factors for non-routine discharge after lumbar decompression and fusion for spondylolisthesis. <i>Clinical Neurology and Neurosurgery</i> , 2021, 209, 106902.	0.6	7
71	Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. <i>World Neurosurgery</i> , 2021, 154, e277-e282.	0.7	12
72	Drivers of Readmission and Reoperation After Surgery for Vertebral Column Metastases. <i>World Neurosurgery</i> , 2021, 154, e806-e814.	0.7	8

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73	Timing of referral to peripheral nerve specialists in patients with postoperative C5 palsy. <i>Journal of Clinical Neuroscience</i> , 2021, 92, 169-174.	0.8	5
74	Animal Models of Metastatic Lesions to the Spine: A Focus on Epidural Spinal Cord Compression. <i>World Neurosurgery</i> , 2021, 155, 122-134.	0.7	1
75	Posterior Vertebral Column Subtraction Osteotomy for Recurrent Tethered Cord Syndrome: A Multicenter, Retrospective Analysis. <i>Neurosurgery</i> , 2021, 88, 637-647.	0.6	11
76	Spine Image Guidance and Robotics: Exposure, Education, Training, and the Learning Curve. <i>International Journal of Spine Surgery</i> , 2021, 15, S28-S37.	0.7	5
77	Comparison of three predictive scoring systems for morbidity in oncological spine surgery. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 13-17.	0.8	6
78	Associations Between Preoperative Hyponatremia and 30-Day Perioperative Complications in Lumbar Interbody Spinal Fusion. <i>Clinical Spine Surgery</i> , 2021, 34, E7-E12.	0.7	1
79	Role of the Pubic Symphysis in Osseous Pelvic Development: A Novel Model of Bladder Exstrophy in Rabbits. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e181-e187.	0.6	0
80	Nerve Root Sparing En Bloc Resection of Sacral Chondrosarcoma: Technical Note and Review of the Literature. <i>Operative Neurosurgery</i> , 2021, 21, 497-506.	0.4	0
81	Authors' reply to letter to the editor regarding "Sacroctomy for sacral tumors: perioperative outcomes in a large-volume comprehensive cancer center". <i>Spine Journal</i> , 2021, 21, 2123.	0.6	0
82	Preoperative Nutrition Consults Associated with Decreased Postoperative Complication Rate and Decreased Length of Hospital Stay After Spine Metastasis Surgery. <i>World Neurosurgery</i> , 2020, 133, e173-e179.	0.7	20
83	Persistent Postoperative Hyperglycemia as a Risk Factor for Operative Treatment of Deep Wound Infection After Spine Surgery. <i>Neurosurgery</i> , 2020, 87, 211-219.	0.6	16
84	Spinal cord float back is not an independent predictor of postoperative C5 palsy in patients undergoing posterior cervical decompression. <i>Spine Journal</i> , 2020, 20, 266-275.	0.6	10
85	Horner Syndrome After Anterior Cervical Discectomy and Fusion: Case Series and Systematic Review. <i>World Neurosurgery</i> , 2020, 133, e68-e75.	0.7	6
86	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.	0.7	29
87	External validation of the SORG 90-day and 1-year machine learning algorithms for survival in spinal metastatic disease. <i>Spine Journal</i> , 2020, 20, 14-21.	0.6	58
88	Novel MRI-based score for assessment of bone density in operative spine patients. <i>Spine Journal</i> , 2020, 20, 556-562.	0.6	83
89	Treatment approaches for Scheuermann kyphosis: a systematic review of historic and current management. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 235-247.	0.9	18
90	The effect of renin-angiotensin system blockers on spinal cord dysfunction and imaging features of spinal cord compression in patients with symptomatic cervical spondylosis. <i>Spine Journal</i> , 2020, 20, 519-529.	0.6	5

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91	Assessment of a Triage Protocol for Emergent Neurosurgical Cases at a Single Institution. <i>World Neurosurgery</i> , 2020, 135, e386-e392.	0.7	2
92	Vertebral Bone Quality Score and Postoperative Lumbar Lordosis Associated with Need for Reoperation After Lumbar Fusion. <i>World Neurosurgery</i> , 2020, 140, e247-e252.	0.7	29
93	The F2RaD Score: A Novel Prediction Score and Calculator Tool to Identify Patients at Risk of Postoperative C5 Palsy. <i>Operative Neurosurgery</i> , 2020, 19, 582-588.	0.4	5
94	Low-Intensity Pulsed Ultrasound as a Potential Adjuvant Therapy to Promote Spinal Fusion. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 2005-2017.	0.8	3
95	Response to: Time frame for withholding direct thrombin inhibitor therapy before neurosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2020, 197, 106224.	0.6	0
96	Radiographic and clinical outcomes of silicate-substituted calcium phosphate (SiCaP) bone grafts in spinal fusion: Systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 353-366.	0.8	5
97	Letter to the Editor "Changes to Neurosurgery Resident Education Since Onset of the COVID-19 Pandemic". <i>World Neurosurgery</i> , 2020, 139, 734-740.	0.7	27
98	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.	0.7	15
99	Sarcopenia as a Prognostic Factor for 90-Day and Overall Mortality in Patients Undergoing Spine Surgery for Metastatic Tumors: A Multicenter Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, 1025-1036.	0.6	41
100	A novel predictive model of intraoperative blood loss in patients undergoing elective lumbar surgery for degenerative pathologies. <i>Spine Journal</i> , 2020, 20, 1976-1985.	0.6	5
101	Interventions to minimize blood loss and transfusion risk in spine surgery: A narrative review. <i>Clinical Neurology and Neurosurgery</i> , 2020, 196, 106004.	0.6	8
102	Preoperative Hyponatremia and Perioperative Complications in Cervical Spinal Fusion. <i>World Neurosurgery</i> , 2020, 141, e864-e872.	0.7	3
103	Utility of Posterior Longitudinal Ligament Resection During Anterior Cervical Decompression for Radiculopathy. <i>World Neurosurgery</i> , 2020, 137, e425-e429.	0.7	3
104	Split cord malformation in adults: Literature review and classification. <i>Clinical Neurology and Neurosurgery</i> , 2020, 193, 105733.	0.6	15
105	Hybrid Therapy for Spinal Metastases. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 191-200.	0.8	22
106	Minimizing Blood Loss in Spine Surgery. <i>Global Spine Journal</i> , 2020, 10, 71S-83S.	1.2	53
107	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.	0.6	4
108	Prevalence of anemia and its relationship with neurological status in patients undergoing surgery for degenerative cervical myelopathy and radiculopathy: A retrospective study of 2 spine centers. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 252-257.	0.8	8

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109	Robot-Assisted versus Freehand Instrumentation in Short-Segment Lumbar Fusion: Experience with Real-Time Image-Guided Spinal Robot. <i>World Neurosurgery</i> , 2020, 136, e635-e645.	0.7	44
110	The effect of bioactive glasses on spinal fusion: A cross-disciplinary systematic review and meta-analysis of the preclinical and clinical data. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 34-46.	0.8	12
111	Vertebral Artery Sacrifice versus Skeletonization in the Setting of Cervical Spine Tumor Resection: Case Series. <i>World Neurosurgery</i> , 2020, 139, e601-e607.	0.7	11
112	Cost-benefit analysis of tranexamic acid and blood transfusion in elective lumbar spine surgery for degenerative pathologies. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 177-185.	0.9	21
113	The effect of electrical stimulation therapies on spinal fusion: a cross-disciplinary systematic review and meta-analysis of the preclinical and clinical data. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 106-126.	0.9	9
114	Risk Factors for Wound-Related Complications After Surgery for Primary and Metastatic Spine Tumors: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020, 141, 467-478.e3.	0.7	23
115	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	0.9	18
116	A novel MRI-based score assessing trabecular bone quality to predict vertebral compression fractures in patients with spinal metastasis. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 499-506.	0.9	32
117	Comparison of complete and near-complete endovascular embolization of hypervascular spine tumors with partial embolization. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 245-251.	0.9	7
118	Incidental durotomy: predictive risk model and external validation of natural language process identification algorithm. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 342-348.	0.9	13
119	Three-dimensional assessment of robot-assisted pedicle screw placement accuracy and instrumentation reliability based on a preplanned trajectory. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 519-528.	0.9	25
120	Oxysterols as promising small molecules for bone tissue engineering: Systematic review. <i>World Journal of Orthopedics</i> , 2020, 11, 328-344.	0.8	7
121	Readmission after spinal epidural abscess management in urban populations: a bi-institutional study. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 465-472.	0.9	8
122	Retroperitoneal approach for the treatment of diaphragmatic crus syndrome: technical note. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 114-119.	0.9	1
123	Editorial. Is preoperative bone health assessment and optimization in spine surgery a good idea?. <i>Neurosurgical Focus</i> , 2020, 49, E3.	1.0	0
124	Spinal Plates and the Anterior Lumbar Interbody Arthrodesis. , 2020, , 1-30.		0
125	Oncological Principles. , 2020, , 1-17.		0
126	Anterior Spinal Plates, Cervical. , 2020, , 1-9.		0

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127	Critical Care Management for Patients with Spinal Cord Injury. <i>Current Clinical Neurology</i> , 2020, , 169-183.	0.1	0
128	Deformity Secondary to Vertebral Body Metastases. , 2020, , 583-601.		0
129	The Use of Sacral Osteotomy in the Correction of Spinal Deformity: Technical Report and Systematic Review of the Literature. <i>World Neurosurgery</i> , 2019, 130, 285-292.	0.7	5
130	Quality of life changes after lumbar decompression in patients with tandem spinal stenosis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105455.	0.6	10
131	Atypical Vertebral Hemangiomas Are Frequently Associated with Radiculomedullary Arteries. <i>World Neurosurgery</i> , 2019, 127, e1215-e1220.	0.7	2
132	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.	0.8	21
133	Commentary: Uncertainty in the Relationship Between Sagittal Alignment and Patient-Reported Outcomes. <i>Neurosurgery</i> , 2019, 86, E383-E384.	0.6	0
134	Strategies to Minimize Surgeon Radiation Exposure in Spinal Surgery. <i>Operative Techniques in Orthopaedics</i> , 2019, 29, 100717.	0.2	0
135	Prolonged Post-surgical Drain Retention Increases Risk for Deep Wound Infection After Spine Surgery. <i>World Neurosurgery</i> , 2019, 130, e846-e853.	0.7	38
136	12. Angiotensin-II type-1 receptor blockade decreased T2 signal intensity in spinal cord compression in symptomatic cervical spondylotic myelopathy. <i>Spine Journal</i> , 2019, 19, S6.	0.6	2
137	Importance of Spinal Alignment in Primary and Metastatic Spine Tumors. <i>World Neurosurgery</i> , 2019, 132, 118-128.	0.7	4
138	Improvement in vertebral endplate engagement following anterior column reconstruction using a novel expandable cage with self-adjusting, multiaxial end cap. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 249-254.	0.8	7
139	Commentary: Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. <i>Neurosurgery</i> , 2019, 85, E682-E683.	0.6	1
140	SINS Score and Stability: Evaluating the Need for Stabilization Within the Uncertain Category. <i>World Neurosurgery</i> , 2019, 128, e1034-e1047.	0.7	20
141	Hypervascular Metastatic Spine Tumor Angiographic Relationships with the Artery of Adamkiewicz and Other Radiculomedullary Arteries. <i>World Neurosurgery</i> , 2019, 126, e480-e485.	0.7	10
142	Preoperative Clinical and Radiographic Variables Predict Postoperative C5 Palsy. <i>World Neurosurgery</i> , 2019, 127, e585-e592.	0.7	12
143	Evaluation of surgeon and patient radiation exposure by imaging technology in patients undergoing thoracolumbar fusion: systematic review of the literature. <i>Spine Journal</i> , 2019, 19, 1397-1411.	0.6	49
144	Multidisciplinary surgical planning for en bloc resection of malignant primary cervical spine tumors involving 3D-printed models and neoadjuvant therapies: report of 2 cases. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 424-431.	0.9	14

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145	Use of Intraoperative Indocyanine Green Angiography for Feeder Vessel Ligation and En Bloc Resection of Intramedullary Hemangioblastoma. <i>Operative Neurosurgery</i> , 2019, 17, 573-579.	0.4	9
146	Visceral Fat Volume From Standard Preoperative CT is an Independent Predictor of Short-term Survival in Patients Undergoing Surgery for Metastatic Spine Disease. <i>Clinical Spine Surgery</i> , 2019, 32, E303-E310.	0.7	9
147	Utility of Patient-reported Symptoms and Health Conditions for Predicting Surgical Candidacy and Utilization of Surgery via an Outpatient Spine Clinic Nomogram. <i>Clinical Spine Surgery</i> , 2019, 32, E407-E415.	0.7	5
148	Systematic review on the utility of magnetic resonance imaging for operative management and follow-up for primary sarcoma—lessons from extremity sarcomas. <i>Annals of Translational Medicine</i> , 2019, 7, 225-225.	0.7	14
149	Intra- and interobserver reliability of the Spinal Instability Neoplastic Score system for instability in spine metastases: a systematic review and meta-analysis. <i>Annals of Translational Medicine</i> , 2019, 7, 218-218.	0.7	29
150	Lactate and cancer: spinal metastases and potential therapeutic targets (part 2). <i>Annals of Translational Medicine</i> , 2019, 7, 221-221.	0.7	23
151	Lactate and cancer: a “lactatic” perspective on spinal tumor metabolism (part 1). <i>Annals of Translational Medicine</i> , 2019, 7, 220-220.	0.7	23
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