

Timothy Witham

List of Publications by Year in descending order

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Version: 2024-02-01

277
papers

8,949
citations

31976

53
h-index

62596

80
g-index

283
all docs

283
docs citations

283
times ranked

7255
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Recruitment of women in neurosurgery: a 7-year quantitative analysis. <i>Journal of Neurosurgery</i> , 2023, 138, 251-260. | 1.6 | 1 |
| 2 | Clinical accuracy and initial experience with augmented realityâ€‘assisted pedicle screw placement: the first 205 screws. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 351-357. | 1.7 | 28 |
| 3 | Implementation of an Automated Text Messageâ€‘Based System for Tracking Patient-Reported Outcomes in Spine Surgery: An Overview of the Concept and Our Early Experience. <i>World Neurosurgery</i> , 2022, 158, e746-e753. | 1.3 | 3 |
| 4 | 3D-printed oxygen-releasing scaffolds improve bone regeneration in mice. <i>Biomaterials</i> , 2022, 280, 121318. | 11.4 | 20 |
| 5 | Risk factors for surgical intervention in patients with primary spinal infection on initial presentation. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-9. | 1.7 | 2 |
| 6 | Which medical schools produce the most neurosurgery residents? An analysis of the 2014â€‘2020 cohort. <i>Journal of Neurosurgery</i> , 2022, 137, 283-295. | 1.6 | 8 |
| 7 | Adoption of awake spine surgery â€‘ trends from a national registry over 14 years. <i>Spine Journal</i> , 2022, 22, 1601-1609. | 1.3 | 9 |
| 8 | Impact of virtual vs. in-person interviews among neurosurgery residency applicants. <i>Journal of Clinical Neuroscience</i> , 2022, 101, 63-66. | 1.5 | 3 |
| 9 | Surgeon specialty effect on early outcomes of elective posterior spinal fusion for adolescent idiopathic scoliosis: a propensity-matched analysis of 965 patients. <i>European Spine Journal</i> , 2022, 31, 2355-2361. | 2.2 | 2 |
| 10 | Isthmic spondylolisthesis in adultsâ€‘ A review of the current literature. <i>Journal of Clinical Neuroscience</i> , 2022, 101, 124-130. | 1.5 | 7 |
| 11 | A biodegradable 3D woven magnesium-based scaffold for orthopedic implants. <i>Biofabrication</i> , 2022, 14, 034107. | 7.1 | 8 |
| 12 | 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. | 1.3 | 39 |
| 13 | An Online Calculator for Predicting Academic Career Trajectory in Neurosurgery in the United States. <i>World Neurosurgery</i> , 2021, 145, e155-e162. | 1.3 | 4 |
| 14 | First Report of Pharmacogenomic Profiling in an Outpatient Spine Setting: Preliminary Results from a Pilot Study. <i>World Neurosurgery</i> , 2021, 145, e21-e31. | 1.3 | 4 |
| 15 | Aortic injury in spine surgeryâ€‘ What a spine surgeon needs to know. <i>Neurosurgical Review</i> , 2021, 44, 3189-3196. | 2.4 | 3 |
| 16 | Experience with an Enhanced Recovery After Spine Surgery protocol at an academic community hospital. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 680-687. | 1.7 | 10 |
| 17 | Dataset of the first report of pharmacogenomics profiling in an outpatient spine setting. <i>Data in Brief</i> , 2021, 35, 106832. | 1.0 | 0 |
| 18 | Augmented realityâ€‘mediated stereotactic navigation for execution of en bloc lumbar spondylectomy osteotomies. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 700-705. | 1.7 | 25 |

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|----|--|-----|-----------|
| 19 | Comparing the efficacy of adiposeâ€derived and bone marrowâ€derived cells in a rat model of posterolateral lumbar fusion. <i>Journal of Orthopaedic Research</i> , 2021, , . | 2.3 | 2 |
| 20 | Influence of Sex on Early Outcomes of Elective Lumbar Fusions: An Updated Propensity-Matched and Subgroup Analysis. <i>World Neurosurgery</i> , 2021, 150, e388-e399. | 1.3 | 6 |
| 21 | Predictors of Academic Neurosurgical Career Trajectory among International Medical Graduates Training Within the United States. <i>Neurosurgery</i> , 2021, 89, 478-485. | 1.1 | 9 |
| 22 | Augmented Reality in Spine Surgery: A Narrative Review. <i>HSS Journal</i> , 2021, 17, 351-358. | 1.7 | 24 |
| 23 | Intradural cyst: intramedullary or extramedullary? Illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, . | 0.3 | 0 |
| 24 | Predictors of an academic career among fellowship-trained spinal neurosurgeons. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8. | 1.7 | 6 |
| 25 | 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. | 1.3 | 2 |
| 26 | Captopril inhibits Matrix Metalloproteinase-2 and extends survival as a temozolomide adjuvant in an intracranial gliosarcoma model. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106771. | 1.4 | 6 |
| 27 | Does the Specialty of the Surgeon Performing Elective Anterior/Lateral Lumbar Interbody Fusion for Degenerative Spine Disease Correlate with Early Perioperative Outcomes?. <i>World Neurosurgery</i> , 2021, 155, e111-e118. | 1.3 | 5 |
| 28 | Intraoperative coneâ€beam and slotâ€beam CT: 3D image quality and dose with a slot collimator on the Oâ€arm imaging system. <i>Medical Physics</i> , 2021, 48, 6800-6809. | 3.0 | 2 |
| 29 | Interrater and Intrarater Reliability of the Vertebral Bone Quality Score. <i>World Neurosurgery</i> , 2021, 154, e277-e282. | 1.3 | 12 |
| 30 | Effects of Single-Dose Versus Hypofractionated Focused Radiation on Vertebral Body Structure and Biomechanical Integrity: Development of a Rabbit Radiation-Induced Vertebral Compression Fracture Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 528-538. | 0.8 | 7 |
| 31 | Perceptions of the Virtual Neurosurgery Application Cycle During the Coronavirus Disease 2019 (COVID-19) Pandemic: A Program Director Survey. <i>World Neurosurgery</i> , 2021, 154, e590-e604. | 1.3 | 8 |
| 32 | Timing of referral to peripheral nerve specialists in patients with postoperative C5 palsy. <i>Journal of Clinical Neuroscience</i> , 2021, 92, 169-174. | 1.5 | 5 |
| 33 | Effect of patientâ€™s sex on early perioperative outcomes following anterior cervical discectomy and fusion. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 247-252. | 1.5 | 2 |
| 34 | Impact of masterâ€™s degree attainment upon academic career placement in neurosurgery. <i>Journal of Neurosurgery</i> , 2021, 134, 295-303. | 1.6 | 7 |
| 35 | Posterior Vertebral Column Subtraction Osteotomy for Recurrent Tethered Cord Syndrome: A Multicenter, Retrospective Analysis. <i>Neurosurgery</i> , 2021, 88, 637-647. | 1.1 | 11 |
| 36 | Clinical Accuracy, Technical Precision, and Workflow of the First in Human Use of an Augmented-Reality Head-Mounted Display Stereotactic Navigation System for Spine Surgery. <i>Operative Neurosurgery</i> , 2021, 20, 300-309. | 0.8 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Multidisciplinary approach for repair of a large ventral thoracic meningocele in neurofibromatosis-1; a systematic review of the literature and case report. <i>Clinical Neurology and Neurosurgery</i> , 2021, 210, 106996. | 1.4 | 2 |
| 38 | Quantitative 3D imaging of the cranial microvascular environment at single-cell resolution. <i>Nature Communications</i> , 2021, 12, 6219. | 12.8 | 37 |
| 39 | Comparison of Freshly Isolated Adipose Tissue-derived Stromal Vascular Fraction and Bone Marrow Cells in a Posterolateral Lumbar Spinal Fusion Model. <i>Spine</i> , 2021, 46, 631-637. | 2.0 | 4 |
| 40 | Early Outcomes of Elective Anterior Cervical Discectomy and Fusion for Degenerative Spine Disease Correlate With the Specialty of the Surgeon Performing the Procedure. <i>Neurosurgery</i> , 2021, Publish Ahead of Print, 99-105. | 1.1 | 5 |
| 41 | Traumatic sacral dermoid cyst rupture with intracranial subarachnoid seeding of lipid particles: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, . | 0.3 | 1 |
| 42 | 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. | 1.3 | 10 |
| 43 | 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. | 1.3 | 5 |
| 44 | Vertebral Bone Quality Score and Postoperative Lumbar Lordosis Associated with Need for Reoperation After Lumbar Fusion. <i>World Neurosurgery</i> , 2020, 140, e247-e252. | 1.3 | 29 |
| 45 | Educational Program Rankings Are Independently Associated With Residents' Academic Career Trajectory in Neurological Surgery. <i>Journal of Surgical Education</i> , 2020, 77, 1312-1320. | 2.5 | 9 |
| 46 | Comparing the efficacy of syngeneic iliac and femoral allografts with iliac crest autograft in a rat model of lumbar spinal fusion. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 410. | 2.3 | 3 |
| 47 | Low-Intensity Pulsed Ultrasound as a Potential Adjuvant Therapy to Promote Spinal Fusion. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 2005-2017. | 1.7 | 3 |
| 48 | 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. | 1.5 | 5 |
| 49 | Letter to the Editor "Changes to Neurosurgery Resident Education Since Onset of the COVID-19 Pandemic". <i>World Neurosurgery</i> , 2020, 139, 734-740. | 1.3 | 27 |
| 50 | 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 |
| 51 | 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. | 1.5 | 12 |
| 52 | 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. | 1.7 | 9 |
| 53 | Prediction calculator for nonroutine discharge and length of stay after spine surgery. <i>Spine Journal</i> , 2020, 20, 1154-1158. | 1.3 | 29 |
| 54 | Improving medical student recruitment to neurosurgery. <i>Journal of Neurosurgery</i> , 2020, 133, 848-854. | 1.6 | 30 |

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|----|--|-----|-----------|
| 55 | Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199. | 1.7 | 18 |
| 56 | Oxysterols as promising small molecules for bone tissue engineering: Systematic review. <i>World Journal of Orthopedics</i> , 2020, 11, 328-344. | 1.8 | 7 |
| 57 | Editorial. Is preoperative bone health assessment and optimization in spine surgery a good idea?. <i>Neurosurgical Focus</i> , 2020, 49, E3. | 2.3 | 0 |
| 58 | Introduction. Lumbar spinal osteoporosis. <i>Neurosurgical Focus</i> , 2020, 49, E1. | 2.3 | 1 |
| 59 | SpineCloud: image analytics for predictive modeling of spine surgery outcomes. <i>Journal of Medical Imaging</i> , 2020, 7, 1. | 1.5 | 8 |
| 60 | SpineCloud: image analytics for predictive modeling of spine surgery outcomes. , 2020, , . | | 2 |
| 61 | 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. | 1.3 | 2 |
| 62 | Use of Recombinant Human Bone Morphogenetic Protein-2 at the C1-C2 Lateral Articulation without Posterior Structural Bone Graft in Posterior Atlantoaxial Fusion in Adult Patients. <i>World Neurosurgery</i> , 2019, 123, e69-e76. | 1.3 | 3 |
| 63 | Synovial Cyst as a Marker for Lumbar Instability: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 122, e1059-e1068. | 1.3 | 27 |
| 64 | A retrospective cohort analysis of the effects of renin-angiotensin system inhibitors on spinal fusion in ACDF patients. <i>Spine Journal</i> , 2019, 19, 1354-1361. | 1.3 | 1 |
| 65 | Preoperative Clinical and Radiographic Variables Predict Postoperative C5 Palsy. <i>World Neurosurgery</i> , 2019, 127, e585-e592. | 1.3 | 12 |
| 66 | Accuracy of Current Techniques for Placement of Pedicle Screws in the Spine: A Comprehensive Systematic Review and Meta-Analysis of 51,161 Screws. <i>World Neurosurgery</i> , 2019, 126, 664-678.e3. | 1.3 | 104 |
| 67 | Diagnostic and therapeutic values of intraoperative electrophysiological neuromonitoring during resection of intradural extramedullary spinal tumors: a single-center retrospective cohort and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 839-849. | 1.7 | 15 |
| 68 | Safety Profile of Lumbosacropelvic Fixation in Patients Aged 60 Years or Older. <i>Clinical Spine Surgery</i> , 2019, 32, E200-E205. | 1.3 | 10 |
| 69 | Effects of Intraoperative Intrawound Antibiotic Administration on Spinal Fusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1741-1749. | 3.0 | 15 |
| 70 | A mouse model for the study of transplanted bone marrow mesenchymal stem cell survival and proliferation in lumbar spinal fusion. <i>European Spine Journal</i> , 2019, 28, 710-718. | 2.2 | 5 |
| 71 | Augmented reality-assisted pedicle screw insertion: a cadaveric proof-of-concept study. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 139-146. | 1.7 | 85 |
| 72 | Investigational growth factors utilized in animal models of spinal fusion: Systematic review. <i>World Journal of Orthopedics</i> , 2019, 10, 176-191. | 1.8 | 14 |

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|----|--|-----|-----------|
| 73 | Posterior Cervical Foraminotomy. , 2019, , 403-410. | | 0 |
| 74 | The Effects of High-Dose Parathyroid Hormone Treatment on Fusion Outcomes in a Rabbit Model of Posterolateral Lumbar Spinal Fusion Alone and in Combination with Bone Morphogenetic Protein 2 Treatment. World Neurosurgery, 2018, 115, e366-e374. | 1.3 | 8 |
| 75 | Risk factors for wound-related reoperations in patients with metastatic spine tumor. Journal of Neurosurgery: Spine, 2018, 28, 663-668. | 1.7 | 34 |
| 76 | Iatrogenic Spondylolisthesis Following Open Lumbar Laminectomy: Case Series and Review of the Literature. World Neurosurgery, 2018, 113, e383-e390. | 1.3 | 32 |
| 77 | Use of S2-Alar-iliac Screws Associated With Less Complications Than Iliac Screws in Adult Lumbosacropelvic Fixation. Spine, 2017, 42, E142-E149. | 2.0 | 109 |
| 78 | Bone graft options for spinal fusion following resection of spinal column tumors: systematic review and meta-analysis. Neurosurgical Focus, 2017, 42, E16. | 2.3 | 23 |
| 79 | Readmissions After Surgical Resection of Metastatic Tumors of the Spine at a Single Institution. World Neurosurgery, 2017, 101, 695-701.e1. | 1.3 | 22 |
| 80 | The epidemiology of spinal tuberculosis in the United States: an analysis of 2002â€“2011 data. Journal of Neurosurgery: Spine, 2017, 26, 507-512. | 1.7 | 56 |
| 81 | Comparison Between S2-Alar-Iliac Screw Fixation and Iliac Screw Fixation in Adult Deformity Surgery: Reoperation Rates and Spinopelvic Parameters. Global Spine Journal, 2017, 7, 672-680. | 2.3 | 49 |
| 82 | Sublaminar Decompression. Clinical Spine Surgery, 2017, 30, 14-19. | 1.3 | 7 |
| 83 | Prognostic Value of Preoperative Nurick Grade and Time with Symptoms in Patients with Cervical Myelopathy and Gait Impairment. World Neurosurgery, 2017, 105, 314-320. | 1.3 | 7 |
| 84 | The Effect of Smoking Status on Successful Arthrodesis After Lumbar Instrumentation Supplemented with rhBMP-2. World Neurosurgery, 2017, 97, 459-464. | 1.3 | 14 |
| 85 | The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. Journal of Clinical Neuroscience, 2017, 35, 42-46. | 1.5 | 25 |
| 86 | Propionibacterium acnes biofilm is present in intervertebral discs of patients undergoing microdiscectomy. PLoS ONE, 2017, 12, e0174518. | 2.5 | 81 |
| 87 | The effect of preoperative diagnosis on the incidence of adjacent segment disease after lumbar fusion. Journal of Neurosurgical Sciences, 2017, 62, 4-9. | 0.6 | 7 |
| 88 | Utility of the LevelCheck Algorithm for Decision Support in Vertebral Localization. Spine, 2016, 41, E1249-E1256. | 2.0 | 18 |
| 89 | Fibrin Sealants, Platelet Gels, and Spinal Fusion. World Neurosurgery, 2016, 95, 613. | 1.3 | 1 |
| 90 | Spinal cord transection with a kitchen knife with minimal neurological injury. Spine Journal, 2016, 16, e683-e684. | 1.3 | 1 |

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|-----|--|-----|-----------|
| 91 | Rapid resolution of large spontaneous thoracic epidural hematoma without surgical intervention. Spine Journal, 2016, 16, e613-e614. | 1.3 | 0 |
| 92 | Clinical outcomes following sublaminar decompression and instrumented fusion for lumbar degenerative spinal pathology. Journal of Clinical Neuroscience, 2016, 30, 98-104. | 1.5 | 8 |
| 93 | Surgical Outcomes in Patients with High Spinal Instability Neoplasm Score Secondary to Spinal Giant Cell Tumors. Global Spine Journal, 2016, 6, 21-28. | 2.3 | 19 |
| 94 | rhBMP-2 protects against reoperation for pseudoarthrosis and/or instrumentation failure: A matched case-control study of 448 patients. Journal of Clinical Neuroscience, 2016, 32, 99-103. | 1.5 | 6 |
| 95 | S2-Alar-Iliac Screws Were Associated with a Lower Rate of Symptomatic Screw Prominence than Iliac Screws: Radiographical Analysis on the Minimal Distance from a Screw Head to Skin. Spine Journal, 2016, 16, S270-S271. | 1.3 | 1 |
| 96 | Use of S2-Alar-Iliac Screws Associated with Fewer Complications than Iliac Screws in Adult LumboSacropelvic Fixation. Spine Journal, 2016, 16, S234. | 1.3 | 1 |
| 97 | S2-Alar-Iliac Screws are Associated with Lower Rate of Symptomatic Screw Prominence than Iliac Screws: Radiographic Analysis of Minimal Distance from Screw Head to Skin. World Neurosurgery, 2016, 93, 253-260. | 1.3 | 50 |
| 98 | Low Back Pain and Spondylosis. Seminars in Neurology, 2016, 36, 456-461. | 1.4 | 3 |
| 99 | Variables Affecting Fusion Rates in the Rat Posterolateral Spinal Fusion Model with Autogenic/Allogenic Bone Grafts: A Meta-analysis. Annals of Biomedical Engineering, 2016, 44, 3186-3201. | 2.5 | 10 |
| 100 | Factors associated with improved survival following surgery for renal cell carcinoma spinal metastases. Neurosurgical Focus, 2016, 41, E13. | 2.3 | 20 |
| 101 | Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. Neurosurgical Focus, 2016, 41, E9. | 2.3 | 14 |
| 102 | Total en bloc spondylectomy for locally aggressive and primary malignant tumors of the lumbar spine. European Spine Journal, 2016, 25, 4080-4087. | 2.2 | 65 |
| 103 | Incidence of Adjacent Segment Disease Requiring Reoperation After Lumbar Laminectomy Without Fusion. Neurosurgery, 2016, 78, 192-199. | 1.1 | 27 |
| 104 | Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases. World Neurosurgery, 2016, 87, 110-115. | 1.3 | 13 |
| 105 | Pneumocephalus leading to the diagnosis of cerebrospinal fluid leak and esophageal perforation after cervical spine surgery. Journal of Clinical Neuroscience, 2016, 26, 141-142. | 1.5 | 9 |
| 106 | Primary lesion location influences postoperative survival in patients with metastatic colorectal spinal lesions. Journal of Clinical Neuroscience, 2016, 25, 84-89. | 1.5 | 4 |
| 107 | Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. Journal of Clinical Neuroscience, 2016, 24, 57-62. | 1.5 | 24 |
| 108 | Long-term clinical outcomes following 3- and 4-level anterior cervical discectomy and fusion. Journal of Neurosurgery: Spine, 2016, 24, 885-891. | 1.7 | 61 |

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|-----|---|-----|-----------|
| 109 | Management of Cerebrospinal Fluid Leakage During Anterior Cervical Discectomy and Fusion and Its Effect on Spinal Fusion. <i>World Neurosurgery</i> , 2016, 89, 636-640. | 1.3 | 18 |
| 110 | Postoperative survival and functional outcomes for patients with metastatic gynecological cancer to the spine: case series and review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 131-144. | 1.7 | 14 |
| 111 | A systematic review of the use of expandable cages in the cervical spine. <i>Neurosurgical Review</i> , 2016, 39, 1-11. | 2.4 | 20 |
| 112 | Growth factor-eluting technologies for bone tissue engineering. <i>Drug Delivery and Translational Research</i> , 2016, 6, 184-194. | 5.8 | 73 |
| 113 | Prevalence of <i>Propionibacterium acnes</i> in Intervertebral Discs of Patients Undergoing Lumbar Microdiscectomy: A Prospective Cross-Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161676. | 2.5 | 63 |
| 114 | Hemorrhagic thoracic schwannoma presenting with intradural hematoma and acute paraplegia after spinal manipulation therapy. <i>International Journal of Spine Surgery</i> , 2016, 10, 42. | 1.5 | 10 |
| 115 | The biomechanics of pedicle screw augmentation with cement. <i>Spine Journal</i> , 2015, 15, 1432-1445. | 1.3 | 129 |
| 116 | Maintenance of bowel, bladder, and motor functions after sacrectomy. <i>Spine Journal</i> , 2015, 15, 222-229. | 1.3 | 48 |
| 117 | Durotomy is associated with pseudoarthrosis following lumbar fusion. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 544-548. | 1.5 | 15 |
| 118 | Fusion following lateral mass reconstruction in the cervical spine. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 139-150. | 1.7 | 15 |
| 119 | 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. | 1.7 | 55 |
| 120 | Regression of an atlantoaxial rheumatoid pannus following posterior instrumented fusion. <i>Clinical Neurology and Neurosurgery</i> , 2015, 137, 28-33. | 1.4 | 12 |
| 121 | Automatic Localization of Target Vertebrae in Spine Surgery. <i>Spine</i> , 2015, 40, E476-E483. | 2.0 | 27 |
| 122 | The Impact of Obesity on Short- and Long-term Outcomes After Lumbar Fusion. <i>Spine</i> , 2015, 40, 56-61. | 2.0 | 109 |
| 123 | Five-level cervical corpectomy for neurofibromatosis-associated spinal deformity: case report. <i>European Spine Journal</i> , 2015, 24, 544-550. | 2.2 | 6 |
| 124 | Analgesic therapy for major spine surgery. <i>Neurosurgical Review</i> , 2015, 38, 407-419. | 2.4 | 24 |
| 125 | Outcomes following surgical intervention for impending and gross instability caused by multiple myeloma in the spinal column. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 301-309. | 1.7 | 53 |
| 126 | A Systematic Assessment of the Use of Platelet-Rich Plasma in Spinal Fusion. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1057-1070. | 2.5 | 18 |

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|-----|---|-----|-----------|
| 127 | Bilateral pulmonary emboli associated with intraoperative use of thrombin-based hemostatic matrix following lumbar spine interbody fusion. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1502-1505. | 1.5 | 13 |
| 128 | Tokuhashi score is predictive of survival in a cohort of patients undergoing surgery for renal cell carcinoma spinal metastases. <i>European Spine Journal</i> , 2015, 24, 2142-2149. | 2.2 | 10 |
| 129 | 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. | 1.6 | 57 |
| 130 | Soft-tissue reconstruction after total en bloc sacrectomy. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 571-581. | 1.7 | 43 |
| 131 | Factors Associated with Life Expectancy in Patients with Metastatic Spine Disease from Adenocarcinoma of the Lung. <i>Global Spine Journal</i> , 2015, 5, 417-424. | 2.3 | 23 |
| 132 | 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. | 1.4 | 43 |
| 133 | Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629. | 1.7 | 26 |
| 134 | Effect of Single versus Hypofractionated Focused Radiation Therapy on Vertebral Structure. <i>Spine Journal</i> , 2015, 15, S186-S187. | 1.3 | 1 |
| 135 | Epidemiologic, functional, and oncologic outcome analysis of spinal sarcomas treated surgically at a single institution over 10 years. <i>Spine Journal</i> , 2015, 15, 110-114. | 1.3 | 21 |
| 136 | Intercostal aneurysm causing spinal cord compression in an NF1 patient. <i>European Spine Journal</i> , 2015, 24, 940-944. | 2.2 | 2 |
| 137 | The cost-effectiveness of interbody fusions versus posterolateral fusions in 137 patients with lumbar spondylolisthesis. <i>Spine Journal</i> , 2015, 15, 492-498. | 1.3 | 51 |
| 138 | Clinical and surgical outcomes after lumbar laminectomy: An analysis of 500 patients. , 2015, 6, 190. | | 40 |
| 139 | Surgical management of osteoblastoma of the spine: case series and review of the literature. <i>Turkish Neurosurgery</i> , 2015, 26, 601-7. | 0.2 | 11 |
| 140 | Systematic approach for anterior corpectomy through a transthoracic exposure. <i>Turkish Neurosurgery</i> , 2015, 26, 646-52. | 0.2 | 4 |
| 141 | Effects of Single versus Hypofractionated Focused Radiation Therapy on Vertebral Structure and Biomechanical Integrity. <i>Global Spine Journal</i> , 2015, 5, s-0035-1554349-s-0035-1554349. | 2.3 | 0 |
| 142 | Techniques and accuracy of thoracolumbar pedicle screw placement. <i>World Journal of Orthopedics</i> , 2014, 5, 112. | 1.8 | 103 |
| 143 | En bloc hemisacrectomy and internal hemipelvectomy via the posterior approach. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 458-467. | 1.7 | 11 |
| 144 | Spinal Instrumentation in Patients with Primary Spinal Infections Does Not Lead to Greater Recurrent Infection Rates: An Analysis of 118 Cases. <i>World Neurosurgery</i> , 2014, 82, e807-e814. | 1.3 | 53 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | A novel method of anterior lumbosacral cage reconstruction. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 204-208. | 1.7 | 1 |
| 146 | Incidence and Clinical Significance of Vascular Encroachment Resulting From Freehand Placement of Pedicle Screws in the Thoracic and Lumbar Spine. <i>Spine</i> , 2014, 39, 683-687. | 2.0 | 58 |
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