# Jau-Ching Wu

List of Publications by Year
in descending order



| 168 | 3,921 | 117625 | 155660 |
|---|---|---|---|
| papers | citations | 34 h-index | 55 g-index |

| 169 | 169 | 169 | 3407 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Taiwanâ€™s National Health Insurance Research Database: administrative health care database as study object in bibliometrics. Scientometrics, 2011, 86, 365-380. | 3.0 | 253 |
| 2 | Epidemiology of cervical spondylotic myelopathy and its risk of causing spinal cord injury: a national cohort study. Neurosurgical Focus, 2013, 35, E10. | 2.3 | 152 |
| 3 | Analysis of the three United States Food and Drug Administration investigational device exemption cervical arthroplasty trials. Journal of Neurosurgery: Spine, 2012, 16, 216-228. | 1.7 | 130 |
| 4 | Pedicle screw loosening in dynamic stabilization: incidence, risk, and outcome in 126 patients. Neurosurgical Focus, 2011, 31, E9. | 2.3 | 124 |
| 5 | Artificial intelligence-based decision-making for age-related macular degeneration. Theranostics, 2019, 9, 232-245. | 10.0 | 116 |
| 6 | Increased risk of stroke after spinal cord injury. Neurology, 2012, 78, 1051-1057. | 1.1 | 110 |
| 7 | Screw loosening in the Dynesys stabilization system: radiographic evidence and effect on outcomes. Neurosurgical Focus, 2010, 28, E10. | 2.3 | 100 |
| 8 | Heterotopic ossification after cervical total disc replacement: determination by CT and effects on clinical outcomes. Journal of Neurosurgery: Spine, 2011, 14, 457-465. | 1.7 | 89 |
| 9 | The Incidence of Adjacent Segment Disease Requiring Surgery After Anterior Cervical Diskectomy and Fusion: Estimation Using an 11-Year Comprehensive Nationwide Database in Taiwan. Neurosurgery, 2012, 70, 594-601. | 1.1 | 82 |
| 10 | Differences between 1- and 2-level cervical arthroplasty: more heterotopic ossification in 2-level disc replacement. Journal of Neurosurgery: Spine, 2012, 16, 594-600. | 1.7 | 77 |
| 11 | Acidic fibroblast growth factor for repair of human spinal cord injury: a clinical trial. Journal of Neurosurgery: Spine, 2011, 15, 216-227. | 1.7 | 74 |
| 12 | The effects of carpentry on heterotopic ossification and mobility in cervical arthroplasty: determination by computed tomography with a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2012, 16, 601-609. | 1.7 | 74 |
| 13 | Differences between arthroplasty and anterior cervical fusion in two-level cervical degenerative disc disease. European Spine Journal, 2014, 23, 627-634. | 2.2 | 64 |
| 14 | Endoscopic transnasal transclival odontoidectomy: a new approach to decompression: technical case report. Neurosurgery, 2008, 63, ONSE92-4; discussion ONSE94. | 1.1 | 63 |
| 15 | Nerve repair using acidic fibroblast growth factor in human cervical spinal cord injury: a preliminary Phase I clinical study. Journal of Neurosurgery: Spine, 2008, 8, 208-214. | 1.7 | 58 |
| 16 | Differences between soft-disc herniation and spondylosis in cervical arthroplasty: CT-documented heterotopic ossification with minimum 2 years of follow-up. Journal of Neurosurgery: Spine, 2012, 16, 163-171. | 1.7 | 57 |
| 17 | Prescription patterns of Chinese herbal products for menopausal syndrome: Analysis of a nationwide prescription database. Journal of Ethnopharmacology, 2011, 137, 1261-1266. | 4.1 | 54 |
| 18 | Combined transnasal and transoral endoscopic approaches to the craniovertebral junction. Journal of Craniovertebral Junction and Spine, 2010, 1, 44. | 0.8 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Avoidance of wrong-level thoracic spine surgery: intraoperative localization with preoperative percutaneous fiducial screw placement. Journal of Neurosurgery: Spine, 2012, 16, 280-284. | 1.7 | 51 |
| 20 | Ossification of the Posterior Longitudinal Ligament in Cervical Spine: Prevalence, Management, and Prognosis. Neurospine, 2018, 15, 33-41. | 2.9 | 51 |
| 21 | Academic Impact of a Public Electronic Health Database: Bibliometric Analysis of Studies Using the General Practice Research Database. PLoS ONE, 2011, 6, e21404. | 2.5 | 50 |
| 22 | Dynamic stabilization for degenerative spondylolisthesis: Evaluation of radiographic and clinical outcomes. Clinical Neurology and Neurosurgery, 2013, 115, 535-541. | 1.4 | 49 |
| 23 | Multilevel Arthroplasty for Cervical Spondylosis. Spine, 2012, 37, E1251-E1259. | 2.0 | 48 |
| 24 | Ossification of the posterior longitudinal ligament in the cervical spine: an 11-year comprehensive national epidemiology study. Neurosurgical Focus, 2011, 30, E5. | 2.3 | 47 |
| 25 | Conservatively Treated Ossification of the Posterior Longitudinal Ligament Increases the Risk of Spinal Cord Injury: A Nationwide Cohort Study. Journal of Neurotrauma, 2012, 29, 462-468. | 3.4 | 47 |
| 26 | Cervical artificial disc replacement versus fusion in the cervical spine: a systematic review comparing long-term follow-up results from two FDA trials. Evidence-based Spine-care Journal, 2012, 3, 59-66. | 0.9 | 46 |
| 27 | Arthroplasty for cervical spondylotic myelopathy: similar results to patients with only radiculopathy at 3 years' follow-up. Journal of Neurosurgery: Spine, 2014, 21, 400-410. | 1.7 | 45 |
| 28 | Endoscopic transnasal odontoidectomy without resection of nasal turbinates: clinical outcomes of 13 patients. Journal of Neurosurgery: Spine, 2014, 21, 929-937. | 1.7 | 42 |
| 29 | A publicly available database accelerates academic production. BMJ: British Medical Journal, 2011, 342, d637-d637. | 2.3 | 41 |
| 30 | Risk of spinal cord injury in patients with cervical spondylotic myelopathy and ossification of posterior longitudinal ligament: a national cohort study. Neurosurgical Focus, 2016, 40, E4. | 2.3 | 39 |
| 31 | Editorial. COVID-19 and spinal surgery. Journal of Neurosurgery: Spine, 2020, 33, 1-3. | 1.7 | 39 |
| 32 | Effects of Age, Gender, and Socio-Economic Status on the Incidence of Spinal Cord Injury: An Assessment Using the Eleven-Year Comprehensive Nationwide Database of Taiwan. Journal of Neurotrauma, 2012, 29, 889-897. | 3.4 | 38 |
| 33 | The Importance of Platybasia and the Palatine Line in Patient Selection for Endonasal Surgery of the Craniocervical Junction: A Radiographic Study of 12 Patients. World Neurosurgery, 2011, 76, 183-188. | 1.3 | 37 |
| 34 | Gamma Knife Radiosurgery for Glomus Jugulare and Tympanicum. Stereotactic and Functional Neurosurgery, 2011, 89, 291-298. | 1.5 | 36 |
| 35 | Characteristics of Pediatric Traditional Chinese Medicine Users in Taiwan: A Nationwide Cohort Study. Pediatrics, 2012, 129, e1485-e1492. | 2.1 | 36 |
| 36 | Can segmental mobility be increased by cervical arthroplasty?. Neurosurgical Focus, 2017, 42, E3. | 2.3 | 36 |

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|---|---|---|---|
| 37 | Primary Endoscopic Transnasal Transsphenoidal Surgery for Giant Pituitary Adenoma. World Neurosurgery, 2016, 91, 121-128. | 1.3 | 34 |
| 38 | Postoperative nonsteroidal antiinflammatory drugs and the prevention of heterotopic ossification after cervical arthroplasty: analysis using CT and a minimum 2-year follow-up. Journal of Neurosurgery: Spine, 2015, 22, 447-453. | 1.7 | 33 |
| 39 | ENDOSCOPIC TRANSNASAL TRANSCLIVAL ODONTOIDECTOMY. Operative Neurosurgery, 2008, 63, ONSE92-ONSE94. | 0.8 | 32 |
| 40 | The Option of Motion Preservation in Cervical Spondylosis: Cervical Disc Arthroplasty Update. Neurospine, 2018, 15, 296-305. | 2.9 | 32 |
| 41 | Is cervical disc arthroplasty good for congenital cervical stenosis?. Journal of Neurosurgery: Spine, 2017, 26, 577-585. | 1.7 | 30 |
| 42 | Less Opioid Consumption With Enhanced Recovery After Surgery Transforaminal Lumbar Interbody Fusion (TLIF): A Comparison to Standard Minimally-Invasive TLIF. Neurospine, 2020, 17, 228-236. | 2.9 | 30 |
| 43 | Laminoplasty outcomes: is there a difference between patients with degenerative stenosis and those with ossification of the posterior longitudinal ligament?. Neurosurgical Focus, 2011, 30, E9. | 2.3 | 29 |
| 44 | Cervical Arthroplasty for Traumatic Disc Herniation: An Age- and Sex-matched Comparison with Anterior Cervical Discectomy and Fusion. BMC Musculoskeletal Disorders, 2015, 16, 228. | 1.9 | 29 |
| 45 | Recent advances in the management of cervical spondylotic myelopathy: bibliometric analysis and surgical perspectives. Journal of Neurosurgery: Spine, 2019, 31, 299-309. | 1.7 | 29 |
| 46 | Anterior corpectomy versus posterior laminoplasty: is the risk of postoperative C-5 palsy different?. Neurosurgical Focus, 2011, 31, E12. | 2.3 | 28 |
| 47 | Dynamic stabilization for L4â€“5 spondylolisthesis: comparison with minimally invasive transforaminal lumbar interbody fusion with more than 2 years of follow-up. Neurosurgical Focus, 2016, 40, E3. | 2.3 | 28 |
| 48 | Age, Sex, and Socio-Economic Status Affect the Incidence of Pediatric Spinal Cord Injury: An Eleven-Year National Cohort Study. PLoS ONE, 2012, 7, e39264. | 2.5 | 28 |
| 49 | Hybrid Corpectomy and Disc Arthroplasty for Cervical Spondylotic Myelopathy Caused by Ossification of Posterior Longitudinal Ligament and Disc Herniation. World Neurosurgery, 2016, 95, 22-30. | 1.3 | 27 |
| 50 | Radiological adjacent-segment degeneration in L4â€“5 spondylolisthesis: comparison between dynamic stabilization and minimally invasive transforaminal lumbar interbody fusion. Journal of Neurosurgery: Spine, 2018, 29, 250-258. | 1.7 | 27 |
| 51 | Increased Risk of Stroke in Patients of Concussion: A Nationwide Cohort Study. International Journal of Environmental Research and Public Health, 2017, 14, 230. | 2.6 | 26 |
| 52 | Dynesys dynamic stabilizationâ€“related facet arthrodesis. Neurosurgical Focus, 2016, 40, E4. | 2.3 | 24 |
| 53 | Should Cervical Disc Arthroplasty Be Done on Patients with Increased Intramedullary Signal Intensity on Magnetic Resonance Imaging?. World Neurosurgery, 2016, 89, 489-496. | 1.3 | 24 |
| 54 | Intervertebral Disc Rehydration after Lumbar Dynamic Stabilization: Magnetic Resonance Image Evaluation with a Mean Followup of Four Years. Advances in Orthopedics, 2013, 2013, 1-8. | 1.0 | 23 |

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| 55 | Differences between C3â€“4 and other subaxial levels of cervical disc arthroplasty: more heterotopic ossification at the 5-year follow-up. Journal of Neurosurgery: Spine, 2016, 24, 752-759. | 1.7 | 23 |
| 56 | Risk factors of second surgery for adjacent segment disease following anterior cervical discectomy and fusion: A 16-year cohort study. International Journal of Surgery, 2019, 68, 48-55. | 2.7 | 23 |
| 57 | Differences in fixation strength among constructs of atlantoaxial fixation. Journal of Neurosurgery: Spine, 2019, 30, 52-59. | 1.7 | 23 |
| 58 | Use of traditional Chinese medicine reduces exposure to corticosteroid among atopic dermatitis children: A 1-year follow-up cohort study. Journal of Ethnopharmacology, 2015, 159, 189-196. | 4.1 | 22 |
| 59 | The Effect of Lumbar Lordosis on Screw Loosening in Dynesys Dynamic Stabilization: Four-Year Follow-Up with Computed Tomography. BioMed Research International, 2015, 2015, 1-8. | 1.9 | 20 |
| 60 | Functional improvement in chronic human spinal cord injury: Four years after acidic fibroblast growth factor. Scientific Reports, 2018, 8, 12691. | 3.3 | 20 |
| 61 | Combined treatment using peripheral nerve graft and FGF-1: Changes to the glial environment and differential macrophage reaction in a complete transected spinal cord. Neuroscience Letters, 2008, 433, 163-169. | 2.1 | 19 |
| 62 | The importance of atlantoaxial fixation after odontoidectomy. Journal of Neurosurgery: Spine, 2016, 24, 300-308. | 1.7 | 19 |
| 63 | Herpes Zoster Cervical Myelitis in a Young Adult. Journal of the Chinese Medical Association, 2010, 73, 605-610. | 1.4 | 18 |
| 64 | Diseases of the Odontoid and Craniovertebral Junction with Management by Endoscopic Approaches. Otolaryngologic Clinics of North America, 2011, 44, 1029-1042. | 1.1 | 18 |
| 65 | Vertebral body split fracture after a single-level cervical total disc replacement. Journal of Neurosurgery: Spine, 2012, 16, 231-235. | 1.7 | 18 |
| 66 | Hospitalized osteoporotic vertebral fracture increases the risk of stroke: A population-based cohort study. Journal of Bone and Mineral Research, 2013, 28, 516-523. | 2.8 | 18 |
| 67 | Acidic Fibroblast Growth Factor in Spinal Cord Injury. Neurospine, 2019, 16, 728-738. | 2.9 | 18 |
| 68 | Cervical disc arthroplasty for less-mobile discs. Journal of Neurosurgery: Spine, 2019, 31, 310-316. | 1.7 | 18 |
| 69 | A novel strategy for repairing preganglionic cervical root avulsion in brachial plexus injury by sural nerve grafting. Journal of Neurosurgery, 2009, 110, 775-785. | 1.6 | 17 |
| 70 | Primary Endoscopic Transnasal Transsphenoidal Surgery for Magnetic Resonance Imageâ€“Positive Cushing Disease: Outcomes of a Series over 14 Years. World Neurosurgery, 2015, 84, 772-779. | 1.3 | 17 |
| 71 | A Hybrid Dynamic Stabilization and Fusion System in Multilevel Lumbar Spondylosis. Neurospine, 2018, 15, 231-241. | 2.9 | 17 |
| 72 | Effects of smoking on cervical disc arthroplasty. Journal of Neurosurgery: Spine, 2019, 30, 168-174. | 1.7 | 17 |

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|---|---|---|---|
| 73 | Natural History of Acromegaly: Incidences, Re-operations, Cancers, and Mortality Rates in a National Cohort. Neuroendocrinology, 2020, 110, 977-987. | 2.5 | 17 |
| 74 | Comparison of Radiation Exposure Between O-Arm Navigated and C-Arm Guided Screw Placement in Minimally Invasive Transforaminal Lumbar Interbody Fusion. World Neurosurgery, 2020, 139, e489-e495. | 1.3 | 17 |
| 75 | Radiological and clinical outcomes of 3-level cervical disc arthroplasty. Journal of Neurosurgery: Spine, 2020, 32, 174-181. | 1.7 | 17 |
| 76 | Traumatic Brain Injury in Early Childhood and Risk of Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder. Journal of Clinical Psychiatry, 2018, 79, . | 2.2 | 17 |
| 77 | Stabilization of subaxial cervical spines by lateral mass screw fixation with modified Magerl's technique. World Neurosurgery, 2008, 70, S25-S33. | 1.3 | 15 |
| 78 | Minimally invasive tethered cord release in adults: a comparison of open and mini-open approaches. Neurosurgical Focus, 2010, 29, E7. | 2.3 | 15 |
| 79 | Using Lumbar Interspinous Anchor with Transforaminal Lumbar Interbody Fixation. World Neurosurgery, 2010, 73, 471-472. | 1.3 | 14 |
| 80 | Remote cerebellar hemorrhage after cervical spinal surgery. Journal of the Chinese Medical Association, 2013, 76, 593-598. | 1.4 | 13 |
| 81 | Spinal Motion Preservation Surgery. BioMed Research International, 2015, 2015, 1-3. | 1.9 | 13 |
| 82 | Scoliosis may increase the risk of recurrence of lumbar disc herniation after microdiscectomy. Journal of Neurosurgery: Spine, 2016, 24, 586-591. | 1.7 | 13 |
| 83 | Resection of uncovertebral joints and posterior longitudinal ligament for cervical disc arthroplasty. Neurosurgical Focus, 2017, 42, V2. | 2.3 | 13 |
| 84 | Serious dysphagia following anterior cervical discectomy and fusion: long-term incidence in a national cohort. Journal of Neurosurgical Sciences, 2020, 64, 231-237. | 0.6 | 13 |
| 85 | Mini-Open and Minimally Invasive Transforaminal Lumbar Interbody Fusion: Technique Review. Seminars in Spine Surgery, 2011, 23, 45-50. | 0.2 | 12 |
| 86 | Radiological and clinical outcomes of cervical disc arthroplasty for the elderly: a comparison with young patients. BMC Musculoskeletal Disorders, 2019, 20, 115. | 1.9 | 12 |
| 87 | The Effect of T1-Slope in Spinal Parameters After Cervical Disc Arthroplasty. Neurosurgery, 2020, 87, 1231-1239. | 1.1 | 12 |
| 88 | Correlation Between Ventriculoperitoneal Shunts and Inguinal Hernias in Children: An 8-Year Follow-up. Pediatrics, 2011, 128, e121-e126. | 2.1 | 11 |
| 89 | Systemic Sclerosis and the Risk of Tuberculosis. Journal of Rheumatology, 2014, 41, 1662-1669. | 2.0 | 11 |
| 90 | Hybrid cervical disc arthroplasty. Neurosurgical Focus, 2017, 42, V5. | 2.3 | 11 |

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| 91 | Risk of attempted suicide among adolescents and young adults with traumatic brain injury: A nationwide longitudinal study. Journal of Affective Disorders, 2019, 250, 21-25. | 4.1 | 11 |
| 92 | Anterior Cervical Discectomy and Fusion for Hirayama Disease: A Case Report and Literature Review. Neurospine, 2019, 16, 626-630. | 2.9 | 11 |
| 93 | Techniques of Atlantoaxial Fixation and the Resection of C2 Nerve Root. World Neurosurgery, 2012, 78, 603-604. | 1.3 | 10 |
| 94 | Cervical total disc replacement. Formosan Journal of Surgery, 2014, 47, 49-52. | 0.2 | 10 |
| 95 | Changes of Facet Joints After Dynamic Stabilization: Continuous Degeneration orÂSlow Fusion?. World Neurosurgery, 2018, 113, e45-e50. | 1.3 | 10 |
| 96 | Unintended facet fusions after Dynesys dynamic stabilization in patients with spondylolisthesis. Journal of Neurosurgery: Spine, 2019, 30, 353-361. | 1.7 | 10 |
| 97 | Risk Factors and Incidence Rates of Self-Reported Short-Term Adverse Events of COVID-19 Vaccine Booster Dose. Vaccines, 2022, 10, 1115. | 4.4 | 10 |
| 98 | The risk of stroke after spinal fusion surgery: a national cohort study. Spine Journal, 2012, 12, 492-499. | 1.3 | 9 |
| 99 | Lumbar spine fusion surgery and stroke: a national cohort study. European Spine Journal, 2012, 21, 2680-2687. | 2.2 | 9 |
| 100 | Correlation of bone density to screw loosening in dynamic stabilization: an analysis of 176 patients. Scientific Reports, 2021, 11, 17519. | 3.3 | 9 |
| 101 | Effects of smoking on pedicle screwâ€“based dynamic stabilization: radiological and clinical evaluations of screw loosening in 306 patients. Journal of Neurosurgery: Spine, 2020, 33, 398-405. | 1.7 | 9 |
| 102 | Coexistence of neurofibroma and meningioma at exactly the same level of the cervical spine. Journal of the Chinese Medical Association, 2014, 77, 594-597. | 1.4 | 8 |
| 103 | Early Discharge for Anterior Cervical Fusion Surgery: Prediction of Readmission and Special Considerations for Older Adults. International Journal of Environmental Research and Public Health, 2019, 16, 641. | 2.6 | 7 |
| 104 | Cervical disc arthroplasty for Klippel-Feil syndrome. Clinical Neurology and Neurosurgery, 2021, 209, 106934. | 1.4 | 7 |
| 105 | Prestige Cervical Arthroplasty. Techniques in Orthopaedics, 2010, 25, 108-113. | 0.2 | 6 |
| 106 | PRESTIGE Cervical Arthroplasty: Past, Present, and Future. Seminars in Spine Surgery, 2012, 24, 14-19. | 0.2 | 6 |
| 107 | Younger Boys Have a Higher Risk of Inguinal Hernia after Ventriculo-Peritoneal Shunt: A 13-Year Nationwide Cohort Study. Journal of the American College of Surgeons, 2012, 214, 845-851. | 0.5 | 6 |
| 108 | Letter to the Editor: Calcified meningiomas. Journal of Neurosurgery: Spine, 2014, 20, 117-119. | 1.7 | 6 |

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| 109 | Minimally invasive dynamic screw stabilization using cortical bone trajectory. BMC Musculoskeletal Disorders, 2020, 21, 605. | 1.9 | 6 |
| 110 | Preservation Versus Elimination of Segmental Motion in Anterior Cervical Spine Surgery. Neurospine, 2019, 16, 576-578. | 2.9 | 6 |
| 111 | Combined Anterior and Posterior Decompression With Fusion for Cervical Ossification of the Posterior Longitudinal Ligament. Frontiers in Surgery, 2021, 8, 730133. | 1.4 | 6 |
| 112 | Anterior Bone Loss in Cervical Disc Arthroplasty Correlates with Increased Cervical Lordosis. World Neurosurgery, 2022, , . | 1.3 | 6 |
| 113 | Combined Results of the 3 US IDE Randomized Cervical Arthroplasty Trials With 2-Years of Follow-up. Neurosurgery, 2010, 67, 543. | 1.1 | 5 |
| 114 | Spinal Arthroplasty: Differences Between the Cervical and Lumbar Spine. World Neurosurgery, 2012, 78, 245-246. | 1.3 | 5 |
| 115 | Intracranial subdural hematoma coexisting with improvement in spontaneous intracranial hypotension after an epidural blood patch. Journal of the Chinese Medical Association, 2012, 75, 610-613. | 1.4 | 5 |
| 116 | Tetanus Vaccination and Extra-Immunization among Adult Populations: Eight-Year Follow Up Cohort Study of 771,443 Adults in Taiwan, 2006â€“2013. International Journal of Environmental Research and Public Health, 2018, 15, 1622. | 2.6 | 5 |
| 117 | Long Term Outcomes and Effects of Surgery on Degenerative Spinal Deformity: A 14-Year National Cohort Study. Journal of Clinical Medicine, 2019, 8, 483. | 2.4 | 5 |
| 118 | Letter to the Editor: Reduction of atlantoaxial subluxation. Journal of Neurosurgery: Spine, 2014, 20, 121-123. | 1.7 | 4 |
| 119 | Hydrocephalus Caused by Fat Embolism: A Rare Complication of Atlanto-Axial Fixation for Odontoid Fractures. World Neurosurgery, 2016, 90, 700.e7-700.e12. | 1.3 | 4 |
| 120 | Stepwise illustration of teeth-fixation semi-constrained cervical disc arthroplasty. Neurosurgical Focus, 2017, 42, V4. | 2.3 | 4 |
| 121 | Letter to the Editor: Pedicle screwâ€“based dynamic stabilization and adjacent-segment disease. Journal of Neurosurgery: Spine, 2017, 26, 405-406. | 1.7 | 4 |
| 122 | Surgical Treatment for a Giant Solitary Plasmacytoma with Skull Erosion. Cureus, 2018, 10, e3535. | 0.5 | 4 |
| 123 | Monkey Recovery from Spinal Cord Hemisection: Nerve Repair Strategies for Rhesus Macaques. World Neurosurgery, 2019, 129, e343-e351. | 1.3 | 4 |
| 124 | Assess the Performance and Cost-Effectiveness of LACE and HOSPITAL Re-Admission Prediction Models as a Risk Management Tool for Home Care Patients: An Evaluation Study of a Medical Center Affiliated Home Care Unit in Taiwan. International Journal of Environmental Research and Public Health, 2020, 17, 927. | 2.6 | 4 |
| 125 | The Application of an Omentum Graft or Flap in Spinal Cord Injury. International Journal of Molecular Sciences, 2021, 22, 7930. | 4.1 | 4 |
| 126 | Cranio-Vertebral Junction Triangular Area: Quantification of Brain Stem Compression by Magnetic Resonance Images. Brain Sciences, 2021, 11, 64. | 2.3 | 4 |

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|---|---|---|---|
| 127 | Suture Repair in Endoscopic Surgery for Craniovertebral Junction. Neurospine, 2019, 16, 257-266. | 2.9 | 4 |
| 128 | Simple parameters of synthetic MRI for assessment of bone density in patients with spinal degenerative disease. Journal of Neurosurgery: Spine, 2022, 36, 414-421. | 1.7 | 4 |
| 129 | Primary Choroid Plexus Papilloma over Sellar Region Mimicking with Craniopharyngioma: A Case Report and Literature Review. Cureus, 2018, 10, e2849. | 0.5 | 4 |
| 130 | Iatrogenic cerebrospinal fluid leak after repeated nasal swab tests for COVID-19: illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, . | 0.3 | 4 |
| 131 | Augmented Reality-Assisted Percutaneous Pedicle Screw Instrumentation: A Cadaveric Feasibility and Accuracy Study. Applied Sciences (Switzerland), 2022, 12, 5261. | 2.5 | 4 |
| 132 | One-stage posterior resection is feasible for a holovertebral aneurysmal bone cyst of the axis: a case report and literature review. World Neurosurgery, 2009, 72, S80-S85. | 1.3 | 3 |
| 133 | Lumbar Disc Herniation and Surgical Management. World Neurosurgery, 2010, 74, 572-573. | 1.3 | 3 |
| 134 | Letter to the Editor: Complication avoidance in intradural extramedullary spinal tumors. Journal of Neurosurgery: Spine, 2014, 20, 768-769. | 1.7 | 3 |
| 135 | Letter to the Editor: Lumbar disc mimicking tumor. Journal of Neurosurgery: Spine, 2014, 20, 767-768. | 1.7 | 3 |
| 136 | Microendoscopic Cervical Foraminotomy and Discectomy: Are We There Yet?. World Neurosurgery, 2014, 81, 290-291. | 1.3 | 3 |
| 137 | Heterotopic Ossification in Cervical Disc Arthroplasty. Contemporary Spine Surgery, 2017, 18, 1-5. | 0.1 | 3 |
| 138 | Unusual imaging presentation of spinal glomus tumor: case report. Journal of Spine Surgery, 2017, 3, 715-718. | 1.2 | 3 |
| 139 | Characteristics of Non-Emergent Visits in Emergency Departments: Profiles and Longitudinal Pattern Changes in Taiwan, 2000â€“2010. International Journal of Environmental Research and Public Health, 2019, 16, 1999. | 2.6 | 3 |
| 140 | The Risk of Stroke after Percutaneous Vertebroplasty for Osteoporosis: A Population-Based Cohort Study. PLoS ONE, 2012, 7, e31405. | 2.5 | 2 |
| 141 | Endoscope-assisted minimally invasive transforaminal thoracic interbody fusion. Neurosurgical Focus, 2013, 35, Video11. | 2.3 | 2 |
| 142 | Hyperlipidemia and Statins Affect Neurological Outcome in Lumbar Spine Injury. International Journal of Environmental Research and Public Health, 2015, 12, 402-413. | 2.6 | 2 |
| 143 | Letter to the Editor: Cervical disc arthroplasty: nonconstrained versus semiconstrained. Journal of Neurosurgery: Spine, 2015, 23, 394-395. | 1.7 | 2 |
| 144 | Letter to the Editor: Endoscopic transsphenoidal pituitary surgery. Journal of Neurosurgery, 2017, 126, 1022-1023. | 1.6 | 2 |

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| 145 | Commentary: Low-Grade Infection and Implant Failure Following Spinal Instrumentation: A Prospective Comparative Study. Neurosurgery, 2020, 87, E541-E542. | 1.1 | 2 |
| 146 | Bilateral Cavernous Sinus Dural Arteriovenous Fistulae. Clinical Neuroradiology, 2021, 31, 165-172. | 1.9 | 2 |
| 147 | Cervical disc arthroplasty at C2â€“3: illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, . | 0.3 | 2 |
| 148 | Late complication of cervical disc arthroplasty: heterotopic ossification causing myelopathy after 10 years. Illustrative case. Journal of Neurosurgery Case Lessons, 2021, 2, . | 0.3 | 2 |
| 149 | Mini-open removal of intradural spinal tumor. Neurosurgical Focus, 2012, 33, 1. | 2.3 | 1 |
| 150 | Letters to the editor: Hypermobility accelerates adjacent-segment disease after ACDF?. Journal of Neurosurgery: Spine, 2014, 21, 494-495. | 1.7 | 1 |
| 151 | Reduction of high-grade lumbosacral spondylolisthesis by minimally invasive transforaminal lumbar interbody fusion: A technical note. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2015, 2, 79-82. | 0.3 | 1 |
| 152 | Lower Risk of Stroke after Deformity Surgery: Long Term Benefit Demonstrated by a National Cohort Study. International Journal of Environmental Research and Public Health, 2015, 12, 12618-12627. | 2.6 | 1 |
| 153 | Taiwan Neurosurgical Spine Society: The New Shining Star. Neurospine, 2018, 15, 285-295. | 2.9 | 1 |
| 154 | Five-year medical expenses of central cord syndrome: analysis using a national cohort. Journal of Neurosurgical Sciences, 2020, 64, 147-153. | 0.6 | 1 |
| 155 | Editorial. Bulk floating of the ossification of the posterior longitudinal ligament: direct decompression without durotomy. Journal of Neurosurgery: Spine, 2022, 37, 1-2. | 1.7 | 1 |
| 156 | Letter to the Editor: Arthroplasty. Journal of Neurosurgery: Spine, 2013, 19, 264-266. | 1.7 | 0 |
| 157 | Risk factors of meningioma. Journal of the Chinese Medical Association, 2014, 77, 451-452. | 1.4 | 0 |
| 158 | Letter to the Editor: Differences between Dynamic Cervical Implant and artificial discs. Journal of Neurosurgery: Spine, 2015, 23, 534-536. | 1.7 | 0 |
| 159 | Letter to the Editor: Post-ACDF imaging in patients with metallic implants. Journal of Neurosurgery: Spine, 2016, 25, 418-419. | 1.7 | 0 |
| 160 | Letter to the Editor: Strategic use of cone-beam CT in modern spine surgery. Journal of Neurosurgery: Spine, 2017, 26, 544-545. | 1.7 | 0 |
| 161 | Measuring Optic Nerve Sheath Diameter as a Proxy for Intracranial Pressure. JAMA Ophthalmology, 2018, 136, 1310. | 2.5 | 0 |
| 162 | Higher Risk of Intervertebral Disc Herniation among Neurosurgeons Than Neurologists: 15 Year-Follow-Up of a Physician Cohort. Journal of Clinical Medicine, 2018, 7, 198. | 2.4 | 0 |

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| 163 | Early Discharged Lumbar Spine Fusion Reduced Postoperative Readmissions: A Retrospective Cohort Study. International Journal of Environmental Research and Public Health, 2020, 17, 1335. | 2.6 | 0 |
| 164 | Clowardâ€™s approach for Pancoast neurogenic tumors: illustrative cases. Journal of Neurosurgery Case Lessons, 2021, 1, . | 0.3 | 0 |
| 165 | Traumatic Vertebral Fracture in a Patient With Transforaminal Lumbar Interbody Fusion: A Rare Complication. Cureus, 2021, 13, e19004. | 0.5 | 0 |
| 166 | Cervical Arthroplasty. , 2017, , 81-89. | | 0 |
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