

Wei Tian

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

3,212
citations

136740

32
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214527

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162
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docs citations

162
times ranked

3317
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Comparison of QCT and DXA: Osteoporosis Detection Rates in Postmenopausal Women. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-5. | 0.6 | 160 |
| 2 | Safety and accuracy of robot-assisted versus fluoroscopy-assisted pedicle screw insertion in thoracolumbar spinal surgery: a prospective randomized controlled trial. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 615-622. | 0.9 | 141 |
| 3 | Opportunistic Screening Using Low-Dose CT and the Prevalence of Osteoporosis in China: A Nationwide, Multicenter Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 427-435. | 3.1 | 109 |
| 4 | Robot-Assisted Versus Fluoroscopy-Assisted Cortical Bone Trajectory Screw Instrumentation in Lumbar Spinal Surgery: A Matched-Cohort Comparison. <i>World Neurosurgery</i> , 2018, 120, e745-e751. | 0.7 | 91 |
| 5 | Telerobotic Spinal Surgery Based on 5G Network: The First 12 Cases. <i>Neurospine</i> , 2020, 17, 114-120. | 1.1 | 85 |
| 6 | Self-Adaptive Antibacterial Porous Implants with Sustainable Responses for Infected Bone Defect Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1807915. | 7.8 | 82 |
| 7 | Robot-Assisted Posterior C1-C2 Transarticular Screw Fixation for Atlantoaxial Instability. <i>Spine</i> , 2016, 41, B2-B5. | 1.0 | 73 |
| 8 | Tunable Mechanical, Antibacterial, and Cytocompatible Hydrogels Based on a Functionalized Dual Network of Metal Coordination Bonds and Covalent Crosslinking. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6190-6198. | 4.0 | 61 |
| 9 | The prevalence and associated factors of symptomatic cervical Spondylosis in Chinese adults: a community-based cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 325. | 0.8 | 56 |
| 10 | Structure, physical properties, biocompatibility and in vitro/vivo degradation behavior of anti-infective polycaprolactone-based electrospun membranes for guided tissue/bone regeneration. <i>Polymer Degradation and Stability</i> , 2014, 109, 293-306. | 2.7 | 54 |
| 11 | Antimicrobial gelatin-based elastomer nanocomposite membrane loaded with ciprofloxacin and polymyxin B sulfate in halloysite nanotubes for wound dressing. <i>Materials Science and Engineering C</i> , 2018, 87, 128-138. | 3.8 | 53 |
| 12 | Comparison of Superior-Level Facet Joint Violations Between Robot-Assisted Percutaneous Pedicle Screw Placement and Conventional Open Fluoroscopic-Guided Pedicle Screw Placement. <i>Orthopaedic Surgery</i> , 2019, 11, 850-856. | 0.7 | 53 |
| 13 | Improved Accuracy of Cervical Spinal Surgery With Robot-Assisted Screw Insertion. <i>Spine</i> , 2020, 45, 285-291. | 1.0 | 53 |
| 14 | A Robot-Assisted Surgical System Using a Force-Image Control Method for Pedicle Screw Insertion. <i>PLoS ONE</i> , 2014, 9, e86346. | 1.1 | 52 |
| 15 | Analgesic Efficacy of Adductor Canal Block in Total Knee Arthroplasty: A Meta-analysis and Systematic Review. <i>Orthopaedic Surgery</i> , 2016, 8, 294-300. | 0.7 | 52 |
| 16 | <i>in vitro</i> degradation of starch/PVA films and biocompatibility evaluation. <i>Journal of Applied Polymer Science</i> , 2010, 115, 346-357. | 1.3 | 49 |
| 17 | Intrathecal Epigallocatechin Gallate Treatment Improves Functional Recovery After Spinal Cord Injury by Upregulating the Expression of BDNF and GDNF. <i>Neurochemical Research</i> , 2013, 38, 772-779. | 1.6 | 48 |
| 18 | Fabrication and evaluation of a homogeneous electrospun PCL-gelatin hybrid membrane as an anti-adhesion barrier for craniectomy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4063-4073. | 2.9 | 48 |

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|----|---|-----|-----------|
| 19 | Fabrication of drug-loaded anti-infective guided tissue regeneration membrane with adjustable biodegradation property. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 846-854. | 2.5 | 48 |
| 20 | Accuracy of lower cervical pedicle screw placement with assistance of distinct navigation systems: a human cadaveric study. <i>European Spine Journal</i> , 2013, 22, 148-155. | 1.0 | 47 |
| 21 | Robot-Assisted Versus Fluoroscopy-Guided Pedicle Screw Placement in Transforaminal Lumbar Interbody Fusion for Lumbar Degenerative Disease. <i>World Neurosurgery</i> , 2019, 125, e429-e434. | 0.7 | 47 |
| 22 | Structure and properties of thermoplastic poly(glycerol sebacate) elastomers originating from prepolymers with different molecular weights. <i>Journal of Applied Polymer Science</i> , 2007, 104, 1131-1137. | 1.3 | 45 |
| 23 | Robotic navigation during spine surgery. <i>Expert Review of Medical Devices</i> , 2020, 17, 27-32. | 1.4 | 45 |
| 24 | Does Previous Intra-Articular Steroid Injection Increase the Risk of Joint Infection Following Total Hip Arthroplasty or Total Knee Arthroplasty? A Meta-Analysis. <i>Medical Science Monitor</i> , 2014, 20, 1878-1883. | 0.5 | 45 |
| 25 | The Role of C2-C7 and C2 Angle in the Development of Dysphagia After Cervical Spine Surgery. <i>Dysphagia</i> , 2012, 28, 131-8. | 1.0 | 44 |
| 26 | Effect of Robot-Assisted Surgery on Lumbar Pedicle Screw Internal Fixation in Patients with Osteoporosis. <i>World Neurosurgery</i> , 2019, 125, e1057-e1062. | 0.7 | 44 |
| 27 | Robot-Assisted Anterior Odontoid Screw Fixation: A Case Report. <i>Orthopaedic Surgery</i> , 2016, 8, 400-404. | 0.7 | 42 |
| 28 | Current advances for bone regeneration based on tissue engineering strategies. <i>Frontiers of Medicine</i> , 2019, 13, 160-188. | 1.5 | 40 |
| 29 | Chinese expert consensus on the diagnosis of osteoporosis by imaging and bone mineral density. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2066-2077. | 1.1 | 40 |
| 30 | Posterior fixation and fusion of unstable Hangman's fracture by using intraoperative three-dimensional fluoroscopy-based navigation. <i>European Spine Journal</i> , 2012, 21, 863-871. | 1.0 | 37 |
| 31 | Accuracy and postoperative assessment of pedicle screw placement during scoliosis surgery with computer-assisted navigation: a meta-analysis. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1732. | 1.2 | 37 |
| 32 | Guideline for Thoracolumbar Pedicle Screw Placement Assisted by Orthopaedic Surgical Robot. <i>Orthopaedic Surgery</i> , 2019, 11, 153-159. | 0.7 | 36 |
| 33 | Artificial intelligence in orthopedic surgery. <i>Chinese Medical Journal</i> , 2019, 132, 2521-2523. | 0.9 | 35 |
| 34 | The effect of a multidisciplinary co-management program for the older hip fracture patients in Beijing: a pre- and post-retrospective study. <i>Archives of Osteoporosis</i> , 2019, 14, 43. | 1.0 | 34 |
| 35 | Computer-assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion May Be Better Than Open Surgery for Treating Degenerative Lumbar Disease. <i>Clinical Spine Surgery</i> , 2017, 30, 237-242. | 0.7 | 33 |
| 36 | Standalone oblique lateral interbody fusion vs. combined with percutaneous pedicle screw in spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 184. | 0.8 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The High Prevalence of Symptomatic Degenerative Lumbar Osteoarthritis in Chinese Adults. <i>Spine</i> , 2014, 39, 1301-1310. | 1.0 | 31 |
| 38 | Minimally Invasive Pedicle Screw Fixation Using Intraoperative 3-dimensional Fluoroscopy-based Navigation (CAMISS Technique) for Hangman Fracture. <i>Spine</i> , 2016, 41, 39-45. | 1.0 | 31 |
| 39 | Clinical Effects of Oblique Lateral Interbody Fusion by Conventional Open <i>versus</i> Percutaneous Robot-Assisted Minimally Invasive Pedicle Screw Placement in Elderly Patients. <i>Orthopaedic Surgery</i> , 2020, 12, 86-93. | 0.7 | 31 |
| 40 | The Role of C2–C7 Angle in the Development of Dysphagia After Anterior and Posterior Cervical Spine Surgery. <i>Clinical Spine Surgery</i> , 2017, 30, E1306-E1314. | 0.7 | 30 |
| 41 | Comparison of the Clinical and Radiographic Results Between Cervical Artificial Disk Replacement and Anterior Cervical Fusion. <i>Clinical Spine Surgery</i> , 2017, 30, E578-E586. | 0.7 | 30 |
| 42 | Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion in the Treatment of Lumbar Spondylolisthesis. <i>Orthopaedic Surgery</i> , 2021, 13, 1960-1968. | 0.7 | 29 |
| 43 | Effect of cyclic mechanical loading on immunoinflammatory microenvironment in biofabricating hydroxyapatite scaffold for bone regeneration. <i>Bioactive Materials</i> , 2021, 6, 3097-3108. | 8.6 | 29 |
| 44 | COX2 is involved in hypoxia-induced TNF- α expression in osteoblast. <i>Scientific Reports</i> , 2015, 5, 10020. | 1.6 | 27 |
| 45 | Robot-Assisted Percutaneous Transfacet Screw Fixation Supplementing Oblique Lateral Interbody Fusion Procedure: Accuracy and Safety Evaluation of This Novel Minimally Invasive Technique. <i>Orthopaedic Surgery</i> , 2019, 11, 25-33. | 0.7 | 27 |
| 46 | LncRNA expression and implication in osteosarcoma: a systematic review and meta-analysis. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 5355-5361. | 1.0 | 26 |
| 47 | Quantitative analysis of paraspinal muscle atrophy after oblique lateral interbody fusion alone vs. combined with percutaneous pedicle screw fixation in patients with spondylolisthesis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 30. | 0.8 | 26 |
| 48 | Neural stem cell transplantation in a double-layer collagen membrane with unequal pore sizes for spinal cord injury repair. <i>Neural Regeneration Research</i> , 2014, 9, 1014. | 1.6 | 24 |
| 49 | Robot-assisted percutaneous scaphoid fracture fixation: a report of ten patients. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 685-691. | 0.5 | 23 |
| 50 | Population-Stratified Analysis of Bone Mineral Density Distribution in Cervical and Lumbar Vertebrae of Chinese from Quantitative Computed Tomography. <i>Korean Journal of Radiology</i> , 2016, 17, 581. | 1.5 | 22 |
| 51 | Robot-assisted Percutaneous Pedicle Screw Placement Using Three-dimensional Fluoroscopy. <i>Chinese Medical Journal</i> , 2017, 130, 1617-1618. | 0.9 | 22 |
| 52 | Placement of pedicle screws using three-dimensional fluoroscopy-based navigation in lumbar vertebrae with axial rotation. <i>European Spine Journal</i> , 2010, 19, 1928-1935. | 1.0 | 20 |
| 53 | Descriptive Analysis on the Impacts of Universal Zero-Markup Drug Policy on a Chinese Urban Tertiary Hospital. <i>PLoS ONE</i> , 2016, 11, e0162795. | 1.1 | 18 |
| 54 | Comparison of 10-year Outcomes of Bryan Cervical Disc Arthroplasty for Myelopathy and Radiculopathy. <i>Orthopaedic Surgery</i> , 2019, 11, 1127-1134. | 0.7 | 18 |

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|----|---|-----|-----------|
| 55 | Rate and Risk Factors of Superior Facet Joint Violation during Cortical Bone Trajectory Screw Placement: A Comparison of Robot-Assisted Approach with a Conventional Technique. <i>Orthopaedic Surgery</i> , 2020, 12, 133-140. | 0.7 | 18 |
| 56 | CEMIP regulates the proliferation and migration of vascular smooth muscle cells in atherosclerosis through the WNT-beta-catenin signaling pathway. <i>Biochemistry and Cell Biology</i> , 2020, 98, 249-257. | 0.9 | 18 |
| 57 | An Analysis of Paravertebral Ossification in Cervical Artificial Disc Replacement: Novel Classification Based on Computed Tomography. <i>Orthopaedic Surgery</i> , 2016, 8, 440-446. | 0.7 | 17 |
| 58 | Clinical and radiological outcomes of cervical disc arthroplasty: ten-year follow-up study. <i>International Orthopaedics</i> , 2018, 42, 2389-2396. | 0.9 | 17 |
| 59 | Effective delivery of mitomycin and meloxicam by double-layer electrospun membranes for the prevention of epidural adhesions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 353-366. | 1.6 | 17 |
| 60 | State recognition of decompressive laminectomy with multiple information in robot-assisted surgery. <i>Artificial Intelligence in Medicine</i> , 2020, 102, 101763. | 3.8 | 17 |
| 61 | Benefits of Early Ambulation in Elderly Patients Undergoing Lumbar Decompression and Fusion Surgery: A Prospective Cohort Study. <i>Orthopaedic Surgery</i> , 2021, 13, 1319-1326. | 0.7 | 17 |
| 62 | Comparison of Outcomes between Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion and Oblique Lumbar Interbody Fusion in Single-Level Lumbar Spondylolisthesis. <i>Orthopaedic Surgery</i> , 2021, 13, 2093-2101. | 0.7 | 17 |
| 63 | Risk Factors of Unsatisfactory Robot-Assisted Pedicle Screw Placement: A Case-Control Study. <i>Neurospine</i> , 2021, 18, 839-844. | 1.1 | 17 |
| 64 | Intraoperative 3-Dimensional Navigation and Ultrasonography During Posterior Decompression With Instrumented Fusion for Ossification of the Posterior Longitudinal Ligament in the Thoracic Spine. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E227-E234. | 1.8 | 16 |
| 65 | Comparison of the Clinical Accuracy Between Point-to-Point Registration and Auto-Registration Using an Active Infrared Navigation System. <i>Spine</i> , 2018, 43, E1329-E1333. | 1.0 | 15 |
| 66 | Guideline for Posterior Atlantoaxial Internal Fixation Assisted by Orthopaedic Surgical Robot. <i>Orthopaedic Surgery</i> , 2019, 11, 160-166. | 0.7 | 15 |
| 67 | Occipital-C2 Transarticular Fixation for Occipitocervical Instability Associated With Occipitalization of the Atlas in Patients With Klippel-Feil Syndrome, Using Intraoperative 3-Dimensional Navigation System. <i>Spine</i> , 2013, 38, 642-649. | 1.0 | 14 |
| 68 | Posterior Reduction and Monosegmental Fusion with Intraoperative Three-dimensional Navigation System in the Treatment of High-grade Developmental Spondylolisthesis. <i>Chinese Medical Journal</i> , 2015, 128, 865-870. | 0.9 | 14 |
| 69 | Assessment of respiration-induced vertebral motion in prone-positioned patients during general anaesthesia. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 214-218. | 1.2 | 14 |
| 70 | Effect of Anterior Cervical Discectomy and Fusion on Patients with Atypical Symptoms Related to Cervical Spondylosis. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2016, 77, 395-399. | 0.4 | 14 |
| 71 | Generation and Development of Paravertebral Ossification in Cervical Artificial Disk Replacement. <i>Clinical Spine Surgery</i> , 2017, 30, E179-E188. | 0.7 | 14 |
| 72 | The accurate relationship between spine bone density and bone marrow in humans. <i>Bone</i> , 2020, 134, 115312. | 1.4 | 14 |

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|----|---|-----|-----------|
| 73 | The association of calcium intake with osteoporotic vertebral fractures in a large Chinese cohort. <i>Aging</i> , 2020, 12, 5500-5515. | 1.4 | 14 |
| 74 | The protocol for the Prospective Urban Rural Epidemiology China Action on Spine and Hip status study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 667-672. | 1.1 | 14 |
| 75 | Lumbar spine superior-level facet joint violations: percutaneous versus open pedicle screw insertion using intraoperative 3-dimensional computer-assisted navigation. <i>Chinese Medical Journal</i> , 2014, 127, 3852-6. | 0.9 | 14 |
| 76 | Kinematics and cooperative control of a robotic spinal surgery system. <i>Robotica</i> , 2016, 34, 226-242. | 1.3 | 13 |
| 77 | A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. <i>Spine</i> , 2018, 43, E898-E904. | 1.0 | 12 |
| 78 | A single-cell transcriptome of mesenchymal stromal cells to fabricate bioactive hydroxyapatite materials for bone regeneration. <i>Bioactive Materials</i> , 2022, 9, 281-298. | 8.6 | 12 |
| 79 | The effect of lateral wall perforation on screw pull-out strength: a cadaveric study. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 6. | 0.9 | 11 |
| 80 | Guidelines for navigation-assisted spine surgery. <i>Frontiers of Medicine</i> , 2020, 14, 518-527. | 1.5 | 11 |
| 81 | Multilevel Fuzzy Control Based on Force Information in Robot-Assisted Decompressive Laminectomy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1093, 263-279. | 0.8 | 10 |
| 82 | Efficacy and safety of ceritinib in anaplastic lymphoma kinase rearranged non-small cell lung cancer: A systematic review and meta-analysis. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020, 45, 743-754. | 0.7 | 10 |
| 83 | The Association of Lumbar Disc Herniation with Lumbar Volumetric Bone Mineral Density in a Cross-Sectional Chinese Study. <i>Diagnostics</i> , 2021, 11, 938. | 1.3 | 10 |
| 84 | Effect of double-door laminoplasty on atypical symptoms associated with cervical spondylotic myelopathy/radiculopathy. <i>BMC Surgery</i> , 2016, 16, 31. | 0.6 | 9 |
| 85 | Heterogeneity in Spinal Bone Mineral Density Among Young Adults From Three Eastern Provincial Capital Cities in Mainland China. <i>Journal of Clinical Densitometry</i> , 2017, 20, 198-204. | 0.5 | 9 |
| 86 | Biomechanical evaluation of osteoporotic fracture: Metal fixation versus absorbable fixation in Sawbones models. <i>Injury</i> , 2019, 50, 1272-1276. | 0.7 | 9 |
| 87 | Robot-assisted direct repair of spondylolysis. <i>Medicine (United States)</i> , 2020, 99, e18944. | 0.4 | 9 |
| 88 | Elderly patients with concurrent hip fracture and lower respiratory tract infection: the pathogens and prognosis over different bedridden periods. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 246. | 0.9 | 9 |
| 89 | Risk factors for venous thromboembolism in patients with diabetes undergoing joint arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 608. | 0.8 | 9 |
| 90 | Learning curves of robot-assisted pedicle screw fixations based on the cumulative sum test. <i>World Journal of Clinical Cases</i> , 2021, 9, 10134-10142. | 0.3 | 9 |

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|-----|--|-----|-----------|
| 91 | Effect of different surgical methods on headache associated with cervical spondylotic myelopathy and/or radiculopathy. BMC Surgery, 2015, 15, 105. | 0.6 | 8 |
| 92 | Protective effect of D-pinitol on the experimental spinal cord injury in rats. Metabolic Brain Disease, 2020, 35, 473-482. | 1.4 | 8 |
| 93 | Novel bone repairing scaffold consisting of bone morphogenetic Protein-2 and human Beta Defensin-3. Journal of Biological Engineering, 2021, 15, 5. | 2.0 | 8 |
| 94 | Application of bone turnover markers and DXA and QCT in an elderly Chinese male population. Annals of Palliative Medicine, 2021, 10, 6351-6358. | 0.5 | 8 |
| 95 | Programmed NP Cell Death Induced by Mitochondrial ROS in a One-Strike Loading Disc Degeneration Organ Culture Model. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17. | 1.9 | 8 |
| 96 | Reversal of Anterior Cervical Discectomy and Fusion With Cervical Artificial Disc Replacement. Journal of Spinal Disorders and Techniques, 2013, 26, 55-59. | 1.8 | 7 |
| 97 | Differential proteomic analysis of tibial subchondral bone from male and female guinea pigs with spontaneous osteoarthritis. Experimental and Therapeutic Medicine, 2021, 21, 633. | 0.8 | 7 |
| 98 | Intradiscal injection for the management of low back pain. JOR Spine, 2022, 5, e1186. | 1.5 | 7 |
| 99 | CAMISS Concept and Its Clinical Application. Advances in Experimental Medicine and Biology, 2018, 1093, 31-46. | 0.8 | 6 |
| 100 | The Assessment of Paravertebral Ossification Progression After Cervical Disc Arthroplasty Based on CT Images: A Long-term Follow-up. Orthopaedic Surgery, 2020, 12, 1760-1767. | 0.7 | 6 |
| 101 | Does Diabetes Affect the Surgical Outcomes in Cases With Cervical Ossification of the Posterior Longitudinal Ligament? A Multicenter Study From Asia Pacific Spine Study Group. Global Spine Journal, 2023, 13, 353-359. | 1.2 | 6 |
| 102 | A prospective cohort study of the accuracy and safety of robot-assisted minimally invasive spinal surgery. BMC Surgery, 2022, 22, 47. | 0.6 | 6 |
| 103 | Computer-assisted minimally invasive spine surgery for resection of ossification of the ligamentum flavum in the thoracic spine. Chinese Medical Journal, 2014, 127, 2043-7. | 0.9 | 6 |
| 104 | Comparison of accuracy and safety between second-generation TiRobot-assisted and free-hand thoracolumbar pedicle screw placement. BMC Surgery, 2022, 22, . | 0.6 | 6 |
| 105 | Clinical factors affecting the accuracy of a CT-based active infrared navigation system. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 568-571. | 1.2 | 5 |
| 106 | HIF-1 α promotes bone marrow stromal cell migration to the injury site and enhances functional recovery after spinal cord injury in rats. Journal of Gene Medicine, 2018, 20, e3062. | 1.4 | 5 |
| 107 | Preoperative imaging differences of patients with cervical spondylosis with cervical vertigo indicate the prognosis after cervical total disc replacement. Journal of International Medical Research, 2020, 48, 030006051987703. | 0.4 | 5 |
| 108 | Superior-segment Bilateral Facet Violation in Lumbar Transpedicular Fixation, Part III. Spine, 2020, 45, E508-E514. | 1.0 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Posterior fixation can further improve the segmental alignment of lumbar degenerative spondylolisthesis with oblique lumbar interbody fusion. BMC Musculoskeletal Disorders, 2021, 22, 218. | 0.8 | 5 |
| 110 | Accuracy and Reliability of Standing Lateral Lumbar Radiographs for Measurements of Spinopelvic Parameters. Spine, 2021, 46, 1033-1038. | 1.0 | 5 |
| 111 | Cervical Spondylotic Myelopathy due to the Ochronotic Arthropathy of the Cervical Spine. Journal of Korean Neurosurgical Society, 2016, 59, 65. | 0.5 | 5 |
| 112 | A comparison between two laminectomy procedures in mouse spinal cord injury on Allen's animal model. Journal of Neuroscience Methods, 2022, 368, 109461. | 1.3 | 5 |
| 113 | Muscle fat infiltration but not muscle cross-sectional area is independently associated with bone mineral density at the lumbar spine. British Journal of Radiology, 2022, 95, 20210371. | 1.0 | 5 |
| 114 | An Automatic Path Planning Method of Pedicle Screw Placement Based on Preoperative CT Images. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 403-413. | 2.1 | 5 |
| 115 | Analysis of the Factors That Could Predict Segmental Range of Motion After Cervical Artificial Disk Replacement. Clinical Spine Surgery, 2017, 30, E603-E608. | 0.7 | 4 |
| 116 | Imaging Comparison Between Chinese and Japanese Patients With Cervical Ossification of the Posterior Longitudinal Ligament. Spine, 2018, 43, E1376-E1383. | 1.0 | 4 |
| 117 | Risk factors for cage retraction after transforaminal lumbar interbody fusion in older patients. Annals of Translational Medicine, 2020, 8, 1660-1660. | 0.7 | 4 |
| 118 | Clinical and radiographic results of cervical artificial disc arthroplasty: over three years follow-up cohort study. Chinese Medical Journal, 2010, 123, 2969-73. | 0.9 | 4 |
| 119 | State Sensing of Spinal Surgical Robot Based on Fusion of Sound and Force Signals. , 2021, , . | | 3 |
| 120 | Superior-segment Bilateral Facet Violation in Lumbar Transpedicular Fixation, Part I. Spine, 2020, 45, E624-E630. | 1.0 | 3 |
| 121 | Association between intervertebral disc degeneration and disturbances of blood supply to the vertebrae. Chinese Medical Journal, 2010, 123, 239-43. | 0.9 | 3 |
| 122 | A Stability and Safety Control Method in Robot-Assisted Decompressive Laminectomy Considering Respiration and Deformation of Spine. IEEE Transactions on Automation Science and Engineering, 2023, 20, 258-270. | 3.4 | 3 |
| 123 | Time-sequential changes of differentially expressed miRNAs during the process of anterior lumbar interbody fusion using equine bone protein extract, rhBMP-2 and autograft. Frontiers of Materials Science, 2014, 8, 72-86. | 1.1 | 2 |
| 124 | Minimally Invasive Spine Surgery (MISS) in China. Spine, 2016, 41, B1. | 1.0 | 2 |
| 125 | Treatment of L5-S1 Spondyloptosis with Multiple Pedicle Defects Through a Combined Anterior and Posterior Approach. World Neurosurgery, 2020, 137, 206-210. | 0.7 | 2 |
| 126 | Predictors of neurologic outcome after surgery for cervical ossification of the posterior longitudinal ligament differ based on myelopathy severity: a multicenter study. Journal of Neurosurgery: Spine, 2021, 34, 749-758. | 0.9 | 2 |

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|-----|---|-----|-----------|
| 127 | Accuracy and complications of posterior C2 screw fixation using intraoperative three-dimensional fluoroscopy-based navigation. Chinese Medical Journal, 2014, 127, 2654-8. | 0.9 | 2 |
| 128 | Longitudinal Spinousâ€Splitting Laminoplasty with Coral Bone for the Treatment of Cervical Adjacent Segment Degenerative Disease: A 5â€Year Followâ€up Study. Orthopaedic Surgery, 2022, 14, 435-442. | 0.7 | 2 |
| 129 | Knockdown of asporin affects transforming growth factor-Î²1-induced matrix synthesis in human intervertebral annulus cells. Journal of Orthopaedic Translation, 2016, 7, 1-6. | 1.9 | 1 |
| 130 | Identification of independent factors affecting bone mineral density after successful parathyroidectomy for symptomatic hyperparathyroidism. BMC Endocrine Disorders, 2020, 20, 141. | 0.9 | 1 |
| 131 | Chinese normative values of C1 sagittal canal diameter and definition of C1 hypoplasia. Chinese Medical Journal, 2021, 134, 1362-1363. | 0.9 | 1 |
| 132 | Prophylactic vertebral augmentation in patients with intra-disc leakage after kyphoplasty. Annals of Palliative Medicine, 2021, 10, 58-58. | 0.5 | 1 |
| 133 | Association of overweight and obesity with vertebral fractures: a systematic review and meta-analysis. Minerva Endocrinology, 2021, , . | 0.6 | 1 |
| 134 | An Experiment Investigation and FE Simulation Analysis on Elastic Traction Method Applied in the Pelvic Reduction. , 2021, , . | | 1 |
| 135 | Asporin, a candidate protein for treatment of disc degenerative disease. Chinese Medical Journal, 2013, 126, 369-72. | 0.9 | 1 |
| 136 | Aging Spine. Spine, 2014, 39, B1. | 1.0 | 0 |
| 137 | Changes in bone mineral density after parathyroidectomy in patients with moderate to severe primary hyperparathyroidism. Journal of International Medical Research, 2020, 48, 030006052096469. | 0.4 | 0 |
| 138 | Symptomatic primary hyperparathyroidism in a young woman presenting with multiple skeletal destructions: a case report and review of literature. BMC Endocrine Disorders, 2021, 21, 5. | 0.9 | 0 |
| 139 | A new method for preparing single-cell nuclear suspension of frozen spinal cord tissue. Journal of Neuroscience Methods, 2022, 370, 109490. | 1.3 | 0 |