

Xijing He

List of Publications by Year in descending order

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137
papers

4,253
citations

172457

29
h-index

206112

48
g-index

141
all docs

141
docs citations

141
times ranked

6703
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | MicroRNA-137-mediated lysine demethylase 4A regulates the recovery of spinal cord injury via the SFRP4-Wnt/ β 2-Catenin axis. <i>International Journal of Neuroscience</i> , 2023, 133, 37-50. | 1.6 | 6 |
| 2 | Relationship between the elastic modulus of the cage material and the biomechanical properties of transforaminal lumbar interbody fusion: A logarithmic regression analysis based on parametric finite element simulations. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 214, 106570. | 4.7 | 14 |
| 3 | Extracellular vesicle-derived miR-511-3p from hypoxia preconditioned adipose mesenchymal stem cells ameliorates spinal cord injury through the TRAF6/S1P axis. <i>Brain Research Bulletin</i> , 2022, 180, 73-85. | 3.0 | 11 |
| 4 | Osteosarcoma exocytosis of soluble LGALS3BP mediates macrophages toward a tumoricidal phenotype. <i>Cancer Letters</i> , 2022, 528, 1-15. | 7.2 | 5 |
| 5 | Macrophages facilitate peripheral nerve regeneration by organizing regeneration tracks through Plexin-B2. <i>Genes and Development</i> , 2022, 36, 133-148. | 5.9 | 9 |
| 6 | miR-672-3p Promotes Functional Recovery in Rats with Contusive Spinal Cord Injury by Inhibiting Ferroptosis Suppressor Protein 1. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19. | 4.0 | 17 |
| 7 | Cervical non-fusion using biomimetic artificial disc and vertebra complex: technical innovation and biomechanics analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 122. | 2.3 | 3 |
| 8 | Identification of a circRNA-mediated comprehensive ceRNA network in spinal cord injury pathogenesis. <i>Experimental Biology and Medicine</i> , 2022, 247, 931-944. | 2.4 | 1 |
| 9 | Injectable multi-responsive micelle/nanocomposite hybrid hydrogel for bioenzyme and photothermal augmented chemodynamic therapy of skin cancer and bacterial infection. <i>Chemical Engineering Journal</i> , 2021, 404, 126439. | 12.7 | 56 |
| 10 | Exosomes from microRNA-126 overexpressing mesenchymal stem cells promote angiogenesis by targeting the PIK3R2-mediated PI3K/Akt signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2148-2162. | 3.6 | 42 |
| 11 | Biomechanical properties of a novel nonfusion artificial vertebral body for anterior lumbar vertebra resection and internal fixation. <i>Scientific Reports</i> , 2021, 11, 2632. | 3.3 | 3 |
| 12 | Lithium alleviated spinal cord injury (SCI)-induced apoptosis and inflammation in rats via BDNF-AS/miR-9-5p axis. <i>Cell and Tissue Research</i> , 2021, 384, 301-312. | 2.9 | 17 |
| 13 | Common variants in MAEA gene contributed the susceptibility to osteoporosis in Han Chinese postmenopausal women. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 38. | 2.3 | 3 |
| 14 | Exosomes with high level of miR-181c from bone marrow-derived mesenchymal stem cells inhibit inflammation and apoptosis to alleviate spinal cord injury. <i>Journal of Molecular Histology</i> , 2021, 52, 301-311. | 2.2 | 34 |
| 15 | Atlantoaxial Non-Fusion Using Biomimetic Artificial Atlanto-Odontoid Joint. <i>Spine</i> , 2021, Publish Ahead of Print, . | 2.0 | 1 |
| 16 | TNFR2 knockdown triggers apoptosis-induced proliferation in primarily cultured Schwann cells. <i>Neuroscience Research</i> , 2020, 150, 29-36. | 1.9 | 8 |
| 17 | A tribological investigation of SLM fabricated TC4 titanium alloy with carburization pre-treatment. <i>Ceramics International</i> , 2020, 46, 3043-3050. | 4.8 | 24 |
| 18 | Nomograms for predicting overall survival and cancer-specific survival of chondroblastic osteosarcoma patients. <i>Journal of Surgical Oncology</i> , 2020, 122, 1676-1684. | 1.7 | 13 |

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|----|---|------|-----------|
| 19 | β-Sitosterol-loaded solid lipid nanoparticles ameliorate complete Freund's adjuvant-induced arthritis in rats: involvement of NF-κB and HO-1/Nrf-2 pathway. <i>Drug Delivery</i> , 2020, 27, 1329-1341. | 5.7 | 59 |
| 20 | MicroRNA-223 targets NLRP3 to relieve inflammation and alleviate spinal cord injury. <i>Life Sciences</i> , 2020, 254, 117796. | 4.3 | 23 |
| 21 | A survey of 434 clinical trials about coronavirus disease 2019 in China. <i>Journal of Medical Virology</i> , 2020, 92, 1715-1717. | 5.0 | 4 |
| 22 | Transplantation of ACE2- Mesenchymal Stem Cells Improves the Outcome of Patients with COVID-19 Pneumonia. , 2020, 11, 216. | | 921 |
| 23 | Methane attenuates lung ischemia-reperfusion injury via regulating PI3K-AKT-NFκB signaling pathway. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 209-217. | 2.5 | 12 |
| 24 | Microglia and macrophages promote corraling, wound compaction and recovery after spinal cord injury via Plexin-B2. <i>Nature Neuroscience</i> , 2020, 23, 337-350. | 14.8 | 146 |
| 25 | Transplantation of sh-miR-199a-5p-Modified Olfactory Ensheathing Cells Promotes the Functional Recovery in Rats with Contusive Spinal Cord Injury. <i>Cell Transplantation</i> , 2020, 29, 096368972091617. | 2.5 | 9 |
| 26 | Interface Fixation Using Absorbable Screws versus Plate Fixation in Anterior Cervical Corpectomy and Fusion for Two-Level Cervical Spondylotic Myelopathy. <i>Medical Science Monitor</i> , 2020, 26, e921507. | 1.1 | 5 |
| 27 | Biomechanical Comparison of 1-Level Corpectomy and 2-Level Discectomy for Cervical Spondylotic Myelopathy: A Finite Element Analysis. <i>Medical Science Monitor</i> , 2020, 26, e919270. | 1.1 | 10 |
| 28 | Notch signaling regulates osteosarcoma proliferation and migration through Erk phosphorylation. <i>Tissue and Cell</i> , 2019, 59, 51-61. | 2.2 | 29 |
| 29 | miR-99b-3p is induced by vitamin D3 and contributes to its antiproliferative effects in gastric cancer cells by targeting HoxD3. <i>Biological Chemistry</i> , 2019, 400, 1079-1086. | 2.5 | 20 |
| 30 | Time and Frequency Characteristics of Cavitation Activity Enhanced by Flowing Phase-Shift Nanodroplets and Lipid-Shelled Microbubbles During Focused Ultrasound Exposures. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2118-2132. | 1.5 | 2 |
| 31 | Effects of New Cage Profiles on the Improvement in Biomechanical Performance of Multilevel Anterior Cervical Corpectomy and Fusion: A Finite Element Analysis. <i>World Neurosurgery</i> , 2019, 129, e87-e96. | 1.3 | 25 |
| 32 | Hydromechanical mechanism behind the effect of pore size of porous titanium scaffolds on osteoblast response and bone ingrowth. <i>Materials and Design</i> , 2019, 183, 108151. | 7.0 | 92 |
| 33 | Quantitative Analysis of SSEA3+ Cells from Human Umbilical Cord after Magnetic Sorting. <i>Cell Transplantation</i> , 2019, 28, 907-923. | 2.5 | 20 |
| 34 | In vivo three-dimensional kinematics of the cervical spine during maximal active head rotation. <i>PLoS ONE</i> , 2019, 14, e0215357. | 2.5 | 19 |
| 35 | Downregulation of Adrenomedullin Leads to the Inhibition of the Tumorigenesis via VEGF Pathway in Human and Nude Mice Osteosarcoma Models. <i>Archives of Medical Research</i> , 2019, 50, 47-57. | 3.3 | 4 |
| 36 | Biomechanical Comparison of Integrated Fixation Cage Versus Anterior Cervical Plate and Cage in Anterior Cervical Corpectomy and Fusion (ACCF): A Finite Element Analysis. <i>Medical Science Monitor</i> , 2019, 25, 1489-1498. | 1.1 | 19 |

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|----|--|-----|-----------|
| 37 | Preclinical evaluation of a novel anterior non-fusion fixation device for atlantoaxial instability: an in vivo comparison study in a canine model. <i>European Spine Journal</i> , 2019, 28, 1225-1233. | 2.2 | 0 |
| 38 | Alpha-synuclein induces microglial migration via PKM2-dependent glycolysis. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 601-607. | 7.5 | 18 |
| 39 | Design and preliminary biomechanical analysis of a novel motion preservation device for lumbar spinal disease after vertebral corpectomy. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 751-760. | 2.4 | 3 |
| 40 | Surface engineering of resveratrol to improve neuro-protection and functional recovery after spinal cord injury in rat. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 89-96. | 3.0 | 11 |
| 41 | Prognostic Factors and Treatment Options for Patients with High-Grade Chondrosarcoma. <i>Medical Science Monitor</i> , 2019, 25, 8952-8967. | 1.1 | 17 |
| 42 | Muse cells and Neurorestoratology. <i>Journal of Neurorestoratology</i> , 2019, 7, 18-25. | 2.5 | 4 |
| 43 | Clinical comparison between a percutaneous hydraulic pressure delivery system and balloon tamp system using high-viscosity cement for the treatment of osteoporotic vertebral compression fractures. <i>Clinics</i> , 2019, 74, e741. | 1.5 | 3 |
| 44 | Effect of Dome-Shaped Titanium Mesh Cages on Cervical Endplate Under Cyclic Loading: An In Vitro Biomechanics Study. <i>Medical Science Monitor</i> , 2019, 25, 142-149. | 1.1 | 6 |
| 45 | Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324. | 2.5 | 40 |
| 46 | Metformin Protects Against Spinal Cord Injury by Regulating Autophagy via the mTOR Signaling Pathway. <i>Neurochemical Research</i> , 2018, 43, 1111-1117. | 3.3 | 37 |
| 47 | MicroRNA-22 inhibits the proliferation and migration, and increases the cisplatin sensitivity, of osteosarcoma cells. <i>Molecular Medicine Reports</i> , 2018, 17, 7209-7217. | 2.4 | 19 |
| 48 | Reliability and validity of a Coda Motion 3-D Analysis system for measuring cervical range of motion in healthy subjects. <i>Journal of Electromyography and Kinesiology</i> , 2018, 38, 56-66. | 1.7 | 14 |
| 49 | Identification and functional characterization of circRNA-0008717 as an oncogene in osteosarcoma through sponging miR-203. <i>Oncotarget</i> , 2018, 9, 22288-22300. | 1.8 | 53 |
| 50 | Anterior Cervical Corpectomy and Fusion and Anterior Cervical Discectomy and Fusion Using Titanium Mesh Cages for Treatment of Degenerative Cervical Pathologies: A Literature Review. <i>Medical Science Monitor</i> , 2018, 24, 6398-6404. | 1.1 | 36 |
| 51 | The HIF-1 α /miR-224/ATG5 axis affects cell mobility and chemosensitivity by regulating hypoxia-induced protective autophagy in glioblastoma and astrocytoma. <i>Oncology Reports</i> , 2018, 41, 1759-1768. | 2.6 | 33 |
| 52 | Evaluation of Renal Function in Children with Congenital Scoliosis and Congenital Anomalies of the Kidney and Urinary Tract. <i>Medical Science Monitor</i> , 2018, 24, 4667-4678. | 1.1 | 5 |
| 53 | Evaluation of Common Variants in Matrix Metalloproteinase-9 Gene with Lumbar Disc Herniation in Han Chinese Population. <i>Genetic Testing and Molecular Biomarkers</i> , 2018, 22, 622-629. | 0.7 | 4 |
| 54 | Notch1 promotes mouse spinal neural stem and progenitor cells proliferation via p-p38-pax6 induced cyclin D1 activation. <i>Experimental Cell Research</i> , 2018, 373, 80-90. | 2.6 | 10 |

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| 55 | Clinical outcomes of arthroscopic synovectomy for adolescent or young adult patients with advanced haemophilic arthropathy. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 3883-3888. | 1.8 | 5 |
| 56 | Comparison of the clinical effects of arthroscopic surgery vs. open surgery for grade II/III gluteal muscle contracture in adults. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 364-369. | 1.8 | 4 |
| 57 | Comparison of Nonabsorbable and Absorbable Suture in Total Knee Arthroplasty. <i>Medical Science Monitor</i> , 2018, 24, 7563-7569. | 1.1 | 12 |
| 58 | Marital Status and Survival of Patients with Chondrosarcoma: A Population-Based Analysis. <i>Medical Science Monitor</i> , 2018, 24, 6638-6648. | 1.1 | 34 |
| 59 | Comparison of intramedullary transplantation of olfactory ensheathing cell for patients with chronic complete spinal cord injury worldwide. <i>Journal of Neurorestoratology</i> , 2018, 1, 146-151. | 2.5 | 9 |
| 60 | Review of clinical neurorestorative strategies for spinal cord injury: Exploring history and latest progresses. <i>Journal of Neurorestoratology</i> , 2018, 6, 171-178. | 2.5 | 21 |
| 61 | An Experimental Biomechanical Study on Artificial Atlanto-odontoid Joint Replacement in Dogs. <i>Clinical Spine Surgery</i> , 2017, 30, E1-E6. | 1.3 | 1 |
| 62 | Î²-synuclein induces microglial cell migration through stimulating HIF1Î± accumulation. <i>Journal of Neuroscience Research</i> , 2017, 95, 1809-1817. | 2.9 | 19 |
| 63 | Gene expression profiles reveal key pathways and genes associated with neuropathic pain in patients with spinal cord injury. <i>Molecular Medicine Reports</i> , 2017, 15, 2120-2128. | 2.4 | 12 |
| 64 | BAMBI inhibits inflammation through the activation of autophagy in experimental spinal cord injury. <i>International Journal of Molecular Medicine</i> , 2017, 39, 423-429. | 4.0 | 19 |
| 65 | Prediction of Cervical Spinal Joint Loading and Secondary Motion Using a Musculoskeletal Multibody Dynamics Model Via Force-Dependent Kinematics Approach. <i>Spine</i> , 2017, 42, E1403-E1409. | 2.0 | 12 |
| 66 | Feasibility of Using Ultrasonic Nakagami Imaging for Monitoring Microwave-Induced Thermal Lesion in Ex Vivo Porcine Liver. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 482-493. | 1.5 | 15 |
| 67 | Lumbar subtotal corpectomy non-fusion model produced using a novel prosthesis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 1467-1476. | 2.4 | 6 |
| 68 | Predicting novel genes and pathways associated with osteosarcoma by using bioinformatics analysis. <i>Gene</i> , 2017, 628, 32-37. | 2.2 | 15 |
| 69 | Conditioned medium of olfactory ensheathing cells promotes the functional recovery and axonal regeneration after contusive spinal cord injury. <i>Brain Research</i> , 2017, 1654, 43-54. | 2.2 | 30 |
| 70 | Inverse effects of flowing phase-shift nanodroplets and lipid-shelled microbubbles on subsequent cavitation during focused ultrasound exposures. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 400-409. | 8.2 | 15 |
| 71 | Inhibition of NOB1 by microRNA-330-5p overexpression represses cell growth of non-small cell lung cancer. <i>Oncology Reports</i> , 2017, 38, 2572-2580. | 2.6 | 25 |
| 72 | Reliability and validity of CODA motion analysis system for measuring cervical range of motion in patients with cervical spondylosis and anterior cervical fusion. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5371-5378. | 1.8 | 7 |

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|----|--|-----|-----------|
| 73 | Clinical cell therapy guidelines for neurorestoration (China version 2016). Journal of Neurorestoratology, 2017, Volume 5, 39-46. | 2.5 | 6 |
| 74 | Clinical therapeutic guideline for neurorestoration in spinal cord injury (Chinese version 2016). Journal of Neurorestoratology, 2017, Volume 5, 73-83. | 2.5 | 11 |
| 75 | Single-Level Anterior Cervical Corpectomy and Fusion Using a New 3D-Printed Anatomy-Adaptive Titanium Mesh Cage for Treatment of Cervical Spondylotic Myelopathy and Ossification of the Posterior Longitudinal Ligament: A Retrospective Case Series Study. Medical Science Monitor, 2017, 23, 3105-3114. | 1.1 | 38 |
| 76 | Effects of Titanium Mesh Cage End Structures on the Compressive Load at the Endplate Interface: A Cadaveric Biomechanical Study. Medical Science Monitor, 2017, 23, 2863-2870. | 1.1 | 24 |
| 77 | An in vivo comparison study in goats for a novel motion-preserving cervical joint system. PLoS ONE, 2017, 12, e0178775. | 2.5 | 3 |
| 78 | Neural Stem Cell-Conditioned Medium Suppresses Inflammation and Promotes Spinal Cord Injury Recovery. Cell Transplantation, 2017, 26, 469-482. | 2.5 | 43 |
| 79 | Feasibility of Diffusion Tensor Imaging for Assessing Functional Recovery in Rats with Olfactory Ensheathing Cell Transplantation After Contusive Spinal Cord Injury (SCI). Medical Science Monitor, 2017, 23, 2961-2971. | 1.1 | 3 |
| 80 | Anterior Cervical Corpectomy Non-Fusion Model Produced by a Novel Implant. Medical Science Monitor, 2016, 22, 1131-1145. | 1.1 | 2 |
| 81 | Accuracy Assessment of Using Rapid Prototyping Drill Templates for Atlantoaxial Screw Placement: A Cadaver Study. BioMed Research International, 2016, 2016, 1-9. | 1.9 | 4 |
| 82 | Secretome of Olfactory Mucosa Mesenchymal Stem Cell, a Multiple Potential Stem Cell. Stem Cells International, 2016, 2016, 1-16. | 2.5 | 55 |
| 83 | Genome-Wide Identification of Long Noncoding RNAs in Human Intervertebral Disc Degeneration by RNA Sequencing. BioMed Research International, 2016, 2016, 1-8. | 1.9 | 41 |
| 84 | The Evaluation of the Clinical, Laboratory, and Radiological Findings of 16 Cases of Brucellar Spondylitis. BioMed Research International, 2016, 2016, 1-6. | 1.9 | 12 |
| 85 | Anti-Inflammatory Mechanism of Neural Stem Cell Transplantation in Spinal Cord Injury. International Journal of Molecular Sciences, 2016, 17, 1380. | 4.1 | 80 |
| 86 | Traumatic neuroma of the superficial peroneal nerve in a patient: a case report and review of the literature. World Journal of Surgical Oncology, 2016, 14, 242. | 1.9 | 27 |
| 87 | Combined over-expression of the hypoxia-inducible factor 2i± gene and its long non-coding RNA predicts unfavorable prognosis of patients with osteosarcoma. Pathology Research and Practice, 2016, 212, 861-866. | 2.3 | 28 |
| 88 | Therapy for thoracic lumbar and sacral vertebrae tumors using total spondylectomy and spine reconstruction through posterior or combined anterior-posterior approaches. Oncology Letters, 2016, 11, 1778-1782. | 1.8 | 9 |
| 89 | Silencing NACK by siRNA inhibits tumorigenesis in non-small cell lung cancer via targeting Notch1 signaling pathway. Oncology Reports, 2016, 35, 2306-2314. | 2.6 | 16 |
| 90 | Treatment for thoracic ossification of posterior longitudinal ligament with posterior circumferential decompression: complications and managements. Journal of Orthopaedic Surgery and Research, 2016, 11, 153. | 2.3 | 11 |

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|-----|--|-----|-----------|
| 91 | Cervical screw placement using rapid prototyping drill templates for navigation: a literature review. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 2231-2240. | 2.8 | 17 |
| 92 | Comparison of clinical efficacy and safety among three surgical approaches for the treatment of spinal tuberculosis: a meta-analysis. <i>European Spine Journal</i> , 2016, 25, 3862-3874. | 2.2 | 38 |
| 93 | The efficacy and safety of intra-articular injection of hyaluronic acid in the knee and physical therapy agents to treat Kashin-Beck disease: A prospective interventional study. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 739-745. | 1.8 | 3 |
| 94 | Protective effect of cannabidiol on hydrogen peroxide-induced apoptosis, inflammation and oxidative stress in nucleus pulposus cells. <i>Molecular Medicine Reports</i> , 2016, 14, 2321-2327. | 2.4 | 34 |
| 95 | Rescuing macrophage normal function in spinal cord injury with embryonic stem cell conditioned media. <i>Molecular Brain</i> , 2016, 9, 48. | 2.6 | 45 |
| 96 | Treatment of lumbosacral spinal tuberculosis by one-stage anterior debridement and fusion combined with dual screw-rod anterior instrumentation underneath the iliac vessel. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 49. | 1.9 | 14 |
| 97 | Application of bioabsorbable screw fixation for anterior cervical decompression and bone grafting. <i>Clinics</i> , 2016, 71, 320-324. | 1.5 | 12 |
| 98 | Feasibility of acoustic evaluation of thermal lesions at bone-soft tissue interface of an ex vivo bovine bone exposed to high-intensity focused ultrasound. , 2015, , . | | 1 |
| 99 | Elevated neuronal β -synuclein promotes microglia activation after spinal cord ischemic/reperfused injury. <i>NeuroReport</i> , 2015, 26, 656-661. | 1.2 | 22 |
| 100 | Artificial disc and vertebra system: a novel motion preservation device for cervical spinal disease after vertebral corpectomy. <i>Clinics</i> , 2015, 70, 493-499. | 1.5 | 6 |
| 101 | miRNA-449a is downregulated in osteosarcoma and promotes cell apoptosis by targeting BCL2. <i>Tumor Biology</i> , 2015, 36, 8221-8229. | 1.8 | 40 |
| 102 | MicroRNA-10a Influences Osteoblast Differentiation and Angiogenesis by Regulating β -Catenin Expression. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 2194-2208. | 1.6 | 42 |
| 103 | Effects of Different Sera Conditions on Olfactory Ensheathing Cells in Vitro. <i>International Journal of Molecular Sciences</i> , 2015, 16, 420-438. | 4.1 | 3 |
| 104 | Intra-articular hyaluronic acid and corticosteroids in the treatment of knee osteoarthritis: A meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 493-500. | 1.8 | 46 |
| 105 | MicroRNA-194 promotes osteoblast differentiation via downregulating STAT1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 482-488. | 2.1 | 58 |
| 106 | Macrophages in spinal cord injury: Phenotypic and functional change from exposure to myelin debris. <i>Glia</i> , 2015, 63, 635-651. | 4.9 | 209 |
| 107 | CCR5 Blockade Promotes M2 Macrophage Activation and Improves Locomotor Recovery After Spinal Cord Injury in Mice. <i>Inflammation</i> , 2015, 38, 126-133. | 3.8 | 28 |
| 108 | Poly (3-hydroxybutyrate-co-3-hydroxyhexanoate) scaffolds coated with PhaP-RGD fusion protein promotes the proliferation and chondrogenic differentiation of human umbilical cord mesenchymal stem cells in vitro. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1169-1175. | 4.0 | 23 |

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|-----|--|-----|-----------|
| 109 | Meta-Analysis Comparing Zero-Profile Spacer and Anterior Plate in Anterior Cervical Fusion. PLoS ONE, 2015, 10, e0130223. | 2.5 | 28 |
| 110 | Embryonic Stem Cells Promoting Macrophage Survival and Function are Crucial for Teratoma Development. Frontiers in Immunology, 2014, 5, 275. | 4.8 | 28 |
| 111 | Homozygosity for a DTDST mutation in a child with multiple epiphyseal dysplasia. Journal of Pediatric Endocrinology and Metabolism, 2014, 27, 75-80. | 0.9 | 0 |
| 112 | Function of microglia and macrophages in secondary damage after spinal cord injury. Neural Regeneration Research, 2014, 9, 1787. | 3.0 | 212 |
| 113 | Pre- and Posttreatment With Edaravone Protects CA1 Hippocampus and Enhances Neurogenesis in the Subgranular Zone of Dentate Gyrus After Transient Global Cerebral Ischemia in Rats. ASN Neuro, 2014, 6, 175909141455841. | 2.7 | 27 |
| 114 | Activin A: A Potential Therapeutic Target for Characterizing and Stopping Joint Pain Early in Rheumatoid Arthritis Patients. Inflammation, 2014, 37, 170-176. | 3.8 | 14 |
| 115 | Characterization of microRNA expression profiles in patients with intervertebral disc degeneration. International Journal of Molecular Medicine, 2014, 33, 43-50. | 4.0 | 72 |
| 116 | Identifying the role of microRNAs in spinal cord injury. Neurological Sciences, 2014, 35, 1663-1671. | 1.9 | 24 |
| 117 | Consensus of Clinical Neurorestorative Progress in Patients with Complete Chronic Spinal Cord Injury. Cell Transplantation, 2014, 23, 5-17. | 2.5 | 29 |
| 118 | A Meta-Analysis of the Motion Function through the Therapy of Spinal Cord Injury with Intravenous Transplantation of Bone Marrow Mesenchymal Stem Cells in Rats. PLoS ONE, 2014, 9, e93487. | 2.5 | 18 |
| 119 | Epigenetic Targets of Polyphenols in Cancer. Journal of Environmental Pathology, Toxicology and Oncology, 2014, 33, 159-165. | 1.2 | 17 |
| 120 | Pro-nociceptive role of the activation of mineralocorticoid receptor in the pathogenesis of painful diabetic neuropathy. Medical Hypotheses, 2013, 81, 436-438. | 1.5 | 5 |
| 121 | A supplementary study from China: The use of pain medications after operative treatment of an ankle fracture. Injury, 2013, 44, 1656-1657. | 1.7 | 0 |
| 122 | Biomechanical evaluation of the Total Atlanto-odontoid Joint Arthroplasty System: An in vitro human cadaveric study. Clinical Biomechanics, 2013, 28, 357-363. | 1.2 | 3 |
| 123 | Systematic Review and Meta-Analysis of Perioperative Intravenous Tranexamic Acid Use in Spinal Surgery. PLoS ONE, 2013, 8, e55436. | 2.5 | 92 |
| 124 | Total Atlanto-odontoid Joint Arthroplasty System. Spine, 2013, 38, E451-E457. | 2.0 | 15 |
| 125 | 4q22.1 Contributes to Bone Mineral Density and Osteoporosis Susceptibility in Postmenopausal Women of Chinese Han Population. PLoS ONE, 2013, 8, e80165. | 2.5 | 37 |
| 126 | Olfactory ensheathing cell transplantation for spinal cord injury: An 18-year bibliometric analysis based on the Web of Science. Neural Regeneration Research, 2013, 8, 1286-96. | 3.0 | 9 |

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|-----|--|-----|-----------|
| 127 | Minimally Invasive Surgical Approaches and Traditional Total Hip Arthroplasty: A Meta-Analysis of Radiological and Complications Outcomes. PLoS ONE, 2012, 7, e37947. | 2.5 | 18 |
| 128 | Microstructure and electrochemical behavior of laser cladded HA coating on pure titanium TA2. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 568-571. | 1.0 | 2 |
| 129 | The Incidence of Adjacent Segment Degeneration after Cervical Disc Arthroplasty (CDA): A Meta Analysis of Randomized Controlled Trials. PLoS ONE, 2012, 7, e35032. | 2.5 | 67 |
| 130 | Artificial Cervical Vertebra and Intervertebral Complex Replacement through the Anterior Approach in Animal Model: A Biomechanical and In Vivo Evaluation of a Successful Goat Model. PLoS ONE, 2012, 7, e52910. | 2.5 | 23 |
| 131 | Review of therapeutic strategies for osteosarcoma, chondrosarcoma, and Ewing's sarcoma. Medical Science Monitor, 2011, 17, RA177-RA190. | 1.1 | 95 |
| 132 | Lithium Suppresses Astroglialogenesis by Neural Stem and Progenitor Cells by Inhibiting STAT3 Pathway Independently of Glycogen Synthase Kinase 3 Beta. PLoS ONE, 2011, 6, e23341. | 2.5 | 35 |
| 133 | Aggrecanases gene inhibition in chondrocytes: A new possible strategy to relieve immune rejection of transplants. Medical Hypotheses, 2009, 72, 196-198. | 1.5 | 3 |
| 134 | Biomechanical Study of Artificial Atlanto-Odontoid Joint. Spine, 2009, 34, 1893-1899. | 2.0 | 17 |
| 135 | Biomechanical Study of Anterior Cervical Corpectomy and Step-Cut Grafting With Bioabsorbable Screws Fixation in Cadaveric Cervical Spine Model. Spine, 2006, 31, 2195-2201. | 2.0 | 15 |
| 136 | Neurorestorative clinical application standards for the culture and quality control of olfactory ensheathing cells. Journal of Neurorestoratology, 0, Volume 5, 175-179. | 2.5 | 7 |
| 137 | Anti-inflammatory effect of stem cells against spinal cord injury via regulating macrophage polarization. Journal of Neurorestoratology, 0, Volume 5, 31-38. | 2.5 | 11 |