

Pei-Fu Tang

List of Publications by Year in descending order

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Version: 2024-02-01

156
papers

3,342
citations

212478

28
h-index

252626

46
g-index

177
all docs

177
docs citations

177
times ranked

5038
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Intramedullary nailing versus plating fixation for the treatment of midshaft clavicular fractures: A meta-analysis of randomized controlled trials. <i>Injury</i> , 2023, 54, S70-S77. | 0.7 | 2 |
| 2 | Comparison of oblique triangular configuration and inverted equilateral triangular configuration of three cannulated screws in treating unstable femoral neck fracture: A finite element analysis. <i>Injury</i> , 2022, 53, 353-361. | 0.7 | 10 |
| 3 | Does robotic-assisted computer navigation improve acetabular cup positioning in total hip arthroplasty for Crowe III/IV hip dysplasia? A propensity score case-match analysis. <i>International Orthopaedics</i> , 2022, 46, 769-777. | 0.9 | 11 |
| 4 | Establishment and characterization of an induced pluripotent stem cell line CPGHi004-A from peripheral blood mononuclear cells of a healthy adult. <i>Stem Cell Research</i> , 2022, 59, 102656. | 0.3 | 0 |
| 5 | Applications of Calcium-Based Nanomaterials in Osteoporosis Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 424-443. | 2.6 | 4 |
| 6 | Calcaneal fracture maps and their determinants. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 39. | 0.9 | 5 |
| 7 | Frailty Factors and Outcomes in Patients Undergoing Orthopedic Surgery: Protocol for a Systematic Review and Meta-analysis. <i>JMIR Research Protocols</i> , 2022, 11, e28338. | 0.5 | 1 |
| 8 | Finite Element Analysis of a Novel Fusion Strategy in Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>BioMed Research International</i> , 2022, 2022, 1-9. | 0.9 | 4 |
| 9 | Negative pressure promotes macrophage M1 polarization after <i>Mycobacterium tuberculosis</i> infection via the lncRNA XIST/microRNA-125b/5p/A20/NF- κ B axis. <i>Annals of the New York Academy of Sciences</i> , 2022, 1514, 116-131. | 1.8 | 8 |
| 10 | Spatial Bridge Locking Fixator versus Traditional Locking Plates in Treating AO/OTA 32A3.2 Fracture: Finite Element Analysis and Biomechanical Evaluation. <i>Orthopaedic Surgery</i> , 2022, 14, 1638-1648. | 0.7 | 3 |
| 11 | The Oval-like Cross-section of Femoral Neck Isthmus in Three-dimensional Morphological Analysis. <i>Orthopaedic Surgery</i> , 2021, 13, 321-327. | 0.7 | 6 |
| 12 | Comparative study of anatomical locking plate and reconstruction plate in treating acetabular fractures. <i>International Orthopaedics</i> , 2021, 45, 2727-2734. | 0.9 | 1 |
| 13 | Skeleton-vasculature chain reaction: a novel insight into the mystery of homeostasis. <i>Bone Research</i> , 2021, 9, 21. | 5.4 | 28 |
| 14 | Achieve Closed Reduction of Irreducible, Unilateral Vertically Displaced Pelvic Ring Disruption with an Unlocking Closed Reduction Technique. <i>Orthopaedic Surgery</i> , 2021, 13, 942-948. | 0.7 | 12 |
| 15 | A novel machine-learning algorithm for predicting mortality risk after hip fracture surgery. <i>Injury</i> , 2021, 52, 1487-1493. | 0.7 | 20 |
| 16 | Letter to the Editor: The Effect of Postural Pelvic Dynamics on the Three-dimensional Orientation of the Acetabular Cup in THA Is Patient Specific. <i>Clinical Orthopaedics and Related Research</i> , 2021, Publish Ahead of Print, 1871-1872. | 0.7 | 1 |
| 17 | The factors associated with nosocomial infection in elderly hip fracture patients: gender, age, and comorbidity. <i>International Orthopaedics</i> , 2021, 45, 3201-3209. | 0.9 | 9 |
| 18 | Epidural electrical stimulation effectively restores locomotion function in rats with complete spinal cord injury. <i>Neural Regeneration Research</i> , 2021, 16, 573. | 1.6 | 12 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 3D spheroids of human placenta-derived mesenchymal stem cells attenuate spinal cord injury in mice. <i>Cell Death and Disease</i> , 2021, 12, 1096. | 2.7 | 28 |
| 20 | Evolution and Current Applications of Robot-Assisted Fracture Reduction: A Comprehensive Review. <i>Annals of Biomedical Engineering</i> , 2020, 48, 203-224. | 1.3 | 49 |
| 21 | Finite element analysis of an intramedullary anatomical strut for proximal humeral fractures with disrupted medial column instability: A cohort study. <i>International Journal of Surgery</i> , 2020, 73, 50-56. | 1.1 | 13 |
| 22 | Comparison of a multidimensional cross locking plate versus a locking compression plate for the treatment of femoral shaft nonunion: Finite element analysis. <i>Medical Engineering and Physics</i> , 2020, 83, 106-111. | 0.8 | 6 |
| 23 | Biomechanical comparison of medial sustainable nail and proximal femoral nail antirotation in the treatment of an unstable intertrochanteric fracture. <i>Bone and Joint Research</i> , 2020, 9, 840-847. | 1.3 | 15 |
| 24 | Delayed Denosumab Injections and Fracture Risk Among Patients With Osteoporosis. <i>Annals of Internal Medicine</i> , 2020, 173, 516-526. | 2.0 | 65 |
| 25 | Medial support nail and proximal femoral nail antirotation in the treatment of reverse obliquity inter-trochanteric fractures (Arbeitsgemeinschaft für Osteosynthesfragen/Orthopedic Trauma) Tj ETQq1 1 0.7843149gBT /Overlock 10 | 1.0 | 10 |
| 26 | Advance in Drug Delivery for Ageing Skeletal Muscle. <i>Frontiers in Pharmacology</i> , 2020, 11, 1016. | 1.6 | 9 |
| 27 | Expert consensus on management principles of orthopedic emergency in the epidemic of coronavirus disease 2019. <i>Chinese Medical Journal</i> , 2020, 133, 1096-1098. | 0.9 | 14 |
| 28 | Three-dimensional morphological analysis of the femoral neck torsion angle—an anatomical study. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 192. | 0.9 | 18 |
| 29 | Radiographic assessment of the cup orientation after total hip arthroplasty: a literature review. <i>Annals of Translational Medicine</i> , 2020, 8, 130-130. | 0.7 | 17 |
| 30 | Use of Robotic Arm Assisted Technique in Complex Primary Total Hip Arthroplasty. <i>Orthopaedic Surgery</i> , 2020, 12, 686-691. | 0.7 | 13 |
| 31 | <p>Risk Factors for Anterior Cortical Impingement of Short Cephalomedullary Nail in Chinese Elderly Patients with Intertrochanteric Fracture</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 523-530. | 0.9 | 3 |
| 32 | Astrocytes directly clear myelin debris through endocytosis pathways and followed by excessive gliosis after spinal cord injury. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 20-26. | 1.0 | 25 |
| 33 | Adaptive expression of biofilm regulators and adhesion factors of <i>Staphylococcus aureus</i> during acute wound infection under the treatment of negative pressure wound therapy in vivo. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 512-520. | 0.8 | 7 |
| 34 | Effect of reduction quality on post-operative outcomes in 31-A2 intertrochanteric fractures following intramedullary fixation: a retrospective study based on computerised tomography findings. <i>International Orthopaedics</i> , 2019, 43, 1951-1959. | 0.9 | 29 |
| 35 | Bench-to bedside strategies for osteoporotic fracture: From osteoimmunology to mechanosensation. <i>Bone Research</i> , 2019, 7, 25. | 5.4 | 47 |
| 36 | Chinese expert consensus on diagnosis and treatment of infection after fracture fixation. <i>Injury</i> , 2019, 50, 1952-1958. | 0.7 | 22 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Medial anatomical buttress plate in treating displaced femoral neck fracture a finite element analysis. <i>Injury</i> , 2019, 50, 1895-1900. | 0.7 | 48 |
| 38 | Identification of Key Genes and Pathways Involved in the Heterogeneity of Intrinsic Growth Ability Between Neurons After Spinal Cord Injury in Adult Zebrafish. <i>Neurochemical Research</i> , 2019, 44, 2057-2067. | 1.6 | 6 |
| 39 | <p>Multidirectional percutaneous drilling and autologous bone marrow injection for the treatment of femoral diaphyseal nonunions: a prospective interventional study</p>. <i>Therapeutics and Clinical Risk Management</i> , 2019, Volume 15, 1003-1011. | 0.9 | 2 |
| 40 | Impact of negativeâ€pressure wound therapy on bacterial behaviour and bioburden in a contaminated fullâ€thickness wound. <i>International Wound Journal</i> , 2019, 16, 1214-1221. | 1.3 | 9 |
| 41 | The synergetic effect of pelvic rotation and X-ray offset on radiographic angles of the acetabular cup. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 2359-2371. | 1.6 | 4 |
| 42 | Using the Starr Frame and Da Vinci surgery system for pelvic fracture and sacral nerve injury. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 29. | 0.9 | 14 |
| 43 | Differences in Bone Mineral Density and Hip Geometry in Trochanteric and Cervical Hip Fractures in Elderly Chinese Patients. <i>Orthopaedic Surgery</i> , 2019, 11, 263-269. | 0.7 | 12 |
| 44 | Reduction and functional outcome of open reduction plate fixation versus minimally invasive reduction with percutaneous screw fixation for displaced calcaneus fracture: a retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 124. | 0.9 | 25 |
| 45 | Comparison of three different internal fixation implants in treatment of femoral neck fractureâ€”a finite element analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 76. | 0.9 | 47 |
| 46 | Medial sustainable nail versus proximal femoral nail antirotation in treating AO/OTA 31-A2.3 fractures: Finite element analysis and biomechanical evaluation. <i>Injury</i> , 2019, 50, 648-656. | 0.7 | 26 |
| 47 | Three-dimensional mapping of intertrochanteric fracture lines. <i>Chinese Medical Journal</i> , 2019, 132, 2524-2533. | 0.9 | 21 |
| 48 | Bone-Derived Extracellular Vesicles: Novel Players of Interorgan Crosstalk. <i>Frontiers in Endocrinology</i> , 2019, 10, 846. | 1.5 | 8 |
| 49 | Blockade of receptor for advanced glycation end products promotes oligodendrocyte autophagy in spinal cord injury. <i>Neuroscience Letters</i> , 2019, 698, 198-203. | 1.0 | 3 |
| 50 | Combination therapy with parathyroid hormone analogs and antiresorptive agents for osteoporosis: a systematic review and meta-analysis of randomized controlled trials. <i>Osteoporosis International</i> , 2019, 30, 59-70. | 1.3 | 37 |
| 51 | Exchange of genetic material: a new paradigm in bone cell communications. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1989-1998. | 2.4 | 4 |
| 52 | Hip fracture patients who experience a greater fluctuation in RDW during hospital course are at heightened risk for all-cause mortality: a prospective study with 2-year follow-up. <i>Osteoporosis International</i> , 2018, 29, 1559-1567. | 1.3 | 14 |
| 53 | Combination therapy of anabolic agents and bisphosphonates on bone mineral density in patients with osteoporosis: a meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2018, 8, e015187. | 0.8 | 28 |
| 54 | Three-dimensional orientation and location-dependent varying rules of radiographic angles of the acetabular cup. <i>International Orthopaedics</i> , 2018, 42, 1819-1825. | 0.9 | 4 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Parathyroid hormone analogues for fracture healing: protocol for a systematic review and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2018, 8, e019291. | 0.8 | 9 |
| 56 | Clustering of Morphological Features for Identifying Femur Cavity Subtypes With Difficulties of Intramedullary Nail Implantation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 1209-1217. | 3.9 | 13 |
| 57 | Virulence analysis of <i>Staphylococcus aureus</i> in a rabbit model of infected full-thickness wound under negative pressure wound therapy. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 161-170. | 0.7 | 7 |
| 58 | Role of extracellular vesicles in rheumatoid arthritis. <i>Molecular Immunology</i> , 2018, 93, 125-132. | 1.0 | 50 |
| 59 | The PI3K/Akt/FOXO3a pathway regulates regeneration following spinal cord injury in adult rats through TNF- α and p27kip1 expression. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2832-2838. | 1.8 | 16 |
| 60 | Clinical outcomes of femoral shaft non-union: dual plating versus exchange nailing with augmentation plating. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 295. | 0.9 | 11 |
| 61 | Biomechanical assessment of single LISS versus double-plate osteosynthesis in the AO type 33-C2 fractures: A finite element analysis. <i>Injury</i> , 2018, 49, 2142-2146. | 0.7 | 27 |
| 62 | The Augment of the Stability in Locking Compression Plate with Intramedullary Fibular Allograft for Proximal Humerus Fractures in Elderly People. <i>BioMed Research International</i> , 2018, 2018, 1-8. | 0.9 | 19 |
| 63 | Finite Element Analysis of Different Double-Plate Angles in the Treatment of the Femoral Shaft Nonunion with No Cortical Support opposite the Primary Lateral Plate. <i>BioMed Research International</i> , 2018, 2018, 1-8. | 0.9 | 5 |
| 64 | Synthesis of Highly Fluorescent Yellow-Green Na Cl -Doped Carbon Nanorings for pH Variation Detection and Bioimaging. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800276. | 1.2 | 10 |
| 65 | Differences of the Morphology of Subaxial Cervical Spine Endplates between Chinese and White Men and Women. <i>BioMed Research International</i> , 2018, 2018, 1-8. | 0.9 | 11 |
| 66 | Early Experience with Reduction of Unstable Pelvic Fracture Using a Computer-Aided Reduction Frame. <i>BioMed Research International</i> , 2018, 2018, 1-7. | 0.9 | 14 |
| 67 | Cell Transplantation for Spinal Cord Injury: Tumorigenicity of Induced Pluripotent Stem Cell-Derived Neural Stem/Progenitor Cells. <i>Stem Cells International</i> , 2018, 2018, 1-7. | 1.2 | 57 |
| 68 | Negative-Pressure Wound Therapy in a <i>Pseudomonas aeruginosa</i> Infection Model. <i>BioMed Research International</i> , 2018, 2018, 1-11. | 0.9 | 14 |
| 69 | A meta-analysis and systematic review evaluating the use of erythropoietin in total hip and knee arthroplasty. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1191-1204. | 0.9 | 22 |
| 70 | Tranexamic acid reduces intraoperative occult blood loss and tourniquet time in obese knee osteoarthritis patients undergoing total knee arthroplasty: a prospective cohort study. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 675-683. | 0.9 | 8 |
| 71 | Cell cycle and complement inhibitors may be specific for treatment of spinal cord injury in aged and young mice: Transcriptomic analyses. <i>Neural Regeneration Research</i> , 2018, 13, 518. | 1.6 | 9 |
| 72 | miR-628-3p regulates osteoblast differentiation by targeting RUNX2: Possible role in atrophic non-union. <i>International Journal of Molecular Medicine</i> , 2017, 39, 279-286. | 1.8 | 38 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Correlation analysis of osteoporotic vertebral compression fractures and spinal sagittal imbalance. <i>Der Orthopade</i> , 2017, 46, 249-255. | 0.7 | 31 |
| 74 | The association between serum uric acid level and the risk of fractures: a systematic review and meta-analysis. <i>Osteoporosis International</i> , 2017, 28, 2299-2307. | 1.3 | 15 |
| 75 | p53 inhibits the upregulation of sirtuin 1 expression induced by c-Myc. <i>Oncology Letters</i> , 2017, 14, 4396-4402. | 0.8 | 9 |
| 76 | POSS-modified PEG adhesives for wound closure. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 622 | 2.0 | 18 |
| 77 | A sequential delivery system employing the synergism of EPO and NGF promotes sciatic nerve repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 327-336. | 2.5 | 20 |
| 78 | Antibacterial and cytocompatible AgNPs constructed with the assistance of Mefp-1 for orthopaedic implants. <i>RSC Advances</i> , 2017, 7, 38434-38443. | 1.7 | 10 |
| 79 | Repairing sciatic nerve injury with an EPO-loaded nerve conduit and sandwiched-in strategy of transplanting mesenchymal stem cells. <i>Biomaterials</i> , 2017, 142, 90-100. | 5.7 | 35 |
| 80 | The roles of bone-derived exosomes and exosomal microRNA in regulating bone remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1033-1041. | 1.6 | 142 |
| 81 | Evaluating the Use of Serum Inflammatory Markers for Preoperative Diagnosis of Infection in Patients with Nonunions. <i>BioMed Research International</i> , 2017, 2017, 1-5. | 0.9 | 20 |
| 82 | Effects of Calcium Sulfate Combined with Platelet-rich Plasma on Restoration of Long Bone Defect in Rabbits. <i>Chinese Medical Journal</i> , 2016, 129, 557-561. | 0.9 | 8 |
| 83 | The Effect of Teriparatide on Fracture Healing of Osteoporotic Patients: A Meta-Analysis of Randomized Controlled Trials. <i>BioMed Research International</i> , 2016, 2016, 1-10. | 0.9 | 37 |
| 84 | Effect of Negative Pressure on Proliferation, Virulence Factor Secretion, Biofilm Formation, and Virulence-Regulated Gene Expression of <i>Pseudomonas aeruginosa</i> In Vitro. <i>BioMed Research International</i> , 2016, 2016, 1-7. | 0.9 | 11 |
| 85 | An Effective and Feasible Method, "Hammering Technique," for Percutaneous Fixation of Anterior Column Acetabular Fracture. <i>BioMed Research International</i> , 2016, 2016, 1-6. | 0.9 | 5 |
| 86 | Inhibitory effect of superhydrophobicity on silver release and antibacterial properties of superhydrophobic Ag/TiO ₂ nanotubes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 1004-1012. | 1.6 | 34 |
| 87 | Use of combination therapy in the treatment of primary osteoporosis: protocol for a network meta-analysis of randomised trials. <i>BMJ Open</i> , 2016, 6, e012802. | 0.8 | 5 |
| 88 | A three-stage procedure using bone transportation for the treatment of sternoclavicular infectious arthritis. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 152. | 0.9 | 3 |
| 89 | Analysis of the independent risk factors of neurologic deficit after thoracolumbar burst fracture. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 128. | 0.9 | 16 |
| 90 | Combination of red cell distribution width and American Society of Anesthesiologists score for hip fracture mortality prediction. <i>Osteoporosis International</i> , 2016, 27, 2077-2087. | 1.3 | 25 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Double locking plate fixation for femoral shaft nonunion. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2016, 26, 501-507. | 0.6 | 17 |
| 92 | Anemia on Admission Is an Independent Predictor of Long-Term Mortality in Hip Fracture Population. <i>Medicine (United States)</i> , 2016, 95, e2469. | 0.4 | 23 |
| 93 | Early application of negative pressure wound therapy to acute wounds contaminated with <i>Staphylococcus aureus</i> : An effective approach to preventing biofilm formation. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 769-776. | 0.8 | 26 |
| 94 | A mathematical method for precisely calculating the radiographic angles of the cup after total hip arthroplasty. <i>Medical Engineering and Physics</i> , 2016, 38, 1376-1381. | 0.8 | 5 |
| 95 | Computer-aided pelvic reduction frame for anatomical closed reduction of unstable pelvic fractures. <i>Journal of Orthopaedic Research</i> , 2016, 34, 81-87. | 1.2 | 8 |
| 96 | Red Cell Distribution Width as an Independent Predictor of Long-Term Mortality in Hip Fracture Patients: A Prospective Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 223-233. | 3.1 | 39 |
| 97 | Naringenin inhibits spinal cord injury-induced activation of neutrophils through miR-223. <i>Gene</i> , 2016, 592, 128-133. | 1.0 | 41 |
| 98 | R les des interf rons sur les ost oclastes et l ost oclastog nese. <i>Revue Du Rhumatisme (Edition) Tj ETQq0 0 0 rgBT /Overlo</i> | 0.0 | 8 |
| 99 | Allogreffe fibulaire impact e et plaque verrouill e versus h miarthroplastie d  paule dans les fractures 4 ragments proximales de l hum rus ost oporotique : une  tude prospective cons cutive. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2016, 102, 226. | 0.0 | 0 |
| 100 | A novel master-slave teleoperation robot system for diaphyseal fracture reduction: a preliminary study. <i>Computer Assisted Surgery</i> , 2016, 21, 162-167. | 0.6 | 20 |
| 101 | The effect of sequential therapy for postmenopausal women with osteoporosis. <i>Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlo</i> | 0.4 | 12 |
| 102 | Clinical characteristics and risk factors of postoperative pneumonia after hip fracture surgery: a prospective cohort study. <i>Osteoporosis International</i> , 2016, 27, 3001-3009. | 1.3 | 78 |
| 103 | Experimental study on treatment of acetabular anterior column fractures: applyment of a minimally invasive percutaneous lag screw guide apparatus. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 27. | 0.8 | 9 |
| 104 | Investigation of proteome changes in osteoclastogenesis in low serum culture system using quantitative proteomics. <i>Proteome Science</i> , 2016, 14, 8. | 0.7 | 7 |
| 105 | Comparison of intramedullary fibular allograft with locking compression plate versus shoulder hemi-arthroplasty for repair of osteoporotic four-part proximal humerus fracture: Consecutive, prospective, controlled, and comparative study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2016, 102, 287-292. | 0.9 | 23 |
| 106 | The roles of interferons in osteoclasts and osteoclastogenesis. <i>Joint Bone Spine</i> , 2016, 83, 276-281. | 0.8 | 33 |
| 107 | Comparison of anterograde versus retrograde percutaneous screw fixation of anterior column acetabular fractures. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 635-639. | 1.7 | 13 |
| 108 | Evaluation of Elastic Stiffness in Healing Achilles Tendon After Surgical Repair of a Tendon Rupture Using In Vivo Ultrasound Shear Wave Elastography. <i>Medical Science Monitor</i> , 2016, 22, 1186-1191. | 0.5 | 62 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Establishment of a rat model of chronic thoracolumbar cord compression with a flat plastic screw. <i>Neural Regeneration Research</i> , 2016, 11, 963. | 1.6 | 8 |
| 110 | Recombinant receptor activator of nuclear factor κ B exhibits more marked inhibitory effects on osteoclasts compared with recombinant osteoprotegerin in vitro and in vivo. <i>Molecular Medicine Reports</i> , 2015, 12, 631-638. | 1.1 | 1 |
| 111 | Two-photon microscopy as a tool to investigate the therapeutic time window of methylprednisolone in a mouse spinal cord injury model. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 291-300. | 0.4 | 5 |
| 112 | A computer aided measurement method for unstable pelvic fractures based on standardized radiographs. <i>BMC Medical Imaging</i> , 2015, 15, 41. | 1.4 | 5 |
| 113 | Preoperative trajectory planning for closed reduction of long-bone diaphyseal fracture using a computer-assisted reduction system. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015, 11, 58-66. | 1.2 | 23 |
| 114 | Robot-musculoskeletal dynamic biomechanical model in robot-assisted diaphyseal fracture reduction. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S365-S374. | 0.4 | 13 |
| 115 | Advancing computer-assisted orthopaedic surgery using a hexapod device for closed diaphyseal fracture reduction. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015, 11, 348-359. | 1.2 | 52 |
| 116 | The Multiple Roles of Microrna-223 in Regulating Bone Metabolism. <i>Molecules</i> , 2015, 20, 19433-19448. | 1.7 | 39 |
| 117 | Correlation between Parameters of Calcaneal Quantitative Ultrasound and Hip Structural Analysis in Osteoporotic Fracture Patients. <i>PLoS ONE</i> , 2015, 10, e0145879. | 1.1 | 15 |
| 118 | Mineralized Collagen: Rationale, Current Status, and Clinical Applications. <i>Materials</i> , 2015, 8, 4733-4750. | 1.3 | 79 |
| 119 | Synergistic Effects of BMP9 and miR-548d-5p on Promoting Osteogenic Differentiation of Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2015, 2015, 1-9. | 0.9 | 12 |
| 120 | Localized and Sustained Delivery of Erythropoietin from PLGA Microspheres Promotes Functional Recovery and Nerve Regeneration in Peripheral Nerve Injury. <i>BioMed Research International</i> , 2015, 2015, 1-7. | 0.9 | 17 |
| 121 | Three-Dimensional Analysis of the Curvature of the Femoral Canal in 426 Chinese Femurs. <i>BioMed Research International</i> , 2015, 2015, 1-8. | 0.9 | 18 |
| 122 | Proteomic Analysis of Estrogen-Mediated Signal Transduction in Osteoclasts Formation. <i>BioMed Research International</i> , 2015, 2015, 1-10. | 0.9 | 16 |
| 123 | Three-Dimensional Analysis of the Characteristics of the Femoral Canal Isthmus: An Anatomical Study. <i>BioMed Research International</i> , 2015, 2015, 1-9. | 0.9 | 20 |
| 124 | Outcome of posterior cruciate ligament reconstruction using the single- versus double bundle technique: A meta-analysis. <i>Journal of International Medical Research</i> , 2015, 43, 149-160. | 0.4 | 16 |
| 125 | In Vivo Two-Photon Imaging of Axonal Dieback, Blood Flow and Calcium Influx with Methylprednisolone Therapy after Spinal Cord Injury. <i>Scientific Reports</i> , 2015, 5, 9691. | 1.6 | 48 |
| 126 | Clinical outcomes of allograft with locking compression plates for elderly four-part proximal humerus fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 114. | 0.9 | 23 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | A visual servo-based teleoperation robot system for closed diaphyseal fracture reduction. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 629-637. | 1.0 | 21 |
| 128 | Channel-assisted minimally invasive repair of acute Achilles tendon rupture. Journal of Orthopaedic Surgery and Research, 2015, 10, 167. | 0.9 | 14 |
| 129 | Three-column osteotomy surgery versus standard surgical management for the correction of adult spinal deformity: a cohort study. Journal of Orthopaedic Surgery and Research, 2015, 10, 23. | 0.9 | 9 |
| 130 | Effect of Octacalcium-Phosphate-Modified Micro/Nanostructured Titania Surfaces on Osteoblast Response. ACS Applied Materials & Interfaces, 2015, 7, 14384-14396. | 4.0 | 62 |
| 131 | Association between calcitonin receptor Alu1 gene polymorphism and bone mineral density: A meta-analysis. Experimental and Therapeutic Medicine, 2015, 9, 65-76. | 0.8 | 2 |
| 132 | A novel 3D-printed device for localization and extraction of trabeculae from human femoral heads: a comparison with traditional visual extraction. Osteoporosis International, 2015, 26, 1791-1799. | 1.3 | 9 |
| 133 | Predicting the optimal entry point for femoral antegrade nailing using a new measurement approach. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1557-1565. | 1.7 | 12 |
| 134 | Comparison of microstructural and mechanical properties of trabeculae in femoral head from osteoporosis patients with and without cartilage lesions: a case-control study. BMC Musculoskeletal Disorders, 2015, 16, 72. | 0.8 | 10 |
| 135 | Proteomic study of different culture medium serum volume fractions on RANKL-dependent RAW264.7 cells differentiating into osteoclasts. Proteome Science, 2015, 13, 16. | 0.7 | 9 |
| 136 | Validation of the simplified Chinese (Mainland) version of the Disability of the Arm, Shoulder, and Hand questionnaire (DASH-CHNPLAGH). Journal of Orthopaedic Surgery and Research, 2015, 10, 76. | 0.9 | 16 |
| 137 | Effect of negative pressure on growth, secretion and biofilm formation of Staphylococcus aureus. Antonie Van Leeuwenhoek, 2015, 108, 907-917. | 0.7 | 19 |
| 138 | Remodeling the Dendritic Spines in the Hindlimb Representation of the Sensory Cortex after Spinal Cord Hemisection in Mice. PLoS ONE, 2015, 10, e0132077. | 1.1 | 9 |
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