

Shuogui Xu

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,186
citations

516710

16
h-index

395702

33
g-index

57
all docs

57
docs citations

57
times ranked

1874
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Exosomes from human umbilical cord mesenchymal stem cells enhance fracture healing through HIF-1 α -mediated promotion of angiogenesis in a rat model of stabilized fracture. <i>Cell Proliferation</i> , 2019, 52, e12570. | 5.3 | 163 |
| 2 | Umbilical Mesenchymal Stem Cell-Derived Exosome-Encapsulated Hydrogels Accelerate Bone Repair by Enhancing Angiogenesis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18472-18487. | 8.0 | 106 |
| 3 | Selective laser sintering fabrication of nano-hydroxyapatite/poly- ϵ -caprolactone scaffolds for bone tissue engineering applications. <i>International Journal of Nanomedicine</i> , 2013, 8, 4197. | 6.7 | 104 |
| 4 | Enhanced bone tissue regeneration by antibacterial and osteoinductive silica-HACC-zein composite scaffolds loaded with rhBMP-2. <i>Biomaterials</i> , 2014, 35, 10033-10045. | 11.4 | 87 |
| 5 | Calcium silicate bioactive ceramics induce osteogenesis through oncostatin M. <i>Bioactive Materials</i> , 2021, 6, 810-822. | 15.6 | 62 |
| 6 | Highly Effective Antibacterial Vesicles Based on Peptide-Mimetic Alternating Copolymers for Bone Repair. <i>Biomacromolecules</i> , 2017, 18, 4154-4162. | 5.4 | 50 |
| 7 | Organic/Inorganic Composite Membranes Based on Poly(<i>l</i> -lactic acid)- <i>co</i> -glycolic acid) and Mesoporous Silica for Effective Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20895-20903. | 8.0 | 49 |
| 8 | LncRNA FOXD2-AS1 induces chondrocyte proliferation through sponging miR-27a-3p in osteoarthritis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1241-1247. | 2.8 | 48 |
| 9 | Loading BMP-2 on nanostructured hydroxyapatite microspheres for rapid bone regeneration. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4083-4092. | 6.7 | 45 |
| 10 | LncRNA NEAT1 reversed the hindering effects of miR-495-3p/STAT3 axis and miR-211/PI3K/AKT axis on sepsis-relevant inflammation. <i>Molecular Immunology</i> , 2020, 117, 168-179. | 2.2 | 41 |
| 11 | Knockdown of Burton's tyrosine kinase confers potent protection against sepsis-induced acute lung injury. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 1265-1275. | 1.8 | 32 |
| 12 | Application of a shape-memory alloy internal fixator for treatment of acetabular fractures with a follow-up of two to nine years in China. <i>International Orthopaedics</i> , 2010, 34, 1033-1040. | 1.9 | 31 |
| 13 | Iron overload threatens the growth of osteoblast cells via inhibiting the PI3K/AKT/FOXO3a/DUSP14 signaling pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 15668-15677. | 4.1 | 28 |
| 14 | Antibacterial properties and bioactivity of HACC- and HACC-Zein-modified mesoporous bioactive glass scaffolds. <i>Journal of Materials Chemistry B</i> , 2013, 1, 685-692. | 5.8 | 27 |
| 15 | Treatment of open tibial diaphyseal fractures by external fixation combined with limited internal fixation versus simple external fixation: a retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 311. | 1.9 | 23 |
| 16 | Smart Sorting of Tumor Phenotype with Versatile Fluorescent Ag Nanoclusters by Sensing Specific Reactive Oxygen Species. <i>Theranostics</i> , 2020, 10, 3430-3450. | 10.0 | 20 |
| 17 | A novel shape memory poly(μ -caprolactone) network via UV-triggered thiol-ene reaction. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 692-701. | 2.1 | 18 |
| 18 | Biodegradable magnetic-sensitive shape memory poly(ϵ -caprolactone)-F ₃ O ₄ nanocomposites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45652. | 2.6 | 17 |

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|----|---|-----|-----------|
| 19 | Comparative study of comminuted posterior acetabular wall fracture treated with the Acetabular Tridimensional Memory Fixation System. <i>Injury</i> , 2014, 45, 725-731. | 1.7 | 15 |
| 20 | De novo transcriptomic analysis of the venomous glands from the scorpion <i>Heterometrus spinifer</i> revealed unique and extremely high diversity of the venom peptides. <i>Toxicon</i> , 2018, 143, 1-19. | 1.6 | 15 |
| 21 | Biomechanical Comparison of Different Stabilization Constructs for Unstable Posterior Wall Fractures of Acetabulum. A Cadaveric Study. <i>PLoS ONE</i> , 2013, 8, e82993. | 2.5 | 14 |
| 22 | Degradability, biocompatibility, and osteogenesis of biocomposite scaffolds containing nano magnesium phosphate and wheat protein both in vitro and in vivo for bone regeneration. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3435-3449. | 6.7 | 14 |
| 23 | DUSP19, a downstream effector of leptin, inhibits chondrocyte apoptosis via dephosphorylating JNK during osteoarthritis pathogenesis. <i>Molecular BioSystems</i> , 2016, 12, 721-728. | 2.9 | 14 |
| 24 | Silver-decorated mesostructured cellular silica foams as excellent antibacterial hemostatic agents for rapid and effective treatment of hemorrhage. <i>Materials Science and Engineering C</i> , 2020, 115, 111105. | 7.3 | 14 |
| 25 | Smoking Alters Inflammation and Skeletal Stem and Progenitor Cell Activity During Fracture Healing in Different Murine Strains. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 186-198. | 2.8 | 13 |
| 26 | Preventive Effects of <i>Bacillus licheniformis</i> on Heat Stroke in Rats by Sustaining Intestinal Barrier Function and Modulating Gut Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 630841. | 3.5 | 13 |
| 27 | Synergistic effect of vancomycin and l-homocarnosine alleviates <i>Staphylococcus aureus</i> -induced osteomyelitis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 31-35. | 5.6 | 12 |
| 28 | Application of Ni-Ti Alloy connector for the treatment of comminuted coronal plane supracondylar-condylar femoral fractures: a retrospective review of 21 patients. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 355. | 1.9 | 10 |
| 29 | The synergistic therapeutic efficacy of vancomycin and omega-3 fatty acids alleviates <i>Staphylococcus aureus</i> -induced osteomyelitis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1228-1233. | 5.6 | 10 |
| 30 | Siliceous mesostructured cellular foams/ poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) composite biomaterials for bone regeneration. <i>International Journal of Nanomedicine</i> , 2014, 9, 4795. | 6.7 | 9 |
| 31 | Photodirected 2D-to-3D morphing structures of shape memory polycaprolactone/W18O49 nanowires composite film. <i>Science China Materials</i> , 2021, 64, 1495-1506. | 6.3 | 9 |
| 32 | Severe Pneumonia Caused by Infection With <i>Tropheryma whipplei</i> Complicated With <i>Acinetobacter baumannii</i> Infection: A Case Report Involving a Young Woman. <i>Frontiers in Public Health</i> , 2021, 9, 729595. | 2.7 | 8 |
| 33 | A novel navigation system to guide metallic foreign body extraction. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 2105-2110. | 2.8 | 7 |
| 34 | Novel laser positioning navigation to aid puncture during percutaneous nephrolithotomy: a preliminary report. <i>World Journal of Urology</i> , 2019, 37, 1189-1196. | 2.2 | 7 |
| 35 | Mapping Thematic Trends and Analysing Hotspots Concerning the Use of Stem Cells for Cartilage Regeneration: A Bibliometric Analysis From 2010 to 2020. <i>Frontiers in Pharmacology</i> , 2021, 12, 737939. | 3.5 | 7 |
| 36 | Matrine derivate MASM protects murine MC3T3-E1 osteoblastic cells against dexamethasone-induced apoptosis via the regulation of USP14/p53. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 3720-3728. | 2.8 | 6 |

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|----|--|-----|-----------|
| 37 | MicroRNA-139-5p Promotes Functional Recovery and Reduces Pain Hypersensitivity in Mice with Spinal Cord Injury by Targeting Mammalian Sterile 20-like Kinase 1. <i>Neurochemical Research</i> , 2021, 46, 349-357. | 3.3 | 6 |
| 38 | O-Acrylamidomethyl-2-hydroxypropyltrimethyl ammonium chloride chitosan and silk modified mesoporous bioactive glass scaffolds with excellent mechanical properties, bioactivity and long-lasting antibacterial activity. <i>RSC Advances</i> , 2016, 6, 66938-66948. | 3.6 | 4 |
| 39 | Application of a novel shape-memory alloy concentrator in displaced olecranon fractures: a report of the technique and mid-term clinical results. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 453. | 2.3 | 4 |
| 40 | Knowledge, Attitudes, and Practices of Military Personnel Regarding Heat-Related Illness Risk Factors: Results of a Chinese Cross-Sectional Study. <i>Frontiers in Public Health</i> , 2021, 9, 707264. | 2.7 | 4 |
| 41 | Mapping Trends and Hotspots Regarding the Use of Ultrasound in Emergency Medicine: A Bibliometric Analysis of Global Research. <i>Frontiers in Public Health</i> , 2021, 9, 764642. | 2.7 | 4 |
| 42 | Inhibitor β protein therapy alleviates severe pneumonia through inhibition of nuclear factor κ B. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1398-1402. | 1.8 | 3 |
| 43 | Application of a Ni-Ti arched shape-memory connector in unstable lateral malleolus fractures: A retrospective study. <i>Injury</i> , 2019, 50, 551-557. | 1.7 | 3 |
| 44 | Depressive State in the Emergency Department During COVID-19: A National Cross-Sectional Survey in China. <i>Frontiers in Psychiatry</i> , 2021, 12, 566990. | 2.6 | 3 |
| 45 | A new technology using a customized 3D printed fixator to assist fracture reduction and fixation: Technical note. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2270. | 2.3 | 2 |
| 46 | Comparison of the Kirschner Wire Tension Band with a Novel Nickel-Titanium Arched Shape-Memory Alloy Connector in Transverse Patellar Fractures: A Retrospective Study. <i>Journal of Knee Surgery</i> , 2020, 34, 987-996. | 1.6 | 1 |
| 47 | Combination of mini locking plate and nitinol arched shape-memory connector for purely lateral malleolus fractures: technique and clinical results. <i>Annals of Translational Medicine</i> , 2020, 8, 1573-1573. | 1.7 | 1 |
| 48 | Mapping theme trends and recognizing research hot spots in the use of ultrasound in orthopaedics: a bibliometric analysis of global research. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 9892-9911. | 0.0 | 1 |
| 49 | Surgical laser positioning system assists removal of a cervical migratory foreign object. <i>Brazilian Journal of Otorhinolaryngology</i> , 2021, , . | 1.0 | 0 |