# Shui Sun

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 624 citations | 687220 13 h-index | 677027 22 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 945 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of the therapeutic efficacy of human bone marrow mesenchymal stem cells with COX-2 silence and TGF-Î²3 overexpression in rabbits with antigen-induced arthritis. Experimental Cell Research, 2022, 410, 112945. | 1.2 | 3 |
| 2 | Cyclic Polypeptide D7 Protects Bone Marrow Mesenchymal Cells and Promotes Chondrogenesis during Osteonecrosis of the Femoral Head via Growth Differentiation Factor 15-Mediated Redox Signaling. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16. | 1.9 | 3 |
| 3 | Network Pharmacology Deciphers the Action of Bioactive Polypeptide in Attenuating Inflammatory Osteolysis via the Suppression of Oxidative Stress and Restoration of Bone Remodeling Balance. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17. | 1.9 | 3 |
| 4 | Wnt3a knockdown promotes collagen typeÂII expression in rat chondrocytes. Experimental and Therapeutic Medicine, 2022, 24, . | 0.8 | 0 |
| 5 | Reliability of d-Dimer Determination in Diagnosis of Peri-Prosthetic Joint Infection: A Systematic Review and Meta-Analysis. Surgical Infections, 2021, 22, 374-382. | 0.7 | 10 |
| 6 | The â€œfloating ulnaâ€•injury in adults: a case report, literature review and proposed injury classification. BMC Musculoskeletal Disorders, 2021, 22, 20. | 0.8 | 0 |
| 7 | Identification of Critical Genes and lncRNAs in Osteolysis after Total Hip Arthroplasty and Osteoarthritis by RNA Sequencing. BioMed Research International, 2021, 2021, 1-13. | 0.9 | 4 |
| 8 | Thromboelastography parameters in diagnosing periprosthetic joint infection and predicting reimplantation timing. BMC Musculoskeletal Disorders, 2021, 22, 689. | 0.8 | 2 |
| 9 | A retrospective comparison of thromboelastography and conventional coagulation parameters for periprosthetic joint infection diagnosis and reimplantation timing. Clinica Chimica Acta, 2021, 519, 118-125. | 0.5 | 10 |
| 10 | Therapeutic Applications of Nanozymes in Chronic Inflammatory Diseases. BioMed Research International, 2021, 2021, 1-9. | 0.9 | 7 |
| 11 | Long noncoding RNA ZFAS1 suppresses chondrocytes apoptosis via miR-302d-3p/SMAD2 in osteoarthritis. Bioscience, Biotechnology and Biochemistry, 2021, 85, 842-850. | 0.6 | 5 |
| 12 | Efficacy of mesenchymal stromal cells for the treatment of knee osteoarthritis: a meta-analysis of randomized controlled trials. Journal of Orthopaedic Surgery and Research, 2021, 16, 11. | 0.9 | 15 |
| 13 | Core decompression combined with implantation of Î²-tricalcium phosphate modified by a BMSC affinity cyclic peptide for the treatment of early osteonecrosis of the femoral head. American Journal of Translational Research (discontinued), 2021, 13, 967-978. | 0.0 | 1 |
| 14 | miR-590-5p affects chondrocyte proliferation, apoptosis, and inflammation by targeting FGF18 in osteoarthritis. American Journal of Translational Research (discontinued), 2021, 13, 8728-8741. | 0.0 | 1 |
| 15 | Comparison of a Comprehensive Set of Fibrinolytic Markers With C-Reactive Protein and Erythrocyte Sedimentation Rate for the Diagnosis of Periprosthetic Joint Infection. Journal of Arthroplasty, 2020, 35, 2613-2618. | 1.5 | 18 |
| 16 | MiRâ€1207â€5p/CX3CR1 axis regulates the progression of osteoarthritis via the modulation of the activity of NFâ€ºB pathway. International Journal of Rheumatic Diseases, 2020, 23, 1057-1065. | 0.9 | 7 |
| 17 | Insulin Exacerbates Inflammation in Fibroblast-Like Synoviocytes. Inflammation, 2020, 43, 916-936. | 1.7 | 15 |
| 18 | Simultaneously promoting adhesion and osteogenic differentiation of bone marrow-derived mesenchymal cells by a functional electrospun scaffold. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111040. | 2.5 | 14 |

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|---|---|---|---|
| 19 | A specific affinity cyclic peptide enhances the adhesion, expansion and proliferation of rat bone mesenchymal stem cells on Î²â€˜tricalcium phosphate scaffolds. Molecular Medicine Reports, 2019, 20, 1157-1166. | 1.1 | 8 |
| 20 | BMSC affinity peptide-functionalized Î²-tricalcium phosphate scaffolds promoting repair of osteonecrosis of the femoral head. Journal of Orthopaedic Surgery and Research, 2019, 14, 204. | 0.9 | 17 |
| 21 | Allogenic chondrocyte/osteoblast-loaded Î²-tricalcium phosphate bioceramic scaffolds for articular cartilage defect treatment. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1570-1576. | 1.9 | 14 |
| 22 | Exosomes derived from platelet-rich plasma present a novel potential in alleviating knee osteoarthritis by promoting proliferation and inhibiting apoptosis of chondrocyte via Wnt/Î²-catenin signaling pathway. Journal of Orthopaedic Surgery and Research, 2019, 14, 470. | 0.9 | 104 |
| 23 | Low scavenger receptor classÃ¯Â¿Â½B typeÃ¯Â¿Â½I expression is associated with gastric adenocarcinoma tumor aggressiveness. Oncology Letters, 2018, 15, 4604-4610. | 0.8 | 3 |
| 24 | The relationship between genetic polymorphisms in apolipoprotein E (ApoE) gene and osteonecrosis of the femoral head induced by steroid in Chinese Han population. Genes and Genomics, 2018, 40, 225-231. | 0.5 | 6 |
| 25 | Expression of FSHR in chondrocytes and the effect of FSH on chondrocytes. Biochemical and Biophysical Research Communications, 2018, 495, 587-593. | 1.0 | 12 |
| 26 | Enhanced adhesion and proliferation of bone marrow mesenchymal stem cells on Î²â€˜tricalcium phosphate modified by an affinity peptide. Molecular Medicine Reports, 2018, 19, 375-381. | 1.1 | 9 |
| 27 | Biopanning of mouse bone marrow mesenchymal stem cell affinity for cyclic peptides. Molecular Medicine Reports, 2018, 19, 407-413. | 1.1 | 9 |
| 28 | E2F2 directly regulates the STAT1 and PI3K/AKT/NF-ÎºB pathways to exacerbate the inflammatory phenotype in rheumatoid arthritis synovial fibroblasts and mouse embryonic fibroblasts. Arthritis Research and Therapy, 2018, 20, 225. | 1.6 | 54 |
| 29 | An Emerging Role for Circular RNAs in Osteoarthritis. Yonsei Medical Journal, 2018, 59, 349. | 0.9 | 50 |
| 30 | E7 peptide-functionalized Ti6Al4V alloy for BMSC enrichment in bone tissue engineering. American Journal of Translational Research (discontinued), 2018, 10, 2480-2490. | 0.0 | 6 |
| 31 | Calcitonin protects chondrocytes from lipopolysaccharide-induced apoptosis and inflammatory response through MAPK/Wnt/NF-ÎºB pathways. Molecular Immunology, 2017, 87, 249-257. | 1.0 | 39 |
| 32 | Inhibitory effect of quercetin on titanium particle induced endoplasmic reticulum stress related apoptosis and in vivo osteolysis. Bioscience Reports, 2017, 37, . | 1.1 | 14 |
| 33 | Inhibition of furin results in increased growth, invasiveness and cytokine production of synoviocytes from patients with rheumatoid arthritis. Joint Bone Spine, 2017, 84, 433-439. | 0.8 | 8 |
| 34 | The molecular mechanism of treating osteoarthritis with dipsacus saponins by inhibiting chondrocyte apoptosis. Experimental and Therapeutic Medicine, 2017, 14, 4527-4532. | 0.8 | 5 |
| 35 | Protective Effects of Garlic-Derived S-Allylmercaptocysteine on IL-1Î²-Stimulated Chondrocytes by Regulation of MMPs/TIMP-1 Ratio and Type II Collagen Expression via Suppression of NF-ÎºB Pathway. BioMed Research International, 2017, 2017, 1-10. | 0.9 | 14 |
| 36 | Effect of Scutellarin inhibits collagen-induced arthritis through TLR4/NF-ÎºB-mediated inflammation. Molecular Medicine Reports, 2017, 16, 5555-5560. | 1.1 | 17 |

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|---|---|---|---|
| 37 | In VitroBioactivity Study of RGD-Coated Titanium Alloy Prothesis for Revision Total Hip Arthroplasty. BioMed Research International, 2016, 2016, 1-7. | 0.9 | 5 |
| 38 | Acetylsalicylic acid combined with diclofenac inhibits cartilage degradation in rabbit models of osteoarthritis. Experimental and Therapeutic Medicine, 2016, 12, 2177-2182. | 0.8 | 2 |
| 39 | Silencing of Wnt5a prevents interleukin-1Î²-induced collagen type II degradation in rat chondrocytes. Experimental and Therapeutic Medicine, 2016, 12, 3161-3166. | 0.8 | 25 |
| 40 | Use of a biological reactor and platelet-rich plasma for the construction of tissue-engineered bone to repair articular cartilage defects. Experimental and Therapeutic Medicine, 2016, 12, 711-719. | 0.8 | 11 |
| 41 | Selective spleen tyrosine kinase inhibition delays autoimmune arthritis in mice. Molecular Medicine Reports, 2015, 12, 2902-2906. | 1.1 | 4 |
| 42 | Lentiviral-mediated multiple gene transfer to chondrocytes promotes chondrocyte differentiation and bone formation in rabbit bone marrow-derived mesenchymal stem cells. Oncology Reports, 2015, 34, 2618-2626. | 1.2 | 4 |
| 43 | Quantitative analysis of factors influencing tissue-engineered bone formation by detecting the expression levels of alkaline phosphatase and bone Î³-carboxyglutamate protein 2. Experimental and Therapeutic Medicine, 2015, 9, 1097-1102. | 0.8 | 7 |
| 44 | A canine model of osteonecrosis of the femoral head induced by MRI guided argon helium cryotherapy system. International Journal of Clinical and Experimental Medicine, 2015, 8, 12890-7. | 1.3 | 1 |
| 45 | Efficacy and safety evaluation of intra-articular injection of tranexamic acid in total knee arthroplasty operation with temporarily drainage close. International Journal of Clinical and Experimental Medicine, 2015, 8, 14328-34. | 1.3 | 10 |
| 46 | A novel animal model of osteonecrosis of the femoral head induced using a magnetic resonance imaging-guided argon-helium cryotherapy system. Experimental and Therapeutic Medicine, 2014, 7, 1525-1528. | 0.8 | 9 |
| 47 | Association of toll-like receptor 4 signaling pathway with steroid-induced femoral head osteonecrosis in rats. Journal of Huazhong University of Science and Technology [Medical Sciences], 2014, 34, 679-686. | 1.0 | 14 |
| 48 | Construction of tissue-engineered bone using a bioreactor and platelet-rich plasma. Experimental and Therapeutic Medicine, 2014, 8, 413-418. | 0.8 | 6 |
| 49 | Repairing cartilage defects using chondrocyte and osteoblast composites developed using a bioreactor. Chinese Medical Journal, 2011, 124, 758-63. | 0.9 | 6 |