

Shui Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2882371/publications.pdf>

Version: 2024-02-01

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	Exosomes derived from platelet-rich plasma present a novel potential in alleviating knee osteoarthritis by promoting proliferation and inhibiting apoptosis of chondrocyte via Wnt/ β -catenin signaling pathway. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 470.	0.9	104
2	E2F2 directly regulates the STAT1 and PI3K/AKT/NF- κ B pathways to exacerbate the inflammatory phenotype in rheumatoid arthritis synovial fibroblasts and mouse embryonic fibroblasts. <i>Arthritis Research and Therapy</i> , 2018, 20, 225.	1.6	54
3	An Emerging Role for Circular RNAs in Osteoarthritis. <i>Yonsei Medical Journal</i> , 2018, 59, 349.	0.9	50
4	Calcitonin protects chondrocytes from lipopolysaccharide-induced apoptosis and inflammatory response through MAPK/Wnt/NF- κ B pathways. <i>Molecular Immunology</i> , 2017, 87, 249-257.	1.0	39
5	Silencing of Wnt5a prevents interleukin-1 β -induced collagen type II degradation in rat chondrocytes. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3161-3166.	0.8	25
6	Comparison of a Comprehensive Set of Fibrinolytic Markers With C-Reactive Protein and Erythrocyte Sedimentation Rate for the Diagnosis of Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 2613-2618.	1.5	18
7	Effect of Scutellarin inhibits collagen-induced arthritis through TLR4/NF- κ B-mediated inflammation. <i>Molecular Medicine Reports</i> , 2017, 16, 5555-5560.	1.1	17
8	BMSC affinity peptide-functionalized β -tricalcium phosphate scaffolds promoting repair of osteonecrosis of the femoral head. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 204.	0.9	17
9	Insulin Exacerbates Inflammation in Fibroblast-Like Synoviocytes. <i>Inflammation</i> , 2020, 43, 916-936.	1.7	15
10	Efficacy of mesenchymal stromal cells for the treatment of knee osteoarthritis: a meta-analysis of randomized controlled trials. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 11.	0.9	15
11	Association of toll-like receptor 4 signaling pathway with steroid-induced femoral head osteonecrosis in rats. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2014, 34, 679-686.	1.0	14
12	Inhibitory effect of quercetin on titanium particle induced endoplasmic reticulum stress related apoptosis and <i>in vivo</i> osteolysis. <i>Bioscience Reports</i> , 2017, 37, .	1.1	14
13	Protective Effects of Garlic-Derived S-Allylmercaptocysteine on IL-1 β -Stimulated Chondrocytes by Regulation of MMPs/TIMP-1 Ratio and Type II Collagen Expression via Suppression of NF- κ B Pathway. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	14
14	Allogenic chondrocyte/osteoblast-loaded β -tricalcium phosphate bioceramic scaffolds for articular cartilage defect treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1570-1576.	1.9	14
15	Simultaneously promoting adhesion and osteogenic differentiation of bone marrow-derived mesenchymal cells by a functional electrospun scaffold. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111040.	2.5	14
16	Expression of FSHR in chondrocytes and the effect of FSH on chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 587-593.	1.0	12
17	Use of a biological reactor and platelet-rich plasma for the construction of tissue-engineered bone to repair articular cartilage defects. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 711-719.	0.8	11
18	Reliability of d-Dimer Determination in Diagnosis of Peri-Prosthetic Joint Infection: A Systematic Review and Meta-Analysis. <i>Surgical Infections</i> , 2021, 22, 374-382.	0.7	10

#	ARTICLE	IF	CITATIONS
19	A retrospective comparison of thromboelastography and conventional coagulation parameters for periprosthetic joint infection diagnosis and reimplantation timing. <i>Clinica Chimica Acta</i> , 2021, 519, 118-125.	0.5	10
20	Efficacy and safety evaluation of intra-articular injection of tranexamic acid in total knee arthroplasty operation with temporarily drainage close. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 14328-34.	1.3	10
21	A novel animal model of osteonecrosis of the femoral head induced using a magnetic resonance imaging-guided argon-helium cryotherapy system. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 1525-1528.	0.8	9
22	Enhanced adhesion and proliferation of bone marrow mesenchymal stem cells on β -tricalcium phosphate modified by an affinity peptide. <i>Molecular Medicine Reports</i> , 2018, 19, 375-381.	1.1	9
23	Biopanning of mouse bone marrow mesenchymal stem cell affinity for cyclic peptides. <i>Molecular Medicine Reports</i> , 2018, 19, 407-413.	1.1	9
24	Inhibition of furin results in increased growth, invasiveness and cytokine production of synoviocytes from patients with rheumatoid arthritis. <i>Joint Bone Spine</i> , 2017, 84, 433-439.	0.8	8
25	A specific affinity cyclic peptide enhances the adhesion, expansion and proliferation of rat bone mesenchymal stem cells on β -tricalcium phosphate scaffolds. <i>Molecular Medicine Reports</i> , 2019, 20, 1157-1166.	1.1	8
26	Quantitative analysis of factors influencing tissue-engineered bone formation by detecting the expression levels of alkaline phosphatase and bone β -carboxyglutamate protein 2. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1097-1102.	0.8	7
27	MIR-207-5p/CX3CR1 axis regulates the progression of osteoarthritis via the modulation of the activity of NF- κ B pathway. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 1057-1065.	0.9	7
28	Therapeutic Applications of Nanozymes in Chronic Inflammatory Diseases. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	7
29	Construction of tissue-engineered bone using a bioreactor and platelet-rich plasma. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 413-418.	0.8	6
30	The relationship between genetic polymorphisms in apolipoprotein E (ApoE) gene and osteonecrosis of the femoral head induced by steroid in Chinese Han population. <i>Genes and Genomics</i> , 2018, 40, 225-231.	0.5	6
31	E7 peptide-functionalized Ti6Al4V alloy for BMSC enrichment in bone tissue engineering. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2480-2490.	0.0	6
32	Repairing cartilage defects using chondrocyte and osteoblast composites developed using a bioreactor. <i>Chinese Medical Journal</i> , 2011, 124, 758-63.	0.9	6
33	In Vitro Bioactivity Study of RGD-Coated Titanium Alloy Prosthesis for Revision Total Hip Arthroplasty. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	5
34	The molecular mechanism of treating osteoarthritis with dipsacus saponins by inhibiting chondrocyte apoptosis. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 4527-4532.	0.8	5
35	Long noncoding RNA ZFAS1 suppresses chondrocytes apoptosis via miR-302d-3p/SMAD2 in osteoarthritis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 842-850.	0.6	5
36	Selective spleen tyrosine kinase inhibition delays autoimmune arthritis in mice. <i>Molecular Medicine Reports</i> , 2015, 12, 2902-2906.	1.1	4

#	ARTICLE	IF	CITATIONS
37	Lentiviral-mediated multiple gene transfer to chondrocytes promotes chondrocyte differentiation and bone formation in rabbit bone marrow-derived mesenchymal stem cells. <i>Oncology Reports</i> , 2015, 34, 2618-2626.	1.2	4
38	Identification of Critical Genes and lncRNAs in Osteolysis after Total Hip Arthroplasty and Osteoarthritis by RNA Sequencing. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	4
39	Low scavenger receptor class B type I expression is associated with gastric adenocarcinoma tumor aggressiveness. <i>Oncology Letters</i> , 2018, 15, 4604-4610.	0.8	3
40	Evaluation of the therapeutic efficacy of human bone marrow mesenchymal stem cells with COX-2 silence and TGF- β 3 overexpression in rabbits with antigen-induced arthritis. <i>Experimental Cell Research</i> , 2022, 410, 112945.	1.2	3
41	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	3
42	Network Pharmacology Deciphers the Action of Bioactive Polypeptide in Attenuating Inflammatory Osteolysis via the Suppression of Oxidative Stress and Restoration of Bone Remodeling Balance. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	1.9	3
43	Acetylsalicylic acid combined with diclofenac inhibits cartilage degradation in rabbit models of osteoarthritis. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 2177-2182.	0.8	2
44	Thromboelastography parameters in diagnosing periprosthetic joint infection and predicting reimplantation timing. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 689.	0.8	2
45	A canine model of osteonecrosis of the femoral head induced by MRI guided argon helium cryotherapy system. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 12890-7.	1.3	1
46	Core decompression combined with implantation of β -tricalcium phosphate modified by a BMSC affinity cyclic peptide for the treatment of early osteonecrosis of the femoral head. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 967-978.	0.0	1
47	miR-590-5p affects chondrocyte proliferation, apoptosis, and inflammation by targeting FGF18 in osteoarthritis. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 8728-8741.	0.0	1
48	The "floating ulna" injury in adults: a case report, literature review and proposed injury classification. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 20.	0.8	0
49	Wnt3a knockdown promotes collagen type III expression in rat chondrocytes. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	0