

Weimin Fan

List of Publications by Year in descending order

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31
papers

988
citations

471509

17
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosslinker-free silk/decellularized extracellular matrix porous bioink for 3D bioprinting-based cartilage tissue engineering. <i>Materials Science and Engineering C</i> , 2021, 118, 111388.	7.3	91
2	A miR-20a/MAPK1/c-Myc regulatory feedback loop regulates breast carcinogenesis and chemoresistance. <i>Cell Death and Differentiation</i> , 2018, 25, 406-420.	11.2	83
3	Circ100284, via miR-217 regulation of EZH2, is involved in the arsenite-accelerated cell cycle of human keratinocytes in carcinogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 753-763.	3.8	69
4	Silencing NKG2D ligand-targeting miRNAs enhances natural killer cell-mediated cytotoxicity in breast cancer. <i>Cell Death and Disease</i> , 2017, 8, e2740-e2740.	6.3	65
5	Repair of articular cartilage defects with tissue-engineered osteochondral composites in pigs. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 493-500.	2.2	54
6	Resveratrol promotes MICA/B expression and natural killer cell lysis of breast cancer cells by suppressing c-Myc/miR-17 pathway. <i>Oncotarget</i> , 2017, 8, 65743-65758.	1.8	52
7	Polymers with distinctive anticancer mechanism that kills MDR cancer cells and inhibits tumor metastasis. <i>Biomaterials</i> , 2019, 199, 76-87.	11.4	50
8	Co-cultivated mesenchymal stem cells support chondrocytic differentiation of articular chondrocytes. <i>International Orthopaedics</i> , 2013, 37, 747-752.	1.9	48
9	MiR-23a inhibited IL-17-mediated proinflammatory mediators expression via targeting IKK β in articular chondrocytes. <i>International Immunopharmacology</i> , 2017, 43, 1-6.	3.8	47
10	Comparison of the efficacy of bone marrow mononuclear cells and bone mesenchymal stem cells in the treatment of osteoarthritis in a sheep model. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1415-26.	0.5	45
11	Exosomes derived from hypoxia preconditioned mesenchymal stem cells laden in a silk hydrogel promote cartilage regeneration via the miR-205 β /PTEN/AKT pathway. <i>Acta Biomaterialia</i> , 2022, 143, 173-188.	8.3	44
12	Injectable Ultrasonication-Induced Silk Fibroin Hydrogel for Cartilage Repair and Regeneration. <i>Tissue Engineering - Part A</i> , 2021, 27, 1213-1224.	3.1	40
13	Low-Temperature Three-Dimensional Printing of Tissue Cartilage Engineered with Gelatin Methacrylamide. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 306-316.	2.1	38
14	Influence of MIF, CD40, and CD226 polymorphisms on risk of rheumatoid arthritis. <i>Molecular Biology Reports</i> , 2012, 39, 6915-6922.	2.3	30
15	3D Bioprinting of Biomimetic Bilayered Scaffold Consisting of Decellularized Extracellular Matrix and Silk Fibroin for Osteochondral Repair. <i>International Journal of Bioprinting</i> , 2021, 7, 401.	3.4	24
16	Repair of Articular Osteochondral Defects Using an Integrated and Biomimetic Trilayered Scaffold. <i>Tissue Engineering - Part A</i> , 2018, 24, 1680-1692.	3.1	20
17	Association between cytotoxic T lymphocyte antigen-4 +49A/G, γ 1722T/C, and γ 1661A/G polymorphisms and cancer risk: a meta-analysis. <i>Tumor Biology</i> , 2014, 35, 3627-3639.	1.8	18
18	Effects of mesenchymal stem cells on interleukin-1 β -treated chondrocytes and cartilage in a rat osteoarthritic model. <i>Molecular Medicine Reports</i> , 2015, 12, 1753-1760.	2.4	18

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19	MicroRNA-16, via FGF2 Regulation of the ERK/MAPK Pathway, Is Involved in the Magnesium-Promoted Osteogenic Differentiation of Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	15
20	Hyaluronate-Based Self-Stabilized Nanoparticles for Immunosuppression Reversion and Immunochemotherapy in Osteosarcoma Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1515-1525.	5.2	15
21	Deformation of the Durom Acetabular Component and Its Impact on Tribology in a Cadaveric Model—A Simulator Study. <i>PLoS ONE</i> , 2012, 7, e45786.	2.5	14
22	Intraarticular injection autologous platelet-rich plasma and bone marrow concentrate in a goat osteoarthritis model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2140-2146.	2.3	14
23	Composite Silk-Extracellular Matrix Scaffolds for Enhanced Chondrogenesis of Mesenchymal Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 645-658.	2.1	14
24	Osteochondral autograft transplantation or autologous chondrocyte implantation for large cartilage defects of the knee: a meta-analysis. <i>Cell and Tissue Banking</i> , 2016, 17, 59-67.	1.1	11
25	Utilizing tissue-engineered cartilage or BMNC-PLGA composites to fill empty spaces during autologous osteochondral mosaicplasty in porcine knees. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 916-926.	2.7	10
26	The effect of cartilage extracellular matrix particle size on the chondrogenic differentiation of bone marrow mesenchymal stem cells. <i>Regenerative Medicine</i> , 2019, 14, 663-680.	1.7	10
27	Utilizing an integrated tri-layered scaffold with Titanium-Mesh-Cage base to repair cartilage defects of knee in goat model. <i>Materials and Design</i> , 2020, 193, 108766.	7.0	10
28	Type 2 diabetes mitigation in the diabetic Goto-Kakizaki rat by elevated bile acids following a common-bile-duct surgery. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 78-88.	3.4	8
29	MicroRNA-21 activation of Akt via PTEN is involved in the epithelial-mesenchymal transition and malignant transformation of human keratinocytes induced by arsenite. <i>Toxicology Research</i> , 2016, 5, 1140-1147.	2.1	7
30	NEAT1/hsa-miR-372 axis participates in rapamycin-induced lipid metabolic disorder. <i>Free Radical Biology and Medicine</i> , 2021, 167, 1-11.	2.9	7
31	Peptidomic analysis on synovial tissue reveals galectin-1 derived peptide as a potential bioactive molecule against rheumatoid arthritis. <i>Cytokine</i> , 2020, 131, 155020.	3.2	4