

Xiao Xu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,133
citations

471509

17
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Chondrocyte-Targeted MicroRNA Delivery by Engineered Exosomes toward a Cell-Free Osteoarthritis Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36938-36947.	8.0	187
2	Exosome-mediated delivery of kartogenin for chondrogenesis of synovial fluid-derived mesenchymal stem cells and cartilage regeneration. <i>Biomaterials</i> , 2021, 269, 120539.	11.4	184
3	Ultrafast Self-Gelling and Wet Adhesive Powder for Acute Hemostasis and Wound Healing. <i>Advanced Functional Materials</i> , 2021, 31, 2102583.	14.9	146
4	Nanoparticle Delivery of CRISPR/Cas9 for Genome Editing. <i>Frontiers in Genetics</i> , 2021, 12, 673286.	2.3	131
5	Estrogen Modulates Cartilage and Subchondral Bone Remodeling in an Ovariectomized Rat Model of Postmenopausal Osteoarthritis. <i>Medical Science Monitor</i> , 2019, 25, 3146-3153.	1.1	54
6	Recent progress on the role of miR-140 in cartilage matrix remodelling and its implications for osteoarthritis treatment. <i>Arthritis Research and Therapy</i> , 2020, 22, 194.	3.5	52
7	Exosomes as Targeted Delivery Platform of CRISPR/Cas9 for Therapeutic Genome Editing. <i>ChemBioChem</i> , 2021, 22, 3360-3368.	2.6	40
8	Insulin-like growth factor-1 in articular cartilage repair for osteoarthritis treatment. <i>Arthritis Research and Therapy</i> , 2021, 23, 277.	3.5	40
9	Repair of articular cartilage defects with intra-articular injection of autologous rabbit synovial fluid-derived mesenchymal stem cells. <i>Journal of Translational Medicine</i> , 2018, 16, 123.	4.4	36
10	Cell-derived extracellular vesicles for CRISPR/Cas9 delivery: engineering strategies for cargo packaging and loading. <i>Biomaterials Science</i> , 2022, 10, 4095-4106.	5.4	32
11	Non-surgical osteoarthritis therapy, intra-articular drug delivery towards clinical applications. <i>Journal of Drug Targeting</i> , 2021, 29, 609-616.	4.4	30
12	Isolation and characterization of human mesenchymal stem cells derived from synovial fluid by magnetic-activated cell sorting (MACS). <i>Cell Biology International</i> , 2018, 42, 262-271.	3.0	29
13	Manipulation of the Nanoscale Presentation of Integrin Ligand Produces Cancer Cells with Enhanced Stemness and Robust Tumorigenicity. <i>Nano Letters</i> , 2021, 21, 3225-3236.	9.1	28
14	Exosome-Mediated Drug Delivery for Cell-Free Therapy of Osteoarthritis. <i>Current Medicinal Chemistry</i> , 2021, 28, 6458-6483.	2.4	25
15	Mesenchymal Stem Cell-Derived Exosomes for Treatment of Autism Spectrum Disorder. <i>ACS Applied Bio Materials</i> , 2020, 3, 6384-6393.	4.6	24
16	Noncoding RNAs in subchondral bone osteoclast function and their therapeutic potential for osteoarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 279.	3.5	23
17	Blood cell-derived extracellular vesicles: diagnostic biomarkers and smart delivery systems. <i>Bioengineered</i> , 2021, 12, 7929-7940.	3.2	20
18	Cross-Tissue Characterization of Heterogeneities of Mesenchymal Stem Cells and Their Differentiation Potentials. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 781021.	3.7	13

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19	A 5-mC Dot Blot Assay Quantifying the DNA Methylation Level of Chondrocyte Dedifferentiation <i>In Vitro</i> . <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	11
20	Effects of ATP9A on Extracellular Vesicle Release and Exosomal Lipid Composition. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	4.0	10
21	Cell-to-Cell Culture Inhibits Dedifferentiation of Chondrocytes and Induces Differentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	7
22	Magnetic-Activated Cell Sorting Strategies to Isolate and Purify Synovial Fluid-Derived Mesenchymal Stem Cells from a Rabbit Model. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
23	MicroRNA expression profiling in an ovariectomized rat model of postmenopausal osteoporosis before and after estrogen treatment. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 4251-4263.	0.0	3
24	ER α -Targeting PROTAC as a Chemical Knockdown Tool to Investigate the Estrogen Receptor Function in Rat Menopausal Arthritis. <i>Frontiers in Pharmacology</i> , 2021, 12, 764154.	3.5	2
25	Successful clearance of extensive/recalcitrant cutaneous warts by acitretin monotherapy: A case series study. <i>Dermatologic Therapy</i> , 2020, 33, e13390.	1.7	1
26	Cover Image, Volume 33, Issue 3. <i>Dermatologic Therapy</i> , 2020, 33, e13737.	1.7	0