Xiao Xu

List of Publications by Year
in descending order

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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	Cell-derived extracellular vesicles for CRISPR/Cas9 delivery: engineering strategies for cargo packaging and loading. Biomaterials Science, 2022, 10, 4095-4106.	5.4	32
2	Exosome-mediated delivery of kartogenin for chondrogenesis of synovial fluid-derived mesenchymal stem cells and cartilage regeneration. Biomaterials, 2021, 269, 120539.	11.4	184
3	Non-surgical osteoarthritis therapy, intra-articular drug delivery towards clinical applications. Journal of Drug Targeting, 2021, 29, 609-616.	4.4	30
4	Manipulation of the Nanoscale Presentation of Integrin Ligand Produces Cancer Cells with Enhanced Stemness and Robust Tumorigenicity. Nano Letters, 2021, 21, 3225-3236.	9.1	28
5	Nanoparticle Delivery of CRISPR/Cas9 for Genome Editing. Frontiers in Genetics, 2021, 12, 673286.	2.3	131
6	Ultrafast Selfâ€€Gelling and Wet Adhesive Powder for Acute Hemostasis and Wound Healing. Advanced Functional Materials, 2021, 31, 2102583.	14.9	146
7	Exosomes as Targeted Delivery Platform of CRISPR/Cas9 for Therapeutic Genome Editing. ChemBioChem, 2021, 22, 3360-3368.	2.6	40
8	Exosome-Mediated Drug Delivery for Cell-Free Therapy of Osteoarthritis. Current Medicinal Chemistry, 2021, 28, 6458-6483.	2.4	25
9	Blood cell-derived extracellular vesicles: diagnostic biomarkers and smart delivery systems. Bioengineered, 2021, 12, 7929-7940.	3.2	20
10	Insulin-like growth factor-1 in articular cartilage repair for osteoarthritis treatment. Arthritis Research and Therapy, 2021, 23, 277.	3.5	40
11	ERÎ±-Targeting PROTAC as a Chemical Knockdown Tool to Investigate the Estrogen Receptor Function in Rat Menopausal Arthritis. Frontiers in Pharmacology, 2021, 12, 764154.	3.5	2
12	Cross-Tissue Characterization of Heterogeneities of Mesenchymal Stem Cells and Their Differentiation Potentials. Frontiers in Cell and Developmental Biology, 2021, 9, 781021.	3.7	13
13	Noncoding RNAs in subchondral bone osteoclast function and their therapeutic potential for osteoarthritis. Arthritis Research and Therapy, 2020, 22, 279.	3.5	23
14	Effects of ATP9A on Extracellular Vesicle Release and Exosomal Lipid Composition. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	4.0	10
15	Chondrocyte-Targeted MicroRNA Delivery by Engineered Exosomes toward a Cell-Free Osteoarthritis Therapy. ACS Applied Materials & Interfaces, 2020, 12, 36938-36947.	8.0	187
16	Mesenchymal Stem Cell-Derived Exosomes for Treatment of Autism Spectrum Disorder. ACS Applied Bio Materials, 2020, 3, 6384-6393.	4.6	24
17	Recent progress on the role of miR-140 in cartilage matrix remodelling and its implications for osteoarthritis treatment. Arthritis Research and Therapy, 2020, 22, 194.	3.5	52
18	Cover Image, Volume 33, Issue 3. Dermatologic Therapy, 2020, 33, e13737.	1.7	0

#	Article	IF	Citations
19	Successful clearance of extensive/recalcitrant cutaneous warts by acitretin monotherapy: A case series study. Dermatologic Therapy, 2020, 33, e13390.	1.7	1
20	MicroRNA expression profiling in an ovariectomized rat model of postmenopausal osteoporosis before and after estrogen treatment. American Journal of Translational Research (discontinued), 2020, 12, 4251-4263.	0.0	3
21	Cell-to-Cell Culture Inhibits Dedifferentiation of Chondrocytes and Induces Differentiation of Human Umbilical Cord-Derived Mesenchymal Stem Cells. BioMed Research International, 2019, 2019, 1-11.	1.9	7
22	Estrogen Modulates Cartilage and Subchondral Bone Remodeling in an Ovariectomized Rat Model of Postmenopausal Osteoarthritis. Medical Science Monitor, 2019, 25, 3146-3153.	1.1	54
23	Isolation and characterization of human mesenchymal stem cells derived from synovial fluid by magneticâ€activated cell sorting (MACS). Cell Biology International, 2018, 42, 262-271.	3.0	29
24	Repair of articular cartilage defects with intra-articular injection of autologous rabbit synovial fluid-derived mesenchymal stem cells. Journal of Translational Medicine, 2018, 16, 123.	4.4	36
25	Magnetic-Activated Cell Sorting Strategies to Isolate and Purify Synovial Fluid-Derived Mesenchymal Stem Cells from a Rabbit Model. Journal of Visualized Experiments, 2018, , .	0.3	5
26	A 5-mC Dot Blot Assay Quantifying the DNA Methylation Level of Chondrocyte Dedifferentiation In Vitro. Journal of Visualized Experiments, 2017, , .	0.3	11