

Zheng-Zhao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,904
citations

257429

24
h-index

395678

33
g-index

34
all docs

34
docs citations

34
times ranked

2440
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomal DMBT1 from human urine-derived stem cells facilitates diabetic wound repair by promoting angiogenesis. <i>Theranostics</i> , 2018, 8, 1607-1623.	10.0	266
2	Ubiquitylation of Autophagy Receptor Optineurin by HACE1 Activates Selective Autophagy for Tumor Suppression. <i>Cancer Cell</i> , 2014, 26, 106-120.	16.8	198
3	Aptamer-functionalized exosomes from bone marrow stromal cells target bone to promote bone regeneration. <i>Nanoscale</i> , 2019, 11, 20884-20892.	5.6	164
4	Ångstrom-scale silver particle-embedded carbomer gel promotes wound healing by inhibiting bacterial colonization and inflammation. <i>Science Advances</i> , 2020, 6, .	10.3	119
5	Omentin-1 prevents inflammation-induced osteoporosis by downregulating the pro-inflammatory cytokines. <i>Bone Research</i> , 2018, 6, 9.	11.4	108
6	The Role of Autophagy in Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608388.	3.7	90
7	Harmine enhances type H vessel formation and prevents bone loss in ovariectomized mice. <i>Theranostics</i> , 2018, 8, 2435-2446.	10.0	89
8	Human umbilical cord mesenchymal stromal cells-derived extracellular vesicles exert potent bone protective effects by CLEC11A-mediated regulation of bone metabolism. <i>Theranostics</i> , 2020, 10, 2293-2308.	10.0	72
9	Inhibition of miR-331-3p and miR-9-5p ameliorates Alzheimer's disease by enhancing autophagy. <i>Theranostics</i> , 2021, 11, 2395-2409.	10.0	72
10	Extracellular Vesicles from Child Gut Microbiota Enter into Bone to Preserve Bone Mass and Strength. <i>Advanced Science</i> , 2021, 8, 2004831.	11.2	71
11	Extracellular vesicles from human urine-derived stem cells prevent osteoporosis by transferring CTHRC1 and OPG. <i>Bone Research</i> , 2019, 7, 18.	11.4	66
12	Autophagy receptor OPTN (optineurin) regulates mesenchymal stem cell fate and bone-fat balance during aging by clearing FABP3. <i>Autophagy</i> , 2021, 17, 2766-2782.	9.1	63
13	Pig-to-Primate Islet Xenotransplantation: Past, Present, and Future. <i>Cell Transplantation</i> , 2017, 26, 925-947.	2.5	60
14	<i>Synechococcus elongatus</i> PCC7942 secretes extracellular vesicles to accelerate cutaneous wound healing by promoting angiogenesis. <i>Theranostics</i> , 2019, 9, 2678-2693.	10.0	60
15	Fasting before or after wound injury accelerates wound healing through the activation of pro-angiogenic SMOC1 and SCG2. <i>Theranostics</i> , 2020, 10, 3779-3792.	10.0	44
16	Aged bone matrix-derived extracellular vesicles as a messenger for calcification paradox. <i>Nature Communications</i> , 2022, 13, 1453.	12.8	44
17	Extracellular vesicles from human umbilical cord blood ameliorate bone loss in senile osteoporotic mice. <i>Metabolism: Clinical and Experimental</i> , 2019, 95, 93-101.	3.4	43
18	Fructose-coated Angstrom silver inhibits osteosarcoma growth and metastasis via promoting ROS-dependent apoptosis through the alteration of glucose metabolism by inhibiting PDK. <i>Theranostics</i> , 2020, 10, 7710-7729.	10.0	37

#	ARTICLE	IF	CITATIONS
19	Neuronal Induction of Bone-Fat Imbalance through Osteocyte Neuropeptide Y. <i>Advanced Science</i> , 2021, 8, e2100808.	11.2	34
20	ALS-Associated E478G Mutation in Human OPTN (Optineurin) Promotes Inflammation and Induces Neuronal Cell Death. <i>Frontiers in Immunology</i> , 2018, 9, 2647.	4.8	33
21	Localization of TMC1 and LHFPL5 in auditory hair cells in neonatal and adult mice. <i>FASEB Journal</i> , 2019, 33, 6838-6851.	0.5	33
22	Extracellular vesicles from human urine-derived stem cells inhibit glucocorticoid-induced osteonecrosis of the femoral head by transporting and releasing pro-angiogenic DMBT1 and anti-apoptotic TIMP1. <i>Acta Biomaterialia</i> , 2020, 111, 208-220.	8.3	33
23	100-nm Scale Silver Particles as a Promising Agent for Low-Toxicity Broad-Spectrum Potent Anticancer Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1808556.	14.9	29
24	The Protective Effects of Osteocyte-Derived Extracellular Vesicles Against Alzheimer's Disease Diminished with Aging. <i>Advanced Science</i> , 2022, 9, e2105316.	11.2	28
25	The complex of TRIP-Br1 and XIAP ubiquitinates and degrades multiple adenylyl cyclase isoforms. <i>ELife</i> , 2017, 6, .	6.0	18
26	Actinin-1 binds to the C-terminus of A2B adenosine receptor (A2BAR) and enhances A2BAR cell-surface expression. <i>Biochemical Journal</i> , 2016, 473, 2179-2186.	3.7	10
27	Harmine targets inhibitor of DNA binding 2 and activator protein 1 to promote preosteoclast PDGF- β production. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5525-5533.	3.6	6
28	In vitro and in vivo osteogenesis up-regulated by two-dimensional nanosheets through a macrophage-mediated pathway. <i>Biomaterials Science</i> , 2021, 9, 780-794.	5.4	4
29	A Method for Islet Transplantation to the Omentum in Mouse. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
30	Induction of diabetes in cynomolgus monkey with one shot of analytical grade streptozotocin. <i>Animal Models and Experimental Medicine</i> , 2020, 3, 79-86.	3.3	2
31	Opposing roles of E3 ligases TRIM23 and TRIM21 in regulation of ion channel ANO1 protein levels. <i>Journal of Biological Chemistry</i> , 2021, 296, 100738.	3.4	2
32	Silver 100-nm Particles: 100-nm Scale Silver Particles as a Promising Agent for Low-Toxicity Broad-Spectrum Potent Anticancer Therapy (Adv. Funct. Mater. 23/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970154.	14.9	1