

Li-Zhen Zheng

List of Publications by Year in descending order

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11
papers

529
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages in epididymal adipose tissue secrete osteopontin to regulate bone homeostasis. <i>Nature Communications</i> , 2022, 13, 427.	12.8	29
2	Magnesium-pretreated periosteum for promoting bone-tendon healing after anterior cruciate ligament reconstruction. <i>Biomaterials</i> , 2021, 268, 120576.	11.4	32
3	Combination of magnesium ions and vitamin C alleviates synovitis and osteophyte formation in osteoarthritis of mice. <i>Bioactive Materials</i> , 2021, 6, 1341-1352.	15.6	39
4	Magnesium supplementation alleviates corticosteroid-associated muscle atrophy in rats. <i>European Journal of Nutrition</i> , 2021, 60, 4379-4392.	3.9	4
5	Biodegradable magnesium combined with distraction osteogenesis synergistically stimulates bone tissue regeneration via CGRP-FAK-VEGF signaling axis. <i>Biomaterials</i> , 2021, 275, 120984.	11.4	61
6	Poly(<i>l</i> -lactic acid) (PLLA)/MgSO ₄ ·7H ₂ O Composite Coating on Magnesium Substrates for Corrosion Protection and Cytocompatibility Promotion. <i>ACS Applied Bio Materials</i> , 2020, 3, 1364-1373.	4.6	14
7	Magnesium and vitamin C supplementation attenuates steroid-associated osteonecrosis in a rat model. <i>Biomaterials</i> , 2020, 238, 119828.	11.4	61
8	Dynamic and Cell-Infiltratable Hydrogels as Injectable Carrier of Therapeutic Cells and Drugs for Treating Challenging Bone Defects. <i>ACS Central Science</i> , 2019, 5, 440-450.	11.3	166
9	Steroid-associated osteonecrosis animal model in rats. <i>Journal of Orthopaedic Translation</i> , 2018, 13, 13-24.	3.9	42
10	Angiogenesis Assays for the Evaluation of Angiogenic Properties of Orthopaedic Biomaterials – A General Review. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600434.	7.6	48
11	Therapeutic RNA interference targeting CKIP-1 with a cross-species sequence to stimulate bone formation. <i>Bone</i> , 2014, 59, 76-88.	2.9	33