Dechun Geng

List of Publications by Year
in descending order

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24 papers	599 citations	687363 13 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	486 citing authors

#	Article	IF	Citations
1	Inhibition of titanium-particle-induced inflammatory osteolysis after local administration of dopamine and suppression of osteoclastogenesis via D2-like receptor signaling pathway. Biomaterials, 2016, 80, 1-10.	11.4	77
2	Melatonin attenuates titanium particle-induced osteolysis via activation of Wnt/Î²-catenin signaling pathway. Acta Biomaterialia, 2017, 51, 513-525.	8.3	65
3	Urolithin A suppresses RANKL-induced osteoclastogenesis and postmenopausal osteoporosis by, suppresses inflammation and downstream NF-Î²B activated pyroptosis pathways. Pharmacological Research, 2021, 174, 105967.	7.1	55
4	Protection against titanium particle induced osteolysis by cannabinoid receptor 2 selective antagonist. Biomaterials, 2010, 31, 1996-2000.	11.4	49
5	Pharmaceutical inhibition of glycogen synthetase kinase 3 beta suppresses wear debris-induced osteolysis. Biomaterials, 2015, 69, 12-21.	11.4	34
6	Human bone mesenchymal stem cells-derived exosomal miRNA-361-5p alleviates osteoarthritis by downregulating DDX20 and inactivating the NF-Î²B signaling pathway. Bioorganic Chemistry, 2021, 113, 104978.	4.1	33
7	Regulating Macrophage Polarization in High Glucose Microenvironment Using Lithiumâ€Modified Bioglassâ€Hydrogel for Diabetic Bone Regeneration. Advanced Healthcare Materials, 2022, 11, e2200298.	7.6	29
8	Titanium particle-induced osteogenic inhibition and bone destruction are mediated by the GSK-3Î²/Î²-catenin signal pathway. Cell Death and Disease, 2017, 8, e2878-e2878.	6.3	27
9	A selective CB2 agonist protects against the inflammatory response and joint destruction in collagen-induced arthritis mice. Biomedicine and Pharmacotherapy, 2019, 116, 109025.	5.6	24
10	Reversible dougong structured receptorâ€“ligand recognition for building dynamic extracellular matrix mimics. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	24
11	Protective effects of sirtuin 3 on titanium particle-induced osteogenic inhibition by regulating the NLRP3 inflammasome via the GSK-3Î²/Î²-catenin signalling pathway. Bioactive Materials, 2021, 6, 3343-3357.	15.6	23
12	TET2 regulates osteoclastogenesis by modulating autophagy in OVX-induced bone loss. Autophagy, 2022, 18, 2817-2829.	9.1	19
13	Bio-inspired antibacterial coatings on urinary stents for encrustation prevention. Journal of Materials Chemistry B, 2022, 10, 2584-2596.	5.8	17
14	Inhibition of Sirtuin 3 prevents titanium particle-induced bone resorption and osteoclastsogenesis via suppressing ERK and JNK signaling. International Journal of Biological Sciences, 2021, 17, 1382-1394.	6.4	16
15	Activation of cannabinoid receptor 2 alleviates glucocorticoid-induced osteonecrosis of femoral head with osteogenesis and maintenance of blood supply. Cell Death and Disease, 2021, 12, 1035.	6.3	16
16	Facile and Versatile Surface Functional Polyetheretherketone with Enhanced Bacteriostasis and Osseointegrative Capability for Implant Application. ACS Applied Materials & Interfaces, 2021, 13, 59731-59746.	8.0	16
17	Activation of dopamine receptor D1 promotes osteogenic differentiation and reduces glucocorticoid-induced bone loss by upregulating the ERK1/2 signaling pathway. Molecular Medicine, 2022, 28, 23.	4.4	13
18	Dysimmunity and inflammatory storm: Watch out for bone lesions in COVID-19 infection. Medical Hypotheses, 2020, 145, 110332.	1.5	12

#	Article	IF	Citations
19	Punicalagin ameliorates wear-particle-induced inflammatory bone destruction by bi-directional regulation of osteoblastic formation and osteoclastic resorption. Biomaterials Science, 2020, 8, 5157-5171.	5.4	11
20	Bone biology and COVID-19 infection: Is ACE2 a potential influence factor?. Medical Hypotheses, 2020, 144, 110178.	1.5	10
21	Inhibition of protein phosphatase 2A attenuates titanium-particle induced suppression of bone formation. International Journal of Biological Macromolecules, 2020, 142, 142-151.	7.5	9
22	Harmine Alleviates Titanium Particle-Induced Inflammatory Bone Destruction by Immunomodulatory Effect on the Macrophage Polarization and Subsequent Osteogenic Differentiation. Frontiers in Immunology, 2021, 12, 657687.	4.8	9
23	Midâ€•to Longâ€Term Outcomes of Cementless Modular, Fluted, Tapered Stem for Massive Femoral Bone Loss in Revision Total Hip Arthroplasty. Orthopaedic Surgery, 2021, 13, 989-1000.	1.8	7
24	GSK-3Î² suppression upregulates Gli1 to alleviate osteogenesis inhibition in titanium nanoparticle-induced osteolysis. Journal of Nanobiotechnology, 2022, 20, 148.	9.1	4