

# Dechun Geng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9276430/publications.pdf>

Version: 2024-02-01

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	Bio-inspired antibacterial coatings on urinary stents for encrustation prevention. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2584-2596.	5.8	17
2	Reversible dougong structured receptorâ€“ligand recognition for building dynamic extracellular matrix mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	24
3	Activation of dopamine receptor D1 promotes osteogenic differentiation and reduces glucocorticoid-induced bone loss by upregulating the ERK1/2 signaling pathway. <i>Molecular Medicine</i> , 2022, 28, 23.	4.4	13
4	TET2 regulates osteoclastogenesis by modulating autophagy in OVX-induced bone loss. <i>Autophagy</i> , 2022, 18, 2817-2829.	9.1	19
5	GSK-3 $\beta$ suppression upregulates Gli1 to alleviate osteogenesis inhibition in titanium nanoparticle-induced osteolysis. <i>Journal of Nanobiotechnology</i> , 2022, 20, 148.	9.1	4
6	Regulating Macrophage Polarization in High Glucose Microenvironment Using Lithiumâ€“Modified Bioglassâ€“Hydrogel for Diabetic Bone Regeneration. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200298.	7.6	29
7	Inhibition of Sirtuin 3 prevents titanium particle-induced bone resorption and osteoclastsogenesis via suppressing ERK and JNK signaling. <i>International Journal of Biological Sciences</i> , 2021, 17, 1382-1394.	6.4	16
8	Midâ€“to Longâ€“Term Outcomes of Cementless Modular, Fluted, Tapered Stem for Massive Femoral Bone Loss in Revision Total Hip Arthroplasty. <i>Orthopaedic Surgery</i> , 2021, 13, 989-1000.	1.8	7
9	Harmine Alleviates Titanium Particle-Induced Inflammatory Bone Destruction by Immunomodulatory Effect on the Macrophage Polarization and Subsequent Osteogenic Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 657687.	4.8	9
10	Human bone mesenchymal stem cells-derived exosomal miRNA-361-5p alleviates osteoarthritis by downregulating DDX20 and inactivating the NF- $\kappa$ B signaling pathway. <i>Bioorganic Chemistry</i> , 2021, 113, 104978.	4.1	33
11	Protective effects of sirtuin 3 on titanium particle-induced osteogenic inhibition by regulating the NLRP3 inflammasome via the GSK-3 $\beta$ / $\beta$ -catenin signalling pathway. <i>Bioactive Materials</i> , 2021, 6, 3343-3357.	15.6	23
12	Activation of cannabinoid receptor 2 alleviates glucocorticoid-induced osteonecrosis of femoral head with osteogenesis and maintenance of blood supply. <i>Cell Death and Disease</i> , 2021, 12, 1035.	6.3	16
13	Urolithin A suppresses RANKL-induced osteoclastogenesis and postmenopausal osteoporosis by, suppresses inflammation and downstream NF- $\kappa$ B activated pyroptosis pathways. <i>Pharmacological Research</i> , 2021, 174, 105967.	7.1	55
14	Facile and Versatile Surface Functional Polyetheretherketone with Enhanced Bacteriostasis and Osseointegrative Capability for Implant Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59731-59746.	8.0	16
15	Inhibition of protein phosphatase 2A attenuates titanium-particle induced suppression of bone formation. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 142-151.	7.5	9
16	Dysimmunity and inflammatory storm: Watch out for bone lesions in COVID-19 infection. <i>Medical Hypotheses</i> , 2020, 145, 110332.	1.5	12
17	Punicalagin ameliorates wear-particle-induced inflammatory bone destruction by bi-directional regulation of osteoblastic formation and osteoclastic resorption. <i>Biomaterials Science</i> , 2020, 8, 5157-5171.	5.4	11
18	Bone biology and COVID-19 infection: Is ACE2 a potential influence factor?. <i>Medical Hypotheses</i> , 2020, 144, 110178.	1.5	10

#	ARTICLE	IF	CITATIONS
19	A selective CB2 agonist protects against the inflammatory response and joint destruction in collagen-induced arthritis mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 109025.	5.6	24
20	Melatonin attenuates titanium particle-induced osteolysis via activation of Wnt/ $\beta$ -catenin signaling pathway. <i>Acta Biomaterialia</i> , 2017, 51, 513-525.	8.3	65
21	Titanium particle-induced osteogenic inhibition and bone destruction are mediated by the GSK-3 $\beta$ / $\beta$ -catenin signal pathway. <i>Cell Death and Disease</i> , 2017, 8, e2878-e2878.	6.3	27
22	Inhibition of titanium-particle-induced inflammatory osteolysis after local administration of dopamine and suppression of osteoclastogenesis via D2-like receptor signaling pathway. <i>Biomaterials</i> , 2016, 80, 1-10.	11.4	77
23	Pharmaceutical inhibition of glycogen synthetase kinase 3 beta suppresses wear debris-induced osteolysis. <i>Biomaterials</i> , 2015, 69, 12-21.	11.4	34
24	Protection against titanium particle induced osteolysis by cannabinoid receptor 2 selective antagonist. <i>Biomaterials</i> , 2010, 31, 1996-2000.	11.4	49