

Dechun Geng

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,170
citations

393982

19
h-index

395343

33
g-index

33
all docs

33
docs citations

33
times ranked

1353
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.	2.9	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, .	3.3	24
3	TET2 regulates osteoclastogenesis by modulating autophagy in OVX-induced bone loss. <i>Autophagy</i> , 2022, 18, 2817-2829.	4.3	19
4	Paeoniflorin Ameliorates Hyperprolactinemia-Induced Inhibition of Osteoblastogenesis by Suppressing the NF-Î²B Signaling Pathway. <i>International Journal of Endocrinology</i> , 2022, 2022, 1-11.	0.6	2
5	Regulation of the inflammatory cycle by a controllable release hydrogel for eliminating postoperative inflammation after discectomy. <i>Bioactive Materials</i> , 2021, 6, 146-157.	8.6	33
6	SIRT3 mitigates intervertebral disc degeneration by delaying oxidative stressâ€“induced senescence of nucleus pulposus cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 6441-6456.	2.0	32
7	Inhibitory effect of acetyl-11-keto-Î²-boswellic acid on titanium particle-induced bone loss by abrogating osteoclast formation and downregulating the ERK signaling pathway. <i>International Immunopharmacology</i> , 2021, 94, 107459.	1.7	8
8	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.	2.2	9
9	Inhibition of protein phosphatase 2A attenuates titanium-particle induced suppression of bone formation. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 142-151.	3.6	9
10	Aspirin inhibits osteoclast formation and wearâ€“debrisâ€“induced bone destruction by suppressing mitogenâ€“activated protein kinases. <i>Journal of Cellular Physiology</i> , 2020, 235, 2599-2608.	2.0	14
11	Puerarin inhibits titanium particleâ€“induced osteolysis and RANKLâ€“induced osteoclastogenesis via suppression of the NFâ€“B signaling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11972-11983.	1.6	15
12	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.	2.6	11
13	Sustained Release of Melatonin from GelMA Liposomes Reduced Osteoblast Apoptosis and Improved Implant Osseointegration in Osteoporosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	28
14	MiRâ€“106b inhibition suppresses inflammatory bone destruction of wear debrisâ€“induced periprosthetic osteolysis in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7490-7503.	1.6	10
15	Biomimetic osteogenic peptide with mussel adhesion and osteoimmunomodulatory functions to ameliorate interfacial osseointegration under chronic inflammation. <i>Biomaterials</i> , 2020, 255, 120197.	5.7	103
16	Acetyl-11-keto-Î²-boswellic acid attenuates titanium particle-induced osteogenic inhibition via activation of the GSK-3Î²/Î²-catenin signaling pathway. <i>Theranostics</i> , 2019, 9, 7140-7155.	4.6	23
17	Melatonin Increases Bone Mass around the Prostheses of OVX Rats by Ameliorating Mitochondrial Oxidative Stress via the SIRT3/SOD2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	51
18	Exenatide ameliorates inflammatory response in human rheumatoid arthritis fibroblastâ€“like synoviocytes. <i>IUBMB Life</i> , 2019, 71, 969-977.	1.5	10

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19	Aspirin-Mediated Attenuation of Intervertebral Disc Degeneration by Ameliorating Reactive Oxygen Species <i><i>In Vivo</i></i> and <i><i>In Vitro</i></i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-20.	1.9	51
20	Efficient Inhibition of Wear-Debris-Induced Osteolysis by Surface Biomimetic Engineering of Titanium Implant with a Mussel-Derived Integrin-Targeting Peptide. <i>Advanced Biology</i> , 2019, 3, e1800253.	3.0	15
21	Protein phosphatase 2A as a new target for downregulating osteoclastogenesis and alleviating titanium particle-induced bone resorption. <i>Acta Biomaterialia</i> , 2018, 73, 488-499.	4.1	20
22	Prolactin inhibits the progression of intervertebral disc degeneration through inactivation of the NF- κ B pathway in rats. <i>Cell Death and Disease</i> , 2018, 9, 98.	2.7	57
23	Melatonin attenuates titanium particle-induced osteolysis via activation of Wnt/ β -catenin signaling pathway. <i>Acta Biomaterialia</i> , 2017, 51, 513-525.	4.1	65
24	Downregulation of miR-106b attenuates inflammatory responses and joint damage in collagen-induced arthritis. <i>Rheumatology</i> , 2017, 56, 1804-1813.	0.9	42
25	Inhibitory effects of melatonin on titanium particle-induced inflammatory bone resorption and osteoclastogenesis via suppression of NF- κ B signaling. <i>Acta Biomaterialia</i> , 2017, 62, 362-371.	4.1	87
26	Theaflavin-3,3'-digallate represses osteoclastogenesis and prevents wear debris-induced osteolysis via suppression of ERK pathway. <i>Acta Biomaterialia</i> , 2017, 48, 479-488.	4.1	58
27	Lithium chloride inhibits titanium particle-induced osteoclastogenesis by inhibiting the NF- κ B pathway. <i>Oncotarget</i> , 2017, 8, 83949-83961.	0.8	17
28	Strontium inhibits titanium particle-induced osteoclast activation and chronic inflammation via suppression of NF- κ B pathway. <i>Scientific Reports</i> , 2016, 6, 36251.	1.6	58
29	Icariin attenuates titanium-particle inhibition of bone formation by activating the Wnt/ β -catenin signaling pathway in vivo and in vitro. <i>Scientific Reports</i> , 2016, 6, 23827.	1.6	42
30	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.	5.7	77
31	Icariin protects against titanium particle-induced osteolysis and inflammatory response in a mouse calvarial model. <i>Biomaterials</i> , 2015, 60, 92-99.	5.7	96
32	Strontium ranelate inhibits titanium-particle-induced osteolysis by restraining inflammatory osteoclastogenesis in vivo. <i>Acta Biomaterialia</i> , 2014, 10, 4912-4918.	4.1	46
33	Protective effects of COX-2 inhibitor on titanium-particle-induced inflammatory osteolysis via the down-regulation of RANK/RANKL. <i>Acta Biomaterialia</i> , 2011, 7, 3216-3221.	4.1	21