Dechun Geng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7863232/publications.pdf

Version: 2024-02-01

33	1,170	393982	395343
papers	citations	19 h-index	33 g-index

33	33	33	1353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic osteogenic peptide with mussel adhesion and osteoimmunomodulatory functions to ameliorate interfacial osseointegration under chronic inflammation. Biomaterials, 2020, 255, 120197.	5.7	103
2	Icariin protects against titanium particle-induced osteolysis and inflammatory response in a mouse calvarial model. Biomaterials, 2015, 60, 92-99.	5.7	96
3	Inhibitory effects of melatonin on titanium particle-induced inflammatory bone resorption and osteoclastogenesis via suppression of NF-Î¹B signaling. Acta Biomaterialia, 2017, 62, 362-371.	4.1	87
4	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.	5.7	77
5	Melatonin attenuates titanium particle-induced osteolysis via activation of Wnt/Î²-catenin signaling pathway. Acta Biomaterialia, 2017, 51, 513-525.	4.1	65
6	Strontium inhibits titanium particle-induced osteoclast activation and chronic inflammation via suppression of NF-Î¹B pathway. Scientific Reports, 2016, 6, 36251.	1.6	58
7	Theaflavin-3,3â€²-digallate represses osteoclastogenesis and prevents wear debris-induced osteolysis via suppression of ERK pathway. Acta Biomaterialia, 2017, 48, 479-488.	4.1	58
8	Prolactin inhibits the progression of intervertebral disc degeneration through inactivation of the NF-Î¹B pathway in rats. Cell Death and Disease, 2018, 9, 98.	2.7	57
9	Melatonin Increases Bone Mass around the Prostheses of OVX Rats by Ameliorating Mitochondrial Oxidative Stress via the SIRT3/SOD2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	1.9	51
10	Aspirin-Mediated Attenuation of Intervertebral Disc Degeneration by Ameliorating Reactive Oxygen Species In Vivo and In Vitro. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-20.	1.9	51
11	Strontium ranelate inhibits titanium-particle-induced osteolysis by restraining inflammatory osteoclastogenesis in vivo. Acta Biomaterialia, 2014, 10, 4912-4918.	4.1	46
12	Icariin attenuates titanium-particle inhibition of bone formation by activating the Wnt/Î²-catenin signaling pathway in vivo and in vitro. Scientific Reports, 2016, 6, 23827.	1.6	42
13	Downregulation of miR-106b attenuates inflammatory responses and joint damage in collagen-induced arthritis. Rheumatology, 2017, 56, 1804-1813.	0.9	42
14	Regulation of the inflammatory cycle by a controllable release hydrogel for eliminating postoperative inflammation after discectomy. Bioactive Materials, 2021, 6, 146-157.	8.6	33
15	SIRT3 mitigates intervertebral disc degeneration by delaying oxidative stressâ€induced senescence of nucleus pulposus cells. Journal of Cellular Physiology, 2021, 236, 6441-6456.	2.0	32
16	Sustained Release of Melatonin from GelMA Liposomes Reduced Osteoblast Apoptosis and Improved Implant Osseointegration in Osteoporosis. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-20.	1.9	28
17	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, .	3.3	24
18	Acetyl-11-keto-Î²-boswellic acid attenuates titanium particle-induced osteogenic inhibition via activation of the GSK-3Î²/Î²-catenin signaling pathway. Theranostics, 2019, 9, 7140-7155.	4.6	23

#	Article	IF	Citations
19	Protective effects of COX-2 inhibitor on titanium-particle-induced inflammatory osteolysis via the down-regulation of RANK/RANKL. Acta Biomaterialia, 2011, 7, 3216-3221.	4.1	21
20	Protein phosphatase 2A as a new target for downregulating osteoclastogenesis and alleviating titanium particle-induced bone resorption. Acta Biomaterialia, 2018, 73, 488-499.	4.1	20
21	TET2 regulates osteoclastogenesis by modulating autophagy in OVX-induced bone loss. Autophagy, 2022, 18, 2817-2829.	4.3	19
22	Lithium chloride inhibits titanium particle-induced osteoclastogenesis by inhibiting the NF-Î¹B pathway. Oncotarget, 2017, 8, 83949-83961.	0.8	17
23	Bio-inspired antibacterial coatings on urinary stents for encrustation prevention. Journal of Materials Chemistry B, 2022, 10, 2584-2596.	2.9	17
24	Efficient Inhibition of Wearâ€Debrisâ€Induced Osteolysis by Surface Biomimetic Engineering of Titanium Implant with a Musselâ€Derived Integrinâ€Targeting Peptide. Advanced Biology, 2019, 3, e1800253.	3.0	15
25	Puerarin inhibits titanium particleâ€induced osteolysis and RANKLâ€induced osteoclastogenesis via suppression of the NFâ€Î¹B signaling pathway. Journal of Cellular and Molecular Medicine, 2020, 24, 11972-11983.	1.6	15
26	Aspirin inhibits osteoclast formation and wearâ€debrisâ€induced bone destruction by suppressing mitogenâ€activated protein kinases. Journal of Cellular Physiology, 2020, 235, 2599-2608.	2.0	14
27	Punicalagin ameliorates wear-particle-induced inflammatory bone destruction by bi-directional regulation of osteoblastic formation and osteoclastic resorption. Biomaterials Science, 2020, 8, 5157-5171.	2.6	11
28	Exenatide ameliorates inflammatory response in human rheumatoid arthritis fibroblastâ€like synoviocytes. IUBMB Life, 2019, 71, 969-977.	1.5	10
29	MiRâ€106b inhibition suppresses inflammatory bone destruction of wear debrisâ€induced periprosthetic osteolysis in rats. Journal of Cellular and Molecular Medicine, 2020, 24, 7490-7503.	1.6	10
30	Inhibition of protein phosphatase 2A attenuates titanium-particle induced suppression of bone formation. International Journal of Biological Macromolecules, 2020, 142, 142-151.	3.6	9
31	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.	2.2	9
32	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. International Immunopharmacology, 2021, 94, 107459.	1.7	8
33	Paeoniflorin Ameliorates Hyperprolactinemia-Induced Inhibition of Osteoblastogenesis by Suppressing the NF-Î¹B Signaling Pathway. International Journal of Endocrinology, 2022, 2022, 1-11.	0.6	2