Yifan

List of Publications by Year
in descending order

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26 papers	1,551 citations	331259 21 h-index	552369 26 g-index
26 all docs	26 docs citations	26 times ranked	2293 citing authors

#	Article	IF	Citations
1	Extracellular Vesicles in the Treatment of Parkinsonâ€™s Disease: A Review. Current Medicinal Chemistry, 2021, 28, 6375-6394.	1.2	5
2	Development of modified and multifunctional poly(glycerol sebacate) (PGS)-based biomaterials for biomedical applications. European Polymer Journal, 2021, 161, 110830.	2.6	27
3	Nanotechnology platforms for cancer immunotherapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1590.	3.3	82
4	Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. Nature Biomedical Engineering, 2020, 4, 69-83.	11.6	415
5	Neuroprotective Effect of Activated Protein C on Bloodâ€“Brain Barrier Injury During Focal Cerebral Ischemia/Reperfusion. Dose-Response, 2020, 18, 155932582091728.	0.7	1
6	Fabrication of Injectable, Porous Hyaluronic Acid Hydrogel Based on an In-Situ Bubble-Forming Hydrogel Entrapment Process. Polymers, 2020, 12, 1138.	2.0	28
7	Core/Shell PEGS/HA Hybrid Nanoparticle Via Micelle-Coordinated Mineralization for Tumor-Specific Therapy. ACS Applied Materials & Interfaces, 2020, 12, 12109-12119.	4.0	29
8	Optimized Synthesis of Biodegradable Elastomer PEGylated Poly(glycerol sebacate) and Their Biomedical Application. Polymers, 2019, 11, 965.	2.0	43
9	Multicellularity-interweaved bone regeneration of BMP-2-loaded scaffold with orchestrated kinetics of resorption and osteogenesis. Biomaterials, 2019, 216, 119216.	5.7	46
10	Self-Assembled Injectable Nanocomposite Hydrogels Coordinated by in Situ Generated CaP Nanoparticles for Bone Regeneration. ACS Applied Materials & Interfaces, 2019, 11, 17234-17246.	4.0	73
11	Isolation and Detection Technologies of Extracellular Vesicles and Application on Cancer Diagnostic. Dose-Response, 2019, 17, 155932581989100.	0.7	37
12	Exosomes: A Novel Therapeutic Agent for Cartilage and Bone Tissue Regeneration. Dose-Response, 2019, 17, 155932581989270.	0.7	37
13	Rapid initiation of guided bone regeneration driven by spatiotemporal delivery of IL-8 and BMP-2 from hierarchical MBG-based scaffold. Biomaterials, 2019, 196, 122-137.	5.7	108
14	Urethane-based low-temperature curing, highly-customized and multifunctional poly(glycerol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	4.1	37
15	Bioactivation of Calcium Phosphate Cement by Growth Factors and Their Applications. Springer Series in Biomaterials Science and Engineering, 2018, , 257-298.	0.7	1
16	A Review on Electroporation-Based Intracellular Delivery. Molecules, 2018, 23, 3044.	1.7	170
17	Microporous density-mediated response of MSCs on 3D trimodal macro/micro/nano-porous scaffolds via fibronectin/integrin and FAK/MAPK signaling pathways. Journal of Materials Chemistry B, 2017, 5, 3586-3599.	2.9	17
18	RhBMP-2 loaded MBG/PEGylated poly(glycerol sebacate) composite scaffolds for rapid bone regeneration. Journal of Materials Chemistry B, 2017, 5, 4633-4647.	2.9	33

#	ARTICLE	IF	CITATIONS
19	Surface Topography Regulates Osteogenic Differentiation of MSCs via Crosstalk between FAK/MAPK and ILK/Î²-Catenin Pathways in a Hierarchically Porous Environment. ACS Biomaterials Science and Engineering, 2017, 3, 3161-3175.	2.6	46
20	MBG-Modified Î²-TCP Scaffold Promotes Mesenchymal Stem Cells Adhesion and Osteogenic Differentiation via a FAK/MAPK Signaling Pathway. ACS Applied Materials & Interfaces, 2017, 9, 30283-30296.	4.0	52
21	Controlled synthesis and transformation of nano-hydroxyapatite with tailored morphologies for biomedical applications. Journal of Materials Chemistry B, 2017, 5, 9148-9156.	2.9	22
22	Strontium doping promotes bioactivity of rhBMP-2 upon calcium phosphate cement via elevated recognition and expression of BMPR-IA. Colloids and Surfaces B: Biointerfaces, 2017, 159, 684-695.	2.5	20
23	PEGylated poly(glycerol sebacate)-modified calcium phosphate scaffolds with desirable mechanical behavior and enhanced osteogenic capacity. Acta Biomaterialia, 2016, 44, 110-124.	4.1	67
24	Strontium attenuates rhBMP-2-induced osteogenic differentiation via formation of Sr-rhBMP-2 complex and suppression of Smad-dependent signaling pathway. Acta Biomaterialia, 2016, 33, 290-300.	4.1	37
25	Î²-Tricalcium phosphate/poly(glycerol sebacate) scaffolds with robust mechanical property for bone tissue engineering. Materials Science and Engineering C, 2015, 56, 37-47.	3.8	66
26	Poly(glycerol sebacate)-modified polylactic acid scaffolds with improved hydrophilicity, mechanical strength and bioactivity for bone tissue regeneration. RSC Advances, 2015, 5, 79703-79714.	1.7	52