Zahra Allahyari

List of Publications by Year
in descending order

14	666	840776 11	1058476 14
papers	citations	h-index	g-index

21	21	21	819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrospun cellulose acetate/gelatin nanofibrous wound dressing containing berberine for diabetic foot ulcer healing: in vitro and in vivo studies. Scientific Reports, 2020, 10, 8312.	3.3	164
2	Natural polymers-based light-induced hydrogels: Promising biomaterials for biomedical applications. Coordination Chemistry Reviews, 2020, 420, 213432.	18.8	116
3	Preparation and characterization of novel functionalized multiwalled carbon nanotubes/chitosan/Î²-Glycerophosphate scaffolds for bone tissue engineering. International Journal of Biological Macromolecules, 2017, 97, 365-372.	7.5	97
4	Naturally occurring biological macromolecules-based hydrogels: Potential biomaterials for peripheral nerve regeneration. International Journal of Biological Macromolecules, 2020, 154, 795-817.	7.5	79
5	Simple and robust fabrication and characterization of conductive carbonized nanofibers loaded with gold nanoparticles for bone tissue engineering applications. Materials Science and Engineering C, 2020, 117, 111226.	7.3	49
6	Electroconductive scaffolds for tissue regeneration: Current opportunities, pitfalls, and potential solutions. Materials Research Bulletin, 2021, 134, 111083.	5.2	35
7	Optimization of electrical stimulation parameters for MG-63 cell proliferation on chitosan/functionalized multiwalled carbon nanotube films. RSC Advances, 2016, 6, 109902-109915.	3.6	24
8	Microengineered 3D Collagen Gels with Independently Tunable Fiber Anisotropy and Directionality. Advanced Materials Technologies, 2021, 6, 2001186.	5.8	19
9	In vitro Studies of Transendothelial Migration for Biological and Drug Discovery. Frontiers in Medical Technology, 2020, 2, 600616.	2.5	19
10	Micropatterned Poly(ethylene glycol) Islands Disrupt Endothelial Cellâ€“Substrate Interactions Differently from Microporous Membranes. ACS Biomaterials Science and Engineering, 2020, 6, 959-968.	5.2	17
11	Recent Advances in Cellulose-Based Structures as the Wound-Healing Biomaterials: A Clinically Oriented Review. Applied Sciences (Switzerland), 2021, 11, 7769.	2.5	17
12	Robust and Gradient Thickness Porous Membranes for In Vitro Modeling of Physiological Barriers. Advanced Materials Technologies, 2020, 5, 2000474.	5.8	13
13	Engineering Cell-Substrate Interactions on Porous Membranes for Microphysiological Systems. Lab on A Chip, 2022, , .	6.0	9
14	Disrupted Surfaces of Porous Membranes Reduce Nuclear YAP Localization and Enhance Adipogenesis through Morphological Changes. ACS Biomaterials Science and Engineering, 2022, 8, 1791-1798.	5.2	2