Shayan Gholizadeh

List of Publications by Year
in descending order

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11 papers	376 citations	933447 10 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	478 citing authors

#	Article	IF	Citations
1	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
2	Naturally occurring biological macromolecules-based hydrogels: Potential biomaterials for peripheral nerve regeneration. International Journal of Biological Macromolecules, 2020, 154, 795-817.	7.5	79
3	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
4	Electroconductive scaffolds for tissue regeneration: Current opportunities, pitfalls, and potential solutions. Materials Research Bulletin, 2021, 134, 111083.	5.2	35
5	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
6	Microengineered 3D Collagen Gels with Independently Tunable Fiber Anisotropy and Directionality. Advanced Materials Technologies, 2021, 6, 2001186.	5.8	19
7	In vitro Studies of Transendothelial Migration for Biological and Drug Discovery. Frontiers in Medical Technology, 2020, 2, 600616.	2.5	19
8	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
9	Recent Advances in Cellulose-Based Structures as the Wound-Healing Biomaterials: A Clinically Oriented Review. Applied Sciences (Switzerland), 2021, 11, 7769.	2.5	17
10	Robust and Gradient Thickness Porous Membranes for In Vitro Modeling of Physiological Barriers. Advanced Materials Technologies, 2020, 5, 2000474.	5.8	13
11	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