Mohammad Hossein Mohammadi

List of Publications by Year
in descending order

13 papers	1,285 citations	840776 11 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	2387 citing authors

#	Article	IF	Citations
1	Manufacturing of hydrogel biomaterials with controlled mechanical properties for tissue engineering applications. Acta Biomaterialia, 2017, 62, 42-63.	8.3	352
2	Organâ€Onâ€Aâ€Chip Platforms: A Convergence of Advanced Materials, Cells, and Microscale Technologies. Advanced Healthcare Materials, 2018, 7, 1700506.	7.6	227
3	Textile Technologies and Tissue Engineering: A Path Toward Organ Weaving. Advanced Healthcare Materials, 2016, 5, 751-766.	7.6	161
4	Cardiovascular disease models: A game changing paradigm in drug discovery and screening. Biomaterials, 2019, 198, 3-26.	11.4	149
5	A handy review of carpal tunnel syndrome: From anatomy to diagnosis and treatment. World Journal of Radiology, 2014, 6, 284.	1.1	119
6	Controlling Differentiation of Stem Cells for Developing Personalized Organâ€onâ€Chip Platforms. Advanced Healthcare Materials, 2018, 7, 1700426.	7.6	65
7	Skin Diseases Modeling using Combined Tissue Engineering and Microfluidic Technologies. Advanced Healthcare Materials, 2016, 5, 2459-2480.	7.6	59
8	3D Printing of Vascular Tubes Using Bioelastomer Prepolymers by Freeform Reversible Embedding. ACS Biomaterials Science and Engineering, 2020, 6, 1333-1343.	5.2	40
9	Microfluidic-Based Multi-Organ Platforms for Drug Discovery. Micromachines, 2016, 7, 162.	2.9	32
10	Engineered Muscle Tissues for Disease Modeling and Drug Screening Applications. Current Pharmaceutical Design, 2017, 23, 2991-3004.	1.9	15
11	Toward Hierarchical Assembly of Aligned Cell Sheets into a Conical Cardiac Ventricle Using Microfabricated Elastomers. Advanced Biology, 2022, 6, .	2.5	11
12	Organâ€Onâ€Chip Platforms: Skin Diseases Modeling using Combined Tissue Engineering and Microfluidic Technologies (Adv. Healthcare Mater. 19/2016). Advanced Healthcare Materials, 2016, 5, 2454-2454.	7.6	2
13	Engineering Models of the Heart Left Ventricle. ACS Biomaterials Science and Engineering, 2022, 8, 2144-2160.	5.2	2