Taufiq Ahmad

List of Publications by Year
in descending order

24	675	706676 14	721071 23
papers	citations	h-index	g-index

25	25	25	1243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A thermogelling organic-inorganic hybrid hydrogel with excellent printability, shape fidelity and cytocompatibility for 3D bioprinting. Biofabrication, 2022, 14, 025005.	3.7	5
2	Bioactive Electrospun Fibers: Fabrication Strategies and a Critical Review of Surface-Sensitive Characterization and Quantification. Chemical Reviews, 2021, 121, 11194-11237.	23.0	41
3	Tuning the Thermogelation and Rheology of Poly(2-Oxazoline)/Poly(2-Oxazine)s Based Thermosensitive Hydrogels for 3D Bioprinting. Gels, 2021, 7, 78.	2.1	15
4	The Challenging Pharmacokinetics of Mitotane: An Old Drug in Need of New Packaging. European Journal of Drug Metabolism and Pharmacokinetics, 2021, 46, 575-593.	0.6	13
5	Frontiers in research for bone biomaterials. , 2020, , 307-332.		2
6	Stem cell spheroids incorporating fibers coated with adenosine and polydopamine as a modular building blocks for bone tissue engineering. Biomaterials, 2020, 230, 119652.	5.7	49
7	Human adipose-derived stem cell spheroids incorporating platelet-derived growth factor (PDGF) and bio-minerals for vascularized bone tissue engineering. Biomaterials, 2020, 255, 120192.	5.7	47
8	Polydopamine-assisted one-step modification of nanofiber surfaces with adenosine to tune the osteogenic differentiation of mesenchymal stem cells and the maturation of osteoclasts. Biomaterials Science, 2020, 8, 2825-2839.	2.6	8
9	Bioactive Membrane Immobilized with Lactoferrin for Modulation of Bone Regeneration and Inflammation. Tissue Engineering - Part A, 2020, 26, 1243-1258.	1.6	20
10	Oxidative Epigallocatechin Gallate Coating on Polymeric Substrates for Bone Tissue Regeneration. Macromolecular Bioscience, 2019, 19, e1800392.	2.1	21
11	Inexpensive Sol Gel Synthesis of Highly Active and Environmentally Benign Expanded Graphite/TiO2 Hybrid Photocatalysts. Journal of Nanoelectronics and Optoelectronics, 2019, 14, 1482-1490.	0.1	2
12	Harnessing biochemical and structural cues for tenogenic differentiation of adipose derived stem cells (ADSCs) and development of an inÂvitro tissue interface mimicking tendon-bone insertion graft. Biomaterials, 2018, 165, 79-93.	5.7	75
13	One-step delivery of a functional multi-layered cell sheet using a thermally expandable hydrogel with controlled presentation of cell adhesive proteins. Biofabrication, 2018, 10, 025001.	3.7	12
14	Fabrication of in vitro 3D mineralized tissue by fusion of composite spheroids incorporating biomineral-coated nanofibers and human adipose-derived stem cells. Acta Biomaterialia, 2018, 74, 464-477.	4.1	44
15	Agglomeration of human dermal fibroblasts with ECM mimicking nano-fragments and their effects on proliferation and cell/ECM interactions. Journal of Industrial and Engineering Chemistry, 2018, 67, 80-91.	2.9	12
16	Spatially Assembled Bilayer Cell Sheets of Stem Cells and Endothelial Cells Using Thermosensitive Hydrogels for Therapeutic Angiogenesis. Advanced Healthcare Materials, 2017, 6, 1601340.	3.9	16
17	Dual delivery of growth factors with coacervate-coated poly(lactic-co-glycolic acid) nanofiber improves neovascularization inÂa mouse skin flap model. Biomaterials, 2017, 124, 65-77.	5.7	87
18	Controlled Retention of BMP-2-Derived Peptide on Nanofibers Based on Mussel-Inspired Adhesion for Bone Formation. Tissue Engineering - Part A, 2017, 23, 323-334.	1.6	29

#	Article	IF	Citations
19	Hybrid-spheroids incorporating ECM like engineered fragmented fibers potentiate stem cell function by improved cell/cell and cell/ECM interactions. Acta Biomaterialia, 2017, 64, 161-175.	4.1	66
20	Oxygen-dependent generation of a graded polydopamine coating on nanofibrous materials for controlling stem cell functions. Journal of Materials Chemistry B, 2017, 5, 8865-8878.	2.9	8
21	Graded functionalization of biomaterial surfaces using mussel-inspired adhesive coating of polydopamine. Colloids and Surfaces B: Biointerfaces, 2017, 159, 546-556.	2.5	23
22	Construction of 3-D Cellular Multi-Layers with Extracellular Matrix Assembly Using Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2016, 12, 1916-1928.	0.5	3
23	Delivery of a Cell Patch of Cocultured Endothelial Cells and Smooth Muscle Cells Using Thermoresponsive Hydrogels for Enhanced Angiogenesis. Tissue Engineering - Part A, 2016, 22, 182-193.	1.6	18
24	Effects of Immobilized BMP-2 and Nanofiber Morphology on In Vitro Osteogenic Differentiation of hMSCs and In Vivo Collagen Assembly of Regenerated Bone. ACS Applied Materials & Interfaces, 2015, 7, 8798-8808.	4.0	57