

Hanna J Sanyour

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

326
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring weight ratio of PCL/PLA in electrospun three-dimensional nanofibrous scaffolds and the effect on osteogenic differentiation of stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 31-39.	5.0	62
2	Fabrication and Characterization of Pectin Hydrogel Nanofiber Scaffolds for Differentiation of Mesenchymal Stem Cells into Vascular Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6511-6519.	5.2	51
3	Membrane cholesterol and substrate stiffness co-ordinate to induce the remodelling of the cytoskeleton and the alteration in the biomechanics of vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2019, 115, 1369-1380.	3.8	39
4	Extracellular Matrix Proteins and Substrate Stiffness Synergistically Regulate Vascular Smooth Muscle Cell Migration and Cortical Cytoskeleton Organization. <i>ACS Applied Bio Materials</i> , 2020, 3, 2360-2369.	4.6	33
5	Vascular extracellular matrix and fibroblasts-coculture directed differentiation of human mesenchymal stem cells toward smooth muscle-like cells for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2018, 93, 61-69.	7.3	29
6	Elastic Mineralized 3D Electrospun PCL Nanofibrous Scaffold for Drug Release and Bone Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2021, 4, 3639-3648.	4.6	25
7	Spontaneous oscillation in cell adhesion and stiffness measured using atomic force microscopy. <i>Scientific Reports</i> , 2018, 8, 2899.	3.3	23
8	Gelatin-crosslinked pectin nanofiber mats allowing cell infiltration. <i>Materials Science and Engineering C</i> , 2020, 112, 110941.	7.3	23
9	Statin-mediated cholesterol depletion exerts coordinated effects on the alterations in rat vascular smooth muscle cell biomechanics and migration. <i>Journal of Physiology</i> , 2020, 598, 1505-1522.	2.9	22
10	Vessel graft fabricated by the on-site differentiation of human mesenchymal stem cells towards vascular cells on vascular extracellular matrix scaffold under mechanical stimulation in a rotary bioreactor. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2703-2713.	5.8	14
11	The interplay of membrane cholesterol and substrate on vascular smooth muscle biomechanics. <i>Current Topics in Membranes</i> , 2020, 86, 279-299.	0.9	3