Hanna J Sanyour

List of Publications by Year
in descending order

11	326	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	378
all docs	docs citations	times ranked	citing authors

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