

Alex P Rickel

List of Publications by Year in descending order

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papers

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citations

1163117

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541
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Site Differentiation of Human Mesenchymal Stem Cells into Vascular Cells on Extracellular Matrix Scaffold Under Mechanical Stimulations for Vascular Tissue Engineering. <i>Methods in Molecular Biology</i> , 2022, 2375, 35-46.	0.9	1
2	Electrospun nanofiber scaffold for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2021, 129, 112373.	7.3	59
3	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
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	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
6	Gelatin-crosslinked pectin nanofiber mats allowing cell infiltration. <i>Materials Science and Engineering C</i> , 2020, 112, 110941.	7.3	23
7	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
8	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
9	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
10	Cancer exosomes induce tumor innervation. <i>Nature Communications</i> , 2018, 9, 4284.	12.8	169