

Vivek Damodar Ranjan

List of Publications by Year in descending order

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papers

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351
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Volumetric Additive Manufacturing in Solid State: A Demonstration to Produce Water-Content-Dependent Cooling/Heating/Water-Responsive Shape Memory Hydrogels. 3D Printing and Additive Manufacturing, 2024, 11, 125-131.	2.9	4
2	In Situ Formation of 3D Conductive and Cell-Laden Graphene Hydrogel for Electrically Regulating Cellular Behavior. Macromolecular Bioscience, 2021, 21, e2000374.	4.1	6
3	A microfiber scaffold-based 3D <i>in vitro</i> human neuronal culture model of Alzheimer's disease. Biomaterials Science, 2020, 8, 4861-4874.	5.4	16
4	<i>In vitro</i> cell culture in hollow microfibers with porous structures. Biomaterials Science, 2020, 8, 2175-2188.	5.4	19
5	Nanomechanical Microfluidic Mixing and Rapid Labeling of Silica Nanoparticles using Allenamide-Thiol Covalent Linkage for Bioimaging. ACS Applied Materials & Interfaces, 2019, 11, 4867-4875.	8.0	4
6	Photoconductive Micro/Nanoscale Interfaces of a Semiconducting Polymer for Wireless Stimulation of Neuron-Like Cells. ACS Applied Materials & Interfaces, 2019, 11, 4833-4841.	8.0	37
7	A Living 3D In Vitro Neuronal Network Cultured inside Hollow Electrospun Microfibers. Advanced Biology, 2018, 2, e1700218.	3.0	15
8	Three-dimensional electrical conductive scaffold from biomaterial-based carbon microfiber sponge with bioinspired coating for cell proliferation and differentiation. Carbon, 2018, 134, 174-182.	10.3	37
9	Modelling Alzheimer's disease: Insights from <i>in vivo</i> to <i>in vitro</i> three-dimensional culture platforms. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1944-1958.	2.7	18