

Vivek Damodar Ranjan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10485218/publications.pdf>

Version: 2024-02-01

9
papers

156
citations

1478505
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1474206
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all docs

9
docs citations

9
times ranked

351
citing authors

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