

Anup D Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

408
citations

933447

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1199594

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13
times ranked

718
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Characterization of 3D Printed, 3D Microelectrode Arrays for Interfacing with a Peripheral Nerve-on-a-Chip. ACS Biomaterials Science and Engineering, 2021, 7, 3018-3029.	5.2	26
2	Modeling chemotherapy-induced peripheral neuropathy using a Nerve-on-a-chip microphysiological system. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 350-364.	1.5	15
3	Engineering a 3D functional human peripheral nerve in vitro using the Nerve-on-a-Chip platform. Scientific Reports, 2019, 9, 8921.	3.3	52
4	Neural microphysiological systems for <i>in vitro</i> modeling of peripheral nervous system disorders. Bioelectronics in Medicine, 2019, 2, 101-117.	2.0	7
5	Gelatin-based 3D conduits for transdifferentiation of mesenchymal stem cells into Schwann cell-like phenotypes. Acta Biomaterialia, 2017, 53, 293-306.	8.3	38
6	Control of oxygen tension recapitulates zone-specific functions in human liver microphysiology systems. Experimental Biology and Medicine, 2017, 242, 1617-1632.	2.4	109
7	Transdifferentiation of brain-derived neurotrophic factor (BDNF)-secreting mesenchymal stem cells significantly enhance BDNF secretion and Schwann cell marker proteins. Journal of Bioscience and Bioengineering, 2017, 124, 572-582.	2.2	27
8	Proteomic analysis of mesenchymal to Schwann cell transdifferentiation. Journal of Proteomics, 2017, 165, 93-101.	2.4	21
9	Development of multifunctional films for peripheral nerve regeneration. Acta Biomaterialia, 2017, 56, 141-152.	8.3	27
10	Oriented growth and transdifferentiation of mesenchymal stem cells towards a Schwann cell fate on micropatterned substrates. Journal of Bioscience and Bioengineering, 2016, 121, 325-335.	2.2	38
11	High Throughput Characterization of Adult Stem Cells Engineered for Delivery of Therapeutic Factors for Neuroprotective Strategies. Journal of Visualized Experiments, 2015, , e52242.	0.3	2
12	Enabling nanomaterial, nanofabrication and cellular technologies for nanoneuromedicines. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 715-729.	3.3	46