Anup D Sharma

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6443413/publications.pdf

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12	408	933264 10	1199470 12
papers	citations	h-index	g-index

13	13	13	718
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of oxygen tension recapitulates zone-specific functions in human liver microphysiology systems. Experimental Biology and Medicine, 2017, 242, 1617-1632.	1.1	109
2	Engineering a 3D functional human peripheral nerve in vitro using the Nerve-on-a-Chip platform. Scientific Reports, 2019, 9, 8921.	1.6	52
3	Enabling nanomaterial, nanofabrication and cellular technologies for nanoneuromedicines. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 715-729.	1.7	46
4	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.	1.1	38
5	Gelatin-based 3D conduits for transdifferentiation of mesenchymal stem cells into Schwann cell-like phenotypes. Acta Biomaterialia, 2017, 53, 293-306.	4.1	38
6	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.	1.1	27
7	Development of multifunctional films for peripheral nerve regeneration. Acta Biomaterialia, 2017, 56, 141-152.	4.1	27
8	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.	2.6	26
9	Proteomic analysis of mesenchymal to Schwann cell transdifferentiation. Journal of Proteomics, 2017, 165, 93-101.	1.2	21
10	Modeling chemotherapy-induced peripheral neuropathy using a Nerve-on-a-chip microphysiological system. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 350-364.	0.9	15
11	Neural microphysiological systems for in vitro modeling of peripheral nervous system disorders. Bioelectronics in Medicine, 2019, 2, 101-117.	2.0	7
12	High Throughput Characterization of Adult Stem Cells Engineered for Delivery of Therapeutic Factors for Neuroprotective Strategies. Journal of Visualized Experiments, 2015, , e52242.	0.2	2