

Nuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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933447

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#	ARTICLE	IF	CITATIONS
1	Nanostructured Platforms Interfacing with Nervous System. , 2021, , 1-24.		0
2	Development of an Axon-Guiding Aligned Nanofiber-Integrated Compartmentalized Microfluidic Neuron Culture System. ACS Applied Bio Materials, 2021, 4, 8424-8432.	4.6	10
3	Nanotunnels within Poly(3,4-ethylenedioxythiophene)-Carbon Nanotube Composite for Highly Sensitive Neural Interfacing. ACS Nano, 2020, 14, 8059-8073.	14.6	37
4	Bionanotube/Poly(3,4-ethylenedioxythiophene) Nanohybrid as an Electrode for the Neural Interface and Dopamine Sensor. ACS Applied Materials & Interfaces, 2019, 11, 18254-18267.	8.0	55
5	Advances in injectable self-healing biomedical hydrogels. Acta Biomaterialia, 2019, 90, 1-20.	8.3	226
6	Biofunctionalized platforms towards long-term neural interface. Current Opinion in Biomedical Engineering, 2018, 6, 81-91.	3.4	8
7	Electrospun nanofibers facilitate better alignment, differentiation, and long-term culture in an <i>in vitro</i> model of the neuromuscular junction (NMJ). Biomaterials Science, 2018, 6, 3262-3272.	5.4	40
8	The cellular response of nerve cells on poly-L-lysine coated PLGA-MWCNTs aligned nanofibers under electrical stimulation. Materials Science and Engineering C, 2018, 91, 715-726.	7.3	79
9	Polymer-based composites by electrospinning: Preparation & functionalization with nanocarbons. Progress in Polymer Science, 2018, 86, 40-84.	24.7	197
10	Lycium barbarum polysaccharide encapsulated Poly lactic-co-glycolic acid Nanofibers: cost effective herbal medicine for potential application in peripheral nerve tissue engineering. Scientific Reports, 2018, 8, 8669.	3.3	60
11	Neural interfaces engineered via micro- and nanostructured coatings. Nano Today, 2017, 14, 59-83.	11.9	60
12	The Effect of Plasma Treated PLGA/MWCNTs-COOH Composite Nanofibers on Nerve Cell Behavior. Polymers, 2017, 9, 713.	4.5	30
13	Nanobiomaterials for neural regeneration. Neural Regeneration Research, 2016, 11, 1372.	3.0	14