

# Nuan Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/301829/publications.pdf>

Version: 2024-02-01

13  
papers

816  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1415  
citing authors

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