

# Nicola L Francis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5049026/publications.pdf>

Version: 2024-02-01

16  
papers

566  
citations

759055

12  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and transplantation of reprogrammed human neurons in the brain using 3D microtopographic scaffolds. <i>Nature Communications</i> , 2016, 7, 10862.	5.8	109
2	An ice-templated, linearly aligned chitosan-alginate scaffold for neural tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3493-3503.	2.1	91
3	Ice-Templated Scaffolds with Microridged Pores Direct DRG Neurite Growth. <i>Advanced Functional Materials</i> , 2012, 22, 4920-4923.	7.8	63
4	Self-Assembling Peptide Nanofiber Scaffolds for 3-D Reprogramming and Transplantation of Human Pluripotent Stem Cell-Derived Neurons. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1030-1038.	2.6	53
5	Microglia-targeting nanotherapeutics for neurodegenerative diseases. <i>APL Bioengineering</i> , 2020, 4, 030902.	3.3	49
6	Lack of age-associated telomere shortening in long- and short-lived species of sea urchins. <i>FEBS Letters</i> , 2006, 580, 4713-4717.	1.3	47
7	Engineering Tumor-Targeting Nanoparticles as Vehicles for Precision Nanomedicine. <i>Med One</i> , 2019, 4, .	1.5	30
8	Strategies for neurotrophin- $\beta$ and chondroitinase ABC release from freeze-cast chitosan-alginate nerve-guidance scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 285-294.	1.3	28
9	Antioxidant Nanoparticles for Concerted Inhibition of $\beta$ -Synuclein Fibrillization, and Attenuation of Microglial Intracellular Aggregation and Activation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 112.	2.0	26
10	Neural Progenitor Cells Grown on Hydrogel Surfaces Respond to the Product of the Transgene of Encapsulated Genetically Engineered Fibroblasts. <i>Biomacromolecules</i> , 2010, 11, 2936-2943.	2.6	20
11	Polymer brain-nanotherapeutics for multipronged inhibition of microglial $\beta$ -synuclein aggregation, activation, and neurotoxicity. <i>Biomaterials</i> , 2016, 111, 179-189.	5.7	19
12	Peptide-Based Scaffolds for the Culture and Transplantation of Human Dopaminergic Neurons. <i>Tissue Engineering - Part A</i> , 2020, 26, 193-205.	1.6	16
13	Influence of alginate cross-linking method on neurite response to microencapsulated neurotrophin-producing fibroblasts. <i>Journal of Microencapsulation</i> , 2011, 28, 353-362.	1.2	10
14	Extracellular Vesicle Molecular Signatures Characterize Metastatic Dynamicity in Ovarian Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 718408.	1.3	3
15	CD36-Binding Amphiphilic Nanoparticles for Attenuation of $\beta$ -Synuclein-Induced Microglial Activation. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	1.7	2
16	Hierarchical Structures: Ice-Templated Scaffolds with Microridged Pores Direct DRG Neurite Growth ( <i>Adv. Funct. Mater.</i> 23/2012). <i>Advanced Functional Materials</i> , 2012, 22, 4846-4846.	7.8	0