Nicola L Francis

List of Publications by Year
in descending order

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	CD36â€Binding Amphiphilic Nanoparticles for Attenuation of Î±â€Synucleinâ€Induced Microglial Activation. Advanced NanoBiomed Research, 2022, 2, .	1.7	2
2	Extracellular Vesicle Molecular Signatures Characterize Metastatic Dynamicity in Ovarian Cancer. Frontiers in Oncology, 2021, 11, 718408.	1.3	3
3	Peptide-Based Scaffolds for the Culture and Transplantation of Human Dopaminergic Neurons. Tissue Engineering - Part A, 2020, 26, 193-205.	1.6	16
4	Microglia-targeting nanotherapeutics for neurodegenerative diseases. APL Bioengineering, 2020, 4, 030902.	3.3	49
5	Antioxidant Nanoparticles for Concerted Inhibition of Î±-Synuclein Fibrillization, and Attenuation of Microglial Intracellular Aggregation and Activation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 112.	2.0	26
6	Engineering Tumor-Targeting Nanoparticles as Vehicles for Precision Nanomedicine. Med One, 2019, 4, .	1.5	30
7	Strategies for neurotrophinâ€3 and chondroitinase ABC release from freezeâ€cast chitosanâ€“alginate nerveâ€guidance scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 285-294.	1.3	28
8	Self-Assembling Peptide Nanofiber Scaffolds for 3-D Reprogramming and Transplantation of Human Pluripotent Stem Cell-Derived Neurons. ACS Biomaterials Science and Engineering, 2016, 2, 1030-1038.	2.6	53
9	Polymer brain-nanotherapeutics for multipronged inhibition of microglial Î±-synuclein aggregation, activation, and neurotoxicity. Biomaterials, 2016, 111, 179-189.	5.7	19
10	Generation and transplantation of reprogrammed human neurons in the brain using 3D microtopographic scaffolds. Nature Communications, 2016, 7, 10862.	5.8	109
11	An iceâ€templated, linearly aligned chitosanâ€alginate scaffold for neural tissue engineering. Journal of Biomedical Materials Research - Part A, 2013, 101, 3493-3503.	2.1	91
12	Hierarchical Structures: Ice-Templated Scaffolds with Microridged Pores Direct DRG Neurite Growth (Adv. Funct. Mater. 23/2012). Advanced Functional Materials, 2012, 22, 4846-4846.	7.8	0
13	Iceâ€Templated Scaffolds with Microridged Pores Direct DRG Neurite Growth. Advanced Functional Materials, 2012, 22, 4920-4923.	7.8	63
14	Influence of alginate cross-linking method on neurite response to microencapsulated neurotrophin-producing fibroblasts. Journal of Microencapsulation, 2011, 28, 353-362.	1.2	10
15	Neural Progenitor Cells Grown on Hydrogel Surfaces Respond to the Product of the Transgene of Encapsulated Genetically Engineered Fibroblasts. Biomacromolecules, 2010, 11, 2936-2943.	2.6	20
16	Lack of age-associated telomere shortening in long- and short-lived species of sea urchins. FEBS Letters, 2006, 580, 4713-4717.	1.3	47