Marilyn C Mcnamara

List of Publications by Year
in descending order

12	192	1039406 9	1199166 12
papers	citations	h-index	g-index

15	15	15	188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfibers as Physiologically Relevant Platforms for Creation of 3D Cell Cultures. Macromolecular Bioscience, 2017, 17, 1700279.	2.1	34
2	Microfluidic Manufacturing of Alginate Fibers with Encapsulated Astrocyte Cells. ACS Applied Bio Materials, 2019, 2, 1603-1613.	2.3	29
3	Photo-Cross-Linked Poly(ethylene glycol) Diacrylate Hydrogels: Spherical Microparticles to Bow Tie-Shaped Microfibers. ACS Applied Materials & Interfaces, 2019, 11, 18797-18807.	4.0	27
4	Enhancing the Conductivity of Cell-Laden Alginate Microfibers With Aqueous Graphene for Neural Applications. Frontiers in Materials, 2020, 7, .	1.2	20
5	Manufacturing of poly(ethylene glycol diacrylate)-based hollow microvessels using microfluidics. RSC Advances, 2020, 10, 4095-4102.	1.7	19
6	Targeted Microfluidic Manufacturing to Mimic Biological Microenvironments: Cell-Encapsulated Hollow Fibers. ACS Macro Letters, 2021, 10, 732-736.	2.3	14
7	Recovery of Encapsulated Adult Neural Progenitor Cells from Microfluidic-Spun Hydrogel Fibers Enhances Proliferation and Neuronal Differentiation. ACS Omega, 2020, 5, 7910-7918.	1.6	12
8	Behavior of Neural Cells Post Manufacturing and After Prolonged Encapsulation within Conductive Grapheneâ€Ładen Alginate Microfibers. Advanced Biology, 2021, 5, e2101026.	1.4	12
9	Controlled positioning of microbubbles and induced cavitation using a dual-frequency transducer and microfiber adhesion techniques. Ultrasonics Sonochemistry, 2018, 43, 114-119.	3.8	10
10	Shear at Fluid-Fluid Interfaces Affects the Surface Topologies of Alginate Microfibers. Clean Technologies, 2019, 1, 265-272.	1.9	7
11	Graphene Microelectrodes for Real-Time Impedance Spectroscopy of Neural Cells. ACS Applied Bio Materials, 2022, 5, 113-122.	2.3	6
12	Characterization of Astrocytic Response after Experiencing Cavitation In Vitro. Global Challenges, 2020, 4, 1900014.	1.8	2