

Carlos F Guimarães

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1549805/publications.pdf>

Version: 2024-02-01

12
papers

1,188
citations

949033

11
h-index

1255698

13
g-index

14
all docs

14
docs citations

14
times ranked

2295
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic mixing system for precise PLGA-PEG nanoparticles size control. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102482.	1.7	17
2	Pushing the Natural Frontier: Progress on the Integration of Biomaterial Cues toward Combinatorial Biofabrication and Tissue Engineering. <i>Advanced Materials</i> , 2022, 34, e2105645.	11.1	21
3	Emerging biofabrication approaches for gastrointestinal organoids towards patient specific cancer models. <i>Cancer Letters</i> , 2021, 504, 116-124.	3.2	5
4	Engineering Hydrogel-Based Biomedical Photonics: Design, Fabrication, and Applications. <i>Advanced Materials</i> , 2021, 33, e2006582.	11.1	62
5	3D flow-focusing microfluidic biofabrication: One-chip-fits-all hydrogel fiber architectures. <i>Applied Materials Today</i> , 2021, 23, 101013.	2.3	17
6	Wearable Collector for Noninvasive Sampling of SARS-CoV-2 from Exhaled Breath for Rapid Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41445-41453.	4.0	24
7	Engineering Polysaccharide-Based Hydrogel Photonic Constructs: From Multiscale Detection to the Biofabrication of Living Optical Fibers. <i>Advanced Materials</i> , 2021, 33, e2105361.	11.1	21
8	High-throughput fabrication of cell-laden 3D biomaterial gradients. <i>Materials Horizons</i> , 2020, 7, 2414-2421.	6.4	20
9	The stiffness of living tissues and its implications for tissue engineering. <i>Nature Reviews Materials</i> , 2020, 5, 351-370.	23.3	756
10	KRAS Oncogenic Signaling Extends beyond Cancer Cells to Orchestrate the Microenvironment. <i>Cancer Research</i> , 2018, 78, 7-14.	0.4	153
11	Development of a Novel Orthogonal Double Gradient for High-Throughput Screening of Mesenchymal Stem Cells-Materials Interaction. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800504.	1.9	24
12	Screening Platform for Cell Contact Guidance Based on Inorganic Biomaterial Micro/nanotopographical Gradients. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31433-31445.	4.0	67