

Julien G Roth

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

520
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Polymer Hydrophilicity to Regulate Gel Mechanics and Encapsulated Cell Morphology. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200011.	7.6	14
2	Hybrid Core-Shell Nanofibrous Scaffolds/Stents Deliver Angiotensin II Receptor Blocker to Treat Diabetic Artery Disease. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4199-4207.	4.4	9
3	3D Bioprinting using UNiversal Orthogonal Network (UNION) Bioinks. <i>Advanced Functional Materials</i> , 2021, 31, 2007983.	14.9	55
4	Microrheology reveals simultaneous cell-mediated matrix stiffening and fluidization that underlie breast cancer invasion. <i>Science Advances</i> , 2021, 7, .	10.3	21
5	Advancing models of neural development with biomaterials. <i>Nature Reviews Neuroscience</i> , 2021, 22, 593-615.	10.2	60
6	Telmisartan Loaded Nanofibers Enhance Re-Endothelialization and Inhibit Neointimal Hyperplasia. <i>Pharmaceutics</i> , 2021, 13, 1756.	4.5	5
7	Bioprinting Cell- and Spheroid-Laden Protein-Engineered Hydrogels as Tissue-on-Chip Platforms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 374.	4.1	48
8	16p11.2 microdeletion imparts transcriptional alterations in human iPSC-derived models of early neural development. <i>ELife</i> , 2020, 9, .	6.0	30
9	Bioprinting of stem cell expansion lattices. <i>Acta Biomaterialia</i> , 2019, 95, 225-235.	8.3	35
10	RNA-protein interaction detection in living cells. <i>Nature Methods</i> , 2018, 15, 207-212.	19.0	234