

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 | RNAâ€“protein interaction detection in living cells. <i>Nature Methods</i> , 2018, 15, 207-212. | 19.0 | 234 |
| 2 | Advancing models of neural development with biomaterials. <i>Nature Reviews Neuroscience</i> , 2021, 22, 593-615. | 10.2 | 60 |
| 3 | 3D Bioprinting using UNiversal Orthogonal Network (UNION) Bioinks. <i>Advanced Functional Materials</i> , 2021, 31, 2007983. | 14.9 | 55 |
| 4 | 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 |
| 5 | Bioprinting of stem cell expansion lattices. <i>Acta Biomaterialia</i> , 2019, 95, 225-235. | 8.3 | 35 |
| 6 | 16p11.2 microdeletion imparts transcriptional alterations in human iPSC-derived models of early neural development. <i>ELife</i> , 2020, 9, . | 6.0 | 30 |
| 7 | Microrheology reveals simultaneous cell-mediated matrix stiffening and fluidization that underlie breast cancer invasion. <i>Science Advances</i> , 2021, 7, . | 10.3 | 21 |
| 8 | Tuning Polymer Hydrophilicity to Regulate Gel Mechanics and Encapsulated Cell Morphology. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200011. | 7.6 | 14 |
| 9 | Hybrid Coreâ€“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 |
| 10 | Telmisartan Loaded Nanofibers Enhance Re-Endothelialization and Inhibit Neointimal Hyperplasia. <i>Pharmaceutics</i> , 2021, 13, 1756. | 4.5 | 5 |