Monica L Moya

List of Publications by Year
in descending order

19 papers	1,053 citations	686830 13 h-index	794141 19 g-index
22 all docs	22 docs citations	22 times ranked	1619 citing authors

#	Article	IF	Citations
1	Extracellular matrix modulates T cell clearance of malignant cells in vitro. Biomaterials, 2022, 282, 121378.	5.7	8
2	Performance of three-dimensional printed nasopharyngeal swabs for COVID-19 testing. MRS Bulletin, 2021, 46, 813-821.	1.7	6
3	Go with the flow: modeling unique biological flows in engineeredin vitroplatforms. Lab on A Chip, 2021, 21, 2095-2120.	3.1	16
4	Projection Microstereolithographic Microbial Bioprinting for Engineered Biofilms. Nano Letters, 2021, 21, 1352-1359.	4.5	33
5	Three-dimensional bioprinting of aneurysm-bearing tissue structure for endovascular deployment of embolization coils. Biofabrication, 2021, 13, 015006.	3.7	10
6	Optimizing cell encapsulation condition in ECM-Collagen I hydrogels to support 3D neuronal cultures. Journal of Neuroscience Methods, 2020, 329, 108460.	1.3	32
7	A Reconfigurable In Vitro Model for Studying the Bloodâ€“Brain Barrier. Annals of Biomedical Engineering, 2020, 48, 780-793.	1.3	31
8	Examining metastatic behavior within 3D bioprinted vasculature for the validation of a 3D computational flow model. Science Advances, 2020, 6, eabb3308.	4.7	47
9	Investigating the Interaction Between Circulating Tumor Cells and Local Hydrodynamics via Experiment and Simulations. Cellular and Molecular Bioengineering, 2020, 13, 527-540.	1.0	9
10	Comparative Molecular Analysis of Cancer Behavior Cultured In Vitro, In Vivo, and Ex Vivo. Cancers, 2020, 12, 690.	1.7	17
11	Macromolecular gelatin properties affect fibrin microarchitecture and tumor spheroid behavior in fibrin-gelatin gels. Biomaterials, 2020, 250, 120035.	5.7	6
12	Human Induced Pluripotent Stem Cell-Derived Endothelial Cells for Three-Dimensional Microphysiological Systems. Tissue Engineering - Part C: Methods, 2017, 23, 474-484.	1.1	75
13	Microfluidic device to control interstitial flow-mediated homotypic and heterotypic cellular communication. Lab on A Chip, 2015, 15, 3521-3529.	3.1	56
14	Integrating in vitro organ-specific function with the microcirculation. Current Opinion in Chemical Engineering, 2014, 3, 102-111.	3.8	11
15	Microfluidic Device to Culture 3D In Vitro Human Capillary Networks. Methods in Molecular Biology, 2013, 1202, 21-27.	0.4	18
16	An integrated in vitro model of perfused tumor and cardiac tissue. Stem Cell Research and Therapy, 2013, 4, S15.	2.4	54
17	Full range physiological mass transport control in 3D tissue cultures. Lab on A Chip, 2013, 13, 81-89.	3.1	112
18	In Vitro Perfused Human Capillary Networks. Tissue Engineering - Part C: Methods, 2013, 19, 730-737.	1.1	337

#	Article	IF	Citations
19	A microfluidic platform for generating large-scale nearly identical human microphysiological vascularized tissue arrays. Lab on A Chip, 2013, 13, 2990.	3.1	175