Giulia Adriani

List of Publications by Year
in descending order

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30 papers	2,061 citations	430754 18 h-index	526166 27 g-index
33 all docs	33 docs citations	33 times ranked	3520 citing authors

#	Article	IF	Citations
1	A Human Neurovascular Unit On-a-Chip. Methods in Molecular Biology, 2022, 2373, 107-119.	0.4	1
2	Nanoparticle-Based Therapies for Turning Cold Tumors Hot: How to Treat an Immunosuppressive Tumor Microenvironment. Frontiers in Bioengineering and Biotechnology, 2021, 9, 689245.	2.0	16
3	In vitro 3D liver tumor microenvironment models for immune cell therapy optimization. APL Bioengineering, 2021, 5, 041502.	3.3	2
4	A 3D pancreatic tumor model to study T cell infiltration. Biomaterials Science, 2021, 9, 7420-7431.	2.6	17
5	Modeling Nanocarrier Transport across a 3D In Vitro Human Bloodâ€Brainâ€“Barrier Microvasculature. Advanced Healthcare Materials, 2020, 9, e1901486.	3.9	57
6	Bloodâ€Brainâ€“Barrier Microvasculatures: Modeling Nanocarrier Transport across a 3D In Vitro Human Bloodâ€Brainâ€“Barrier Microvasculature (Adv. Healthcare Mater. 7/2020). Advanced Healthcare Materials, 2020, 9, 2070021.	3.9	2
7	Integrated in silico and 3D in vitro model of macrophage migration in response to physical and chemical factors in the tumor microenvironment. Integrative Biology (United Kingdom), 2020, 12, 90-108.	0.6	41
8	Models for Monocytic Cells in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1224, 87-115.	0.8	8
9	MicroRNA delivery through nanoparticles. Journal of Controlled Release, 2019, 313, 80-95.	4.8	235
10	Quantitative screening of the effects of hyper-osmotic stress on cancer cells cultured in 2- or 3-dimensional settings. Scientific Reports, 2019, 9, 13782.	1.6	23
11	Phthalimide Derivative Shows Anti-angiogenic Activity in a 3D Microfluidic Model and No Teratogenicity in Zebrafish Embryos. Frontiers in Pharmacology, 2019, 10, 349.	1.6	20
12	A combined microfluidic-transcriptomic approach to characterize the extravasation potential of cancer cells. Oncotarget, 2018, 9, 36110-36125.	0.8	26
13	Highly fluorescent, monolithic semiconductor nanorod clusters for ultrasensitive biodetection. Chemical Communications, 2018, 54, 11352-11355.	2.2	4
14	Studying TCR T cell anti-tumor activity in a microfluidic intrahepatic tumor model. Methods in Cell Biology, 2018, 146, 199-214.	0.5	9
15	Characterizing the Role of Monocytes in T Cell Cancer Immunotherapy Using a 3D Microfluidic Model. Frontiers in Immunology, 2018, 9, 416.	2.2	91
16	A Facile Method to Probe the Vascular Permeability of Nanoparticles in Nanomedicine Applications. Scientific Reports, 2017, 7, 707.	1.6	49
17	A 3D neurovascular microfluidic model consisting of neurons, astrocytes and cerebral endothelial cells as a bloodâ€“brain barrier. Lab on A Chip, 2017, 17, 448-459.	3.1	338
18	A 3D microfluidic model for preclinical evaluation of TCR-engineered T cells against solid tumors. JCI Insight, 2017, 2, .	2.3	169

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19	A Mini-Review on Thalidomide: Chemistry, Mechanisms of Action, Therapeutic Potential and Anti-Angiogenic Properties in Multiple Myeloma. Current Medicinal Chemistry, 2017, 24, 2736-2744.	1.2	71
20	Engineering a 3D microfluidic culture platform for tumor-treating field application. Scientific Reports, 2016, 6, 26584.	1.6	73
21	Microfluidic models for adoptive cell-mediated cancer immunotherapies. Drug Discovery Today, 2016, 21, 1472-1478.	3.2	63
22	Warburg metabolism in tumor-conditioned macrophages promotes metastasis in human pancreatic ductal adenocarcinoma. OncoImmunology, 2016, 5, e1191731.	2.1	178
23	Abstract 1578: Exploring the role of tumor-conditioned macrophage metabolism on extravasation of pancreatic ductal adenocarcinoma cells. , 2016, , .		3
24	Controlled electromechanical cell stimulation on-a-chip. Scientific Reports, 2015, 5, 11800.	1.6	97
25	Modeling the Blood-Brain Barrier in a 3D triple co-culture microfluidic system. , 2015, 2015, 338-41.		24
26	Using microfluidics to investigate tumor cell extravasation and T-cell immunotherapies. , 2015, 2015, 1853-6.		14
27	Gene Detection in Complex Biological Media Using Semiconductor Nanorods within an Integrated Microfluidic Device. Analytical Chemistry, 2015, 87, 10292-10298.	3.2	6
28	Contact-dependent carcinoma aggregate dispersion by M2a macrophages via ICAM-1 and Î²2 integrin interactions. Oncotarget, 2015, 6, 25295-25307.	0.8	97
29	The preferential targeting of the diseased microvasculature by disk-like particles. Biomaterials, 2012, 33, 5504-5513.	5.7	140
30	Rapid tumoritropic accumulation of systemically injected plateloid particles and their biodistribution. Journal of Controlled Release, 2012, 158, 148-155.	4.8	177