

Giulia Adriani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5986849/publications.pdf>

Version: 2024-02-01

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 3D neurovascular microfluidic model consisting of neurons, astrocytes and cerebral endothelial cells as a blood-brain barrier. <i>Lab on A Chip</i> , 2017, 17, 448-459.	3.1	338
2	MicroRNA delivery through nanoparticles. <i>Journal of Controlled Release</i> , 2019, 313, 80-95.	4.8	235
3	Warburg metabolism in tumor-conditioned macrophages promotes metastasis in human pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2016, 5, e1191731.	2.1	178
4	Rapid tumorigenic accumulation of systemically injected platelet-like particles and their biodistribution. <i>Journal of Controlled Release</i> , 2012, 158, 148-155.	4.8	177
5	A 3D microfluidic model for preclinical evaluation of TCR-engineered T cells against solid tumors. <i>JCI Insight</i> , 2017, 2, .	2.3	169
6	The preferential targeting of the diseased microvasculature by disk-like particles. <i>Biomaterials</i> , 2012, 33, 5504-5513.	5.7	140
7	Controlled electromechanical cell stimulation on-a-chip. <i>Scientific Reports</i> , 2015, 5, 11800.	1.6	97
8	Contact-dependent carcinoma aggregate dispersion by M2a macrophages via ICAM-1 and $\beta 2$ integrin interactions. <i>Oncotarget</i> , 2015, 6, 25295-25307.	0.8	97
9	Characterizing the Role of Monocytes in T Cell Cancer Immunotherapy Using a 3D Microfluidic Model. <i>Frontiers in Immunology</i> , 2018, 9, 416.	2.2	91
10	Engineering a 3D microfluidic culture platform for tumor-treating field application. <i>Scientific Reports</i> , 2016, 6, 26584.	1.6	73
11	A Mini-Review on Thalidomide: Chemistry, Mechanisms of Action, Therapeutic Potential and Anti-Angiogenic Properties in Multiple Myeloma. <i>Current Medicinal Chemistry</i> , 2017, 24, 2736-2744.	1.2	71
12	Microfluidic models for adoptive cell-mediated cancer immunotherapies. <i>Drug Discovery Today</i> , 2016, 21, 1472-1478.	3.2	63
13	Modeling Nanocarrier Transport across a 3D In Vitro Human Blood-Brain Barrier Microvasculature. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901486.	3.9	57
14	A Facile Method to Probe the Vascular Permeability of Nanoparticles in Nanomedicine Applications. <i>Scientific Reports</i> , 2017, 7, 707.	1.6	49
15	Integrated in silico and 3D in vitro model of macrophage migration in response to physical and chemical factors in the tumor microenvironment. <i>Integrative Biology (United Kingdom)</i> , 2020, 12, 90-108.	0.6	41
16	A combined microfluidic-transcriptomic approach to characterize the extravasation potential of cancer cells. <i>Oncotarget</i> , 2018, 9, 36110-36125.	0.8	26
17	Modeling the Blood-Brain Barrier in a 3D triple co-culture microfluidic system. , 2015, 2015, 338-41.		24
18	Quantitative screening of the effects of hyper-osmotic stress on cancer cells cultured in 2- or 3-dimensional settings. <i>Scientific Reports</i> , 2019, 9, 13782.	1.6	23

#	ARTICLE	IF	CITATIONS
19	Phthalimide Derivative Shows Anti-angiogenic Activity in a 3D Microfluidic Model and No Teratogenicity in Zebrafish Embryos. <i>Frontiers in Pharmacology</i> , 2019, 10, 349.	1.6	20
20	A 3D pancreatic tumor model to study T cell infiltration. <i>Biomaterials Science</i> , 2021, 9, 7420-7431.	2.6	17
21	Nanoparticle-Based Therapies for Turning Cold Tumors Hot: How to Treat an Immunosuppressive Tumor Microenvironment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 689245.	2.0	16
22	Using microfluidics to investigate tumor cell extravasation and T-cell immunotherapies. , 2015, 2015, 1853-6.		14
23	Studying TCR T cell anti-tumor activity in a microfluidic intrahepatic tumor model. <i>Methods in Cell Biology</i> , 2018, 146, 199-214.	0.5	9
24	Models for Monocytic Cells in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1224, 87-115.	0.8	8
25	Gene Detection in Complex Biological Media Using Semiconductor Nanorods within an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2015, 87, 10292-10298.	3.2	6
26	Highly fluorescent, monolithic semiconductor nanorod clusters for ultrasensitive biodetection. <i>Chemical Communications</i> , 2018, 54, 11352-11355.	2.2	4
27	Abstract 1578: Exploring the role of tumor-conditioned macrophage metabolism on extravasation of pancreatic ductal adenocarcinoma cells. , 2016, , .		3
28	Bloodâ€‘Brainâ€‘Barrier Microvasculatures: Modeling Nanocarrier Transport across a 3D In Vitro Human Bloodâ€‘Brainâ€‘Barrier Microvasculature (Adv. Healthcare Mater. 7/2020). <i>Advanced Healthcare Materials</i> , 2020, 9, 2070021.	3.9	2
29	<i>In vitro</i> 3D liver tumor microenvironment models for immune cell therapy optimization. <i>APL Bioengineering</i> , 2021, 5, 041502.	3.3	2
30	A Human Neurovascular Unit On-a-Chip. <i>Methods in Molecular Biology</i> , 2022, 2373, 107-119.	0.4	1