Jungho Ahn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7524618/publications.pdf

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15	958	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	1592
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Low Permeability Microfluidic Blood-Brain Barrier Platform with Direct Contact between Perfusable Vascular Network and Astrocytes. Scientific Reports, 2017, 7, 8083.	3.3	188
2	Interstitial flow regulates the angiogenic response and phenotype of endothelial cells in a 3D culture model. Lab on A Chip, 2016, 16, 4189-4199.	6.0	167
3	Microfluidics in nanoparticle drug delivery; From synthesis to pre-clinical screening. Advanced Drug Delivery Reviews, 2018, 128, 29-53.	13.7	159
4	Tumor spheroid-on-a-chip: a standardized microfluidic culture platform for investigating tumor angiogenesis. Lab on A Chip, 2019, 19, 2822-2833.	6.0	135
5	Biomimetic Model of Tumor Microenvironment on Microfluidic Platform. Advanced Healthcare Materials, 2017, 6, 1700196.	7.6	102
6	Tumor Microenvironment on a Chip: The Progress and Future Perspective. Bioengineering, 2017, 4, 64.	3.5	56
7	3D Microfluidic Bone Tumor Microenvironment Comprised of Hydroxyapatite/Fibrin Composite. Frontiers in Bioengineering and Biotechnology, 2019, 7, 168.	4.1	49
8	Investigation on vascular cytotoxicity and extravascular transport of cationic polymer nanoparticles using perfusable 3D microvessel model. Acta Biomaterialia, 2018, 76, 154-163.	8.3	26
9	Development of highly functional bioengineered human liver with perfusable vasculature. Biomaterials, 2021, 265, 120417.	11.4	24
10	Detecting the functional complexities between high-density lipoprotein mimetics. Biomaterials, 2018, 170, 58-69.	11.4	17
11	Pneumatically Actuated Microfluidic Platform for Reconstituting 3D Vascular Tissue Compression. Applied Sciences (Switzerland), 2020, 10, 2027.	2.5	12
12	Probing the Effect of Bioinspired Nanomaterials on Angiogenic Sprouting With a Microengineered Vascular System. IEEE Nanotechnology Magazine, 2018, 17, 393-397.	2.0	8
13	PDMS Sylgard 527-Based Freely Suspended Ultrathin Membranes Exhibiting Mechanistic Characteristics of Vascular Basement Membranes. ACS Applied Materials & Interfaces, 2018, 10, 40388-40400.	8.0	6
14	Polymeric Nanoparticles Controlled by Onâ€Chip Selfâ€Assembly Enhance Cancer Treatment Effectiveness. Advanced Healthcare Materials, 2020, 9, 2001633.	7.6	6
15	3D Highâ€Content Culturing and Drug Screening Platform to Study Vascularized Hepatocellular Carcinoma in Hypoxic Condition. Advanced NanoBiomed Research, 2021, 1, 2100078.	3.6	3