Joao Ribas

List of Publications by Year
in descending order

17 papers	1,896 citations	686830 13 h-index	887659 17 g-index
19 all docs	19 docs citations	19 times ranked	3752 citing authors

#	Article	IF	Citations
1	Microphysiological systems: analysis of the current status, challenges and commercial future. Microphysiological Systems, 2018, 1, 1-1.	2.0	13
2	Oxygen-Generating Photo-Cross-Linkable Hydrogels Support Cardiac Progenitor Cell Survival by Reducing Hypoxia-Induced Necrosis. ACS Biomaterials Science and Engineering, 2017, 3, 1964-1971.	2.6	82
3	Biomechanical Strain Exacerbates Inflammation on a Progeriaâ€onâ€aâ€Chip Model. Small, 2017, 13, 1603737.	5.2	75
4	Multisensor-integrated organs-on-chips platform for automated and continual in situ monitoring of organoid behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2293-E2302.	3.3	570
5	Organâ€Onâ€Aâ€Chip: Biomechanical Strain Exacerbates Inflammation on a Progeriaâ€onâ€aâ€Chip Model (Small) Tj ETQq1 1 0.784	5.2	1
6	Interplay between materials and microfluidics. Nature Reviews Materials, 2017, 2, .	23.3	236
7	Planning an innovation marathon at an infectious disease conference with results from the International Meeting on Emerging Diseases and Surveillance 2016 Hackathon. International Journal of Infectious Diseases, 2017, 65, 93-97.	1.5	17
8	A Systems Approach to Healthcare Innovation Using the MIT Hacking Medicine Model. Cell Systems, 2017, 5, 6-10.	2.9	22
9	Relationship between nanotopographical alignment and stem cell fate with live imaging and shape analysis. Scientific Reports, 2016, 6, 37909.	1.6	54
10	Application of nanoporous gold in planar and mesh forms in electrochemical superoxide biosensing. , 2016, , .		0
11	Google Glass-Directed Monitoring and Control of Microfluidic Biosensors and Actuators. Scientific Reports, 2016, 6, 22237.	1.6	34
12	Cardiovascular Organ-on-a-Chip Platforms for Drug Discovery and Development. Applied in Vitro Toxicology, 2016, 2, 82-96.	0.6	124
13	Platelet-Rich Blood Derivatives for Stem Cell-Based Tissue Engineering and Regeneration. Current Stem Cell Reports, 2016, 2, 33-42.	0.7	82
14	Elastomeric free-form blood vessels for interconnecting organs on chip systems. Lab on A Chip, 2016, 16, 1579-1586.	3.1	79
15	A cost-effective fluorescence mini-microscope for biomedical applications. Lab on A Chip, 2015, 15, 3661-3669.	3.1	86
16	Organ-on-a-chip platforms for studying drug delivery systems. Journal of Controlled Release, 2014, 190, 82-93.	4.8	308
17	Hydrogel-coated microfluidic channels for cardiomyocyte culture. Lab on A Chip, 2013, 13, 3569.	3.1	112