

Joao Ribas

List of Publications by Year in descending order

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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	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
2	Organ-on-a-chip platforms for studying drug delivery systems. Journal of Controlled Release, 2014, 190, 82-93.	4.8	308
3	Interplay between materials and microfluidics. Nature Reviews Materials, 2017, 2, .	23.3	236
4	Cardiovascular Organ-on-a-Chip Platforms for Drug Discovery and Development. Applied in Vitro Toxicology, 2016, 2, 82-96.	0.6	124
5	Hydrogel-coated microfluidic channels for cardiomyocyte culture. Lab on A Chip, 2013, 13, 3569.	3.1	112
6	A cost-effective fluorescence mini-microscope for biomedical applications. Lab on A Chip, 2015, 15, 3661-3669.	3.1	86
7	Platelet-Rich Blood Derivatives for Stem Cell-Based Tissue Engineering and Regeneration. Current Stem Cell Reports, 2016, 2, 33-42.	0.7	82
8	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
9	Elastomeric free-form blood vessels for interconnecting organs on chip systems. Lab on A Chip, 2016, 16, 1579-1586.	3.1	79
10	Biomechanical Strain Exacerbates Inflammation on a Progeria-on-a-Chip Model. Small, 2017, 13, 1603737.	5.2	75
11	Relationship between nanotopographical alignment and stem cell fate with live imaging and shape analysis. Scientific Reports, 2016, 6, 37909.	1.6	54
12	Google Glass-Directed Monitoring and Control of Microfluidic Biosensors and Actuators. Scientific Reports, 2016, 6, 22237.	1.6	34
13	A Systems Approach to Healthcare Innovation Using the MIT Hacking Medicine Model. Cell Systems, 2017, 5, 6-10.	2.9	22
14	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
15	Microphysiological systems: analysis of the current status, challenges and commercial future. Microphysiological Systems, 2018, 1, 1-1.	2.0	13
16	Organ-on-a-Chip: Biomechanical Strain Exacerbates Inflammation on a Progeria-on-a-Chip Model (Small) ETQq0100rgBT /	5.2	1
17	Application of nanoporous gold in planar and mesh forms in electrochemical superoxide biosensing. , 2016, , .		0