

Mariana Carvalho

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

317
citations

9
h-index

17
g-index

17
ext. papers

428
ext. citations

7
avg, IF

3.9
L-index

#	Paper	IF	Citations
13	Colorectal tumor-on-a-chip system: A 3D tool for precision onco-nanomedicine. <i>Science Advances</i> , 2019 , 5, eaaw1317	14.3	78
12	Evaluating Biomaterial- and Microfluidic-Based 3D Tumor Models. <i>Trends in Biotechnology</i> , 2015 , 33, 667-678	15.7	77
11	Dendrimer nanoparticles for colorectal cancer applications. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1128-1138	7.3	44
10	Anti-Cancer Drug Validation: the Contribution of Tissue Engineered Models. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 347-363	6.4	27
9	Tissue Engineering Strategies for Osteochondral Repair. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1059, 353-371	3.6	22
8	Mimicking the 3D biology of osteochondral tissue with microfluidic-based solutions: breakthroughs towards boosting drug testing and discovery. <i>Drug Discovery Today</i> , 2018 , 23, 711-718	8.8	18
7	Peptide-Modified Dendrimer Nanoparticles for Targeted Therapy of Colorectal Cancer. <i>Advanced Therapeutics</i> , 2019 , 2, 1900132	4.9	15
6	A semiautomated microfluidic platform for real-time investigation of nanoparticleshcellular uptake and cancer cellshtracking. <i>Nanomedicine</i> , 2017 , 12, 581-596	5.6	12
5	Tuning Enzymatically Crosslinked Silk Fibroin Hydrogel Properties for the Development of a Colorectal Cancer Extravasation 3D Model on a Chip. <i>Global Challenges</i> , 2018 , 2, 1700100	4.3	12
4	Biomaterials and Microfluidics for Drug Discovery and Development. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1230, 121-135	3.6	5
3	Modulation of inflammation by anti-TNF α Ab-dendrimer nanoparticles loaded in tyramine-modified gellan gum hydrogels in a cartilage-on-a-chip model. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4211-4218	7.3	4
2	Synthesis of mussel-inspired polydopamine-gallium nanoparticles for biomedical applications. <i>Nanomedicine</i> , 2021 , 16, 5-17	5.6	0
1	Dendrimers in tissue engineering 2021 , 327-336		