

Mariana Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

539
citations

933410

10
h-index

1125717

13
g-index

17
all docs

17
docs citations

17
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorectal tumor-on-a-chip system: A 3D tool for precision onco-nanomedicine. <i>Science Advances</i> , 2019, 5, eaaw1317.	10.3	143
2	Evaluating Biomaterial- and Microfluidic-Based 3D Tumor Models. <i>Trends in Biotechnology</i> , 2015, 33, 667-678.	9.3	99
3	Dendrimer nanoparticles for colorectal cancer applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1128-1138.	5.8	81
4	Anti-Cancer Drug Validation: the Contribution of Tissue Engineered Models. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 347-363.	5.6	52
5	Tissue Engineering Strategies for Osteochondral Repair. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1059, 353-371.	1.6	33
6	Peptide-Modified Dendrimer Nanoparticles for Targeted Therapy of Colorectal Cancer. <i>Advanced Therapeutics</i> , 2019, 2, 1900132.	3.2	33
7	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.	3.6	24
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.	6.4	23
9	A semiautomated microfluidic platform for real-time investigation of nanoparticles' cellular uptake and cancer cells' tracking. <i>Nanomedicine</i> , 2017, 12, 581-596.	3.3	19
10	Modulation of inflammation by anti-TNF α mAb-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.	5.8	17
11	Biomaterials and Microfluidics for Drug Discovery and Development. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1230, 121-135.	1.6	8
12	Synthesis of mussel-inspired polydopamine-gallium nanoparticles for biomedical applications. <i>Nanomedicine</i> , 2021, 16, 5-17.	3.3	1
13	Tissue engineering and regenerative medicine research - how can it contribute to fight future pandemics?. , 2020, , 389-416.		1
14	A Microfluidic Platform as An In Vitro Model for Biomedical Experimentation - A Cell Migration Study. , 2021, , .		1
15	Dendrimers in tissue engineering. , 2021, , 327-336.		0
16	IntervenÃ§Ã£o local com crianÃ§as e famÃlias face Ã pandemia COVID-19: ProChild CoLAB em GuimarÃes. , 2020, , 67-95.		0