

# Mariana Carvalho

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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