## Catarina M Abreu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Precision biomaterials in cancer theranostics and modelling. Biomaterials, 2022, 280, 121299.	11.4	26
2	Microfluidic platforms for extracellular vesicle isolation, analysis and therapy in cancer. Lab on A Chip, 2022, 22, 1093-1125.	6.0	29
3	Wet-Chemical Noncovalent Functionalization of CVD Graphene: Molecular Doping and Its Effect on Electrolyte-Gated Graphene Field-Effect Transistor Characteristics. Journal of Physical Chemistry C, 2022, 126, 4522-4533.	3.1	9
4	Forecast cancer: the importance of biomimetic 3D in vitro models in cancer drug testing/discovery and therapy. In Vitro Models, 2022, 1, 119-123.	2.0	2
5	Modulation of inflammation by anti-TNF α mAb-dendrimer nanoparticles loaded in tyramine-modified gellan gum hydrogels in a cartilage-on-a-chip model. Journal of Materials Chemistry B, 2021, 9, 4211-4218.	5.8	17
6	Influence of the Electrolyte Salt Concentration on DNA Detection with Graphene Transistors. Biosensors, 2021, 11, 24.	4.7	18
7	Tumorâ€Associated Protrusion Fluctuations as a Signature of Cancer Invasiveness. Advanced Biology, 2021, 5, e2101019.	2.5	11
8	Non-invasive molecular assessment of human embryo development and implantation potential. Biosensors and Bioelectronics, 2020, 157, 112144.	10.1	8
9	Direct monitoring of breast and endometrial cancer cell epigenetic response to DNA methyltransferase and histone deacetylase inhibitors. Biosensors and Bioelectronics, 2019, 141, 111386.	10.1	12
10	Electrochemical Immunosensor for TNFα-Mediated Inflammatory Disease Screening. ACS Chemical Neuroscience, 2019, 10, 2676-2682.	3.5	19
11	Emerging Biosensing Technologies for Neuroinflammatory and Neurodegenerative Disease Diagnostics. Frontiers in Molecular Neuroscience, 2018, 11, 164.	2.9	25
12	Quantifying protrusions as tumor-specific biophysical predictors of cancer invasion in in vitro tumor micro-spheroid models. In Vitro Models, 0, , .	2.0	0