Ana I Neto

List of Publications by Citations

15 papers	855 citations	14 h-index	15 g-index
15 ext. papers	930 ext. citations	9.6 avg, IF	3.87 L-index

#	Paper	IF	Citations
15	Nanostructured polymeric coatings based on chitosan and dopamine-modified hyaluronic acid for biomedical applications. *Small*, **2014**, 10, 2459-69	11	131
14	Two-Dimensional Open Microfluidic Devices by Tuning the Wettability on Patterned Superhydrophobic Polymeric Surface. *Applied Physics Express*, **2010**, 3, 085205	2.4	100
13	High-throughput evaluation of interactions between biomaterials, proteins and cells using patterned superhydrophobic substrates. *Soft Matter*, **2011**, 7, 4147	3.6	96
12	Superhydrophobic chips for cell spheroids high-throughput generation and drug screening. *ACS Applied Materials & Interfaces*, **2014**, 6, 9488-95	9.5	84
11	Adhesive nanostructured multilayer films using a bacterial exopolysaccharide for biomedical applications. *Journal of Materials Chemistry B*, **2013**, 1, 2367-2374	7.3	63
10	Fabrication of Hydrogel Particles of Defined Shapes Using Superhydrophobic-Hydrophilic Micropatterns. *Advanced Materials*, **2016**, 28, 7613-9	24	63
9	A novel hanging spherical drop system for the generation of cellular spheroids and high throughput combinatorial drug screening. *Biomaterials Science*, **2015**, 3, 581-5	7.4	58
8	Biomimetic Miniaturized Platform Able to Sustain Arrays of Liquid Droplets for High-Throughput Combinatorial Tests. *Advanced Functional Materials*, **2014**, 24, 5096-5103	15.6	50
7	Nanostructured hollow tubes based on chitosan and alginate multilayers. *Advanced Healthcare Materials*, **2014**, 3, 433-40	10.1	46
6	High-Throughput Topographic, Mechanical, and Biological Screening of Multilayer Films Containing Mussel-Inspired Biopolymers. *Advanced Functional Materials*, **2016**, 26, 2745-2755	15.6	43
5	Bioinspired multilayer membranes as potential adhesive patches for skin wound healing. *Biomaterials Science*, **2018**, 6, 1962-1975	7.4	38
4	Combining biomimetic principles from the lotus leaf and mussel adhesive: polystyrene films with superhydrophobic and adhesive layers. *RSC Advances*, **2013**, 3, 9352	3.7	31
3	Wettable arrays onto superhydrophobic surfaces for bioactivity testing of inorganic nanoparticles. *Materials Letters*, **2011**, 65, 296-299	3.3	28
2	In vivo high-content evaluation of three-dimensional scaffolds biocompatibility. *Tissue Engineering - Part C: Methods*, **2014**, 20, 851-64	2.9	23
1	3D Cell Culture: Fabrication of Hydrogel Particles of Defined Shapes Using Superhydrophobic-Hydrophilic Micropatterns (Adv. Mater. 35/2016). *Advanced Materials*, **2016**, 28, 7552-7552	24	1