Sara Amorim

List of Publications by Citations

19 papers	305 citations	8 h-index	17 g-index
21 ext. papers	394 ext. citations	7 avg, IF	3.8 L-index

#	Paper	IF	Citations
19	Bacteria-responsive multilayer coatings comprising polycationic nanospheres for bacteria biofilm prevention on urinary catheters. *Acta Biomaterialia*, **2016**, 33, 203-12	10.8	61
18	Surface modification of a polyethersulfone microfiltration membrane with graphene oxide for reactive dyes removal. *Applied Surface Science*, **2019**, 486, 499-507	6.7	41
17	Hyaluronic acid/poly-l-lysine bilayered silica nanoparticles enhance the osteogenic differentiation of human mesenchymal stem cells. *Journal of Materials Chemistry B*, **2014**, 2, 6939-6946	7.3	36
16	Extracellular Matrix Mimics Using Hyaluronan-Based Biomaterials. *Trends in Biotechnology*, **2021**, 39, 90-104	15.1	34
15	Molecular weight of surface immobilized hyaluronic acid influences CD44-mediated binding of gastric cancer cells. *Scientific Reports*, **2018**, 8, 16058	4.9	33
14	Interactions between exogenous FGF-2 and sulfonic groups: in situ characterization and impact on the morphology of human adipose-derived stem cells. *Langmuir*, **2013**, 29, 7983-92	4	25
13	Tunable layer-by-layer films containing hyaluronic acid and their interactions with CD44. *Journal of Materials Chemistry B*, **2020**, 8, 3880-3885	7.3	17
12	Fish sarcoplasmic proteins as a high value marine material for wound dressing applications. *Colloids and Surfaces B: Biointerfaces*, **2018**, 167, 310-317	6	10
11	The functionalization of natural polymer-coated gold nanoparticles to carry bFGF to promote tissue regeneration. *Journal of Materials Chemistry B*, **2018**, 6, 2104-2115	7.3	8
10	3D hydrogel mimics of the tumor microenvironment: the interplay among hyaluronic acid, stem cells and cancer cells. *Biomaterials Science*, **2021**, 9, 252-260	7.4	8
9	Tubular Fibrous Scaffolds Functionalized with Tropoelastin as a Small-Diameter Vascular Graft. *Biomacromolecules*, **2020**, 21, 3582-3595	6.9	6
8	Surfaces Mimicking Glycosaminoglycans Trigger Different Response of Stem Cells via Distinct Fibronectin Adsorption and Reorganization. *ACS Applied Materials & Interfaces*, **2016**, 8, 28428-28436	9.5	6
7	Nanocomposites of poly(□caprolactone) doped with titanium species. *Journal of Materials Science*, **2013**, 48, 3578-3585	4.3	5
6	Hyaluronic Acid of Low Molecular Weight Triggers the Invasive "Hummingbird" Phenotype on Gastric Cancer Cells. *Advanced Biology*, **2020**, 4, e2000122	3.5	5
5	Multilayer platform to model the bioactivity of hyaluronic acid in gastric cancer. *Materials Science and Engineering C*, **2021**, 119, 111616	8.3	4
4	Fibronectin-Functionalized Fibrous Meshes as a Substrate to Support Cultures of Thymic Epithelial Cells. *Biomacromolecules*, **2020**, 21, 4771-4780	6.9	3
3	Hyaluronic acid hydrogels reinforced with laser spun bioactive glass micro- and nanofibres doped with lithium. *Materials Science and Engineering C*, **2021**, 126, 112124	8.3	3

List of Publications

2 Forecast cancer: the importance of biomimetic 3D in vitro models in cancer drug testing/discovery and therapy. *In Vitro Models*,1

1 Hyaluronan-Based Hydrogels as Modulators of Cellular Behavior **2022**, 217-232