

Sara Amorim

List of Publications by Year in Descending Order

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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.

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	Hyaluronan-Based Hydrogels as Modulators of Cellular Behavior 2022 , 217-232		
18	Extracellular Matrix Mimics Using Hyaluronan-Based Biomaterials. <i>Trends in Biotechnology</i> , 2021 , 39, 90-104	15.1	34
17	3D hydrogel mimics of the tumor microenvironment: the interplay among hyaluronic acid, stem cells and cancer cells. <i>Biomaterials Science</i> , 2021 , 9, 252-260	7.4	8
16	Multilayer platform to model the bioactivity of hyaluronic acid in gastric cancer. <i>Materials Science and Engineering C</i> , 2021 , 119, 111616	8.3	4
15	Hyaluronic acid hydrogels reinforced with laser spun bioactive glass micro- and nanofibres doped with lithium. <i>Materials Science and Engineering C</i> , 2021 , 126, 112124	8.3	3
14	Tunable layer-by-layer films containing hyaluronic acid and their interactions with CD44. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3880-3885	7.3	17
13	Hyaluronic Acid of Low Molecular Weight Triggers the Invasive "Hummingbird" Phenotype on Gastric Cancer Cells. <i>Advanced Biology</i> , 2020 , 4, e2000122	3.5	5
12	Tubular Fibrous Scaffolds Functionalized with Tropoelastin as a Small-Diameter Vascular Graft. <i>Biomacromolecules</i> , 2020 , 21, 3582-3595	6.9	6
11	Fibronectin-Functionalized Fibrous Meshes as a Substrate to Support Cultures of Thymic Epithelial Cells. <i>Biomacromolecules</i> , 2020 , 21, 4771-4780	6.9	3
10	Surface modification of a polyethersulfone microfiltration membrane with graphene oxide for reactive dyes removal. <i>Applied Surface Science</i> , 2019 , 486, 499-507	6.7	41
9	Fish sarcoplasmic proteins as a high value marine material for wound dressing applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 167, 310-317	6	10
8	The functionalization of natural polymer-coated gold nanoparticles to carry bFGF to promote tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2104-2115	7.3	8
7	Molecular weight of surface immobilized hyaluronic acid influences CD44-mediated binding of gastric cancer cells. <i>Scientific Reports</i> , 2018 , 8, 16058	4.9	33
6	Bacteria-responsive multilayer coatings comprising polycationic nanospheres for bacteria biofilm prevention on urinary catheters. <i>Acta Biomaterialia</i> , 2016 , 33, 203-12	10.8	61
5	Surfaces Mimicking Glycosaminoglycans Trigger Different Response of Stem Cells via Distinct Fibronectin Adsorption and Reorganization. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28428-28436	9.5	6
4	Hyaluronic acid/poly-L-lysine bilayered silica nanoparticles enhance the osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6939-6946	7.3	36
3	Nanocomposites of poly(ϵ -caprolactone) doped with titanium species. <i>Journal of Materials Science</i> , 2013 , 48, 3578-3585	4.3	5

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