

Raquel Silva

List of Publications by Year in descending order

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22
papers

1,486
citations

430442

18
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

2549
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidized alginate hydrogels with the GHK peptide enhance cord blood mesenchymal stem cell osteogenesis: A paradigm for metabolomics-based evaluation of biomaterial design. <i>Acta Biomaterialia</i> , 2019, 88, 224-240.	4.1	55
2	Hydrogel matrices based on elastin and alginate for tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 614-625.	3.6	45
3	Zein-based composites in biomedical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1656-1665.	2.1	69
4	Sonosynthesis of Vaterite-Type Calcium Carbonate. <i>Crystal Growth and Design</i> , 2017, 17, 2351-2356.	1.4	31
5	Evaluation of hydrogel matrices for vessel bioplotting: Vascular cell growth and viability. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 577-585.	2.1	25
6	Soft-matrices based on silk fibroin and alginate for tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1420-1431.	3.6	35
7	Bioplotting of a bioactive alginate dialdehyde-gelatin composite hydrogel containing bioactive glass nanoparticles. <i>Biofabrication</i> , 2016, 8, 035005.	3.7	86
8	A biologically active delivery material with dried-rehydrated vesicles containing the anti-inflammatory diclofenac for potential wound healing. <i>Journal of Liposome Research</i> , 2016, 26, 269-275.	1.5	8
9	Alginate-based hydrogels with improved adhesive properties for cell encapsulation. <i>International Journal of Biological Macromolecules</i> , 2015, 78, 72-78.	3.6	118
10	Evaluation of Fibroblasts Adhesion and Proliferation on Alginate-Gelatin Crosslinked Hydrogel. <i>PLoS ONE</i> , 2014, 9, e107952.	1.1	201
11	Fibrous protein-based hydrogels for cell encapsulation. <i>Biomaterials</i> , 2014, 35, 6727-6738.	5.7	136
12	Hybrid hydrogels based on keratin and alginate for tissue engineering. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5441-5451.	2.9	60
13	Fabrication of alginate-gelatin crosslinked hydrogel microcapsules and evaluation of the microstructure and physico-chemical properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1470.	2.9	336
14	Functionalization of gauzes with liposomes entrapping an anti-inflammatory drug: A strategy to improve wound healing. <i>Reactive and Functional Polymers</i> , 2013, 73, 1328-1334.	2.0	26
15	Wound-healing evaluation of entrapped active agents into protein microspheres over cellulosic gauzes. <i>Biotechnology Journal</i> , 2012, 7, 1376-1385.	1.8	11
16	Protein disulphide isomerase-induced refolding of sonochemically prepared Ribonuclease A microspheres. <i>Journal of Biotechnology</i> , 2012, 159, 78-82.	1.9	3
17	Insights on the Mechanism of Formation of Protein Microspheres in a Biphasic System. <i>Molecular Pharmaceutics</i> , 2012, 9, 3079-3088.	2.3	40
18	Sonochemical Proteinaceous Microspheres for Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2012, 733, 155-164.	0.8	10

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19	Protein microspheres as suitable devices for piroxicam release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 277-285.	2.5	30
20	Sonoproduction of Liposomes and Protein Particles as Templates for Delivery Purposes. <i>Biomacromolecules</i> , 2011, 12, 3353-3368.	2.6	46
21	Effect of ultrasound parameters for unilamellar liposome preparation. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 628-632.	3.8	91
22	Incorporation of peptides in phospholipid aggregates using ultrasound. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 1026-1032.	3.8	24