

Cristiana Goncalves

List of Publications by Citations

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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.

35
papers

670
citations

15
h-index

25
g-index

37
ext. papers

797
ext. citations

4.6
avg, IF

3.95
L-index

#	Paper	IF	Citations
35	Adaptation of dinitrosalicylic acid method to microtiter plates. <i>Analytical Methods</i> , 2010 , 2, 2046	3.2	91
34	Biological treatment of olive mill wastewater by non-conventional yeasts. <i>Bioresource Technology</i> , 2009 , 100, 3759-63	11	86
33	Management of knee osteoarthritis. Current status and future trends. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 717-739	4.9	53
32	Yarrowia lipolytica lipase production enhanced by increased air pressure. <i>Letters in Applied Microbiology</i> , 2008 , 46, 255-60	2.9	42
31	Engineering nanoparticles for targeting rheumatoid arthritis: Past, present, and future trends. <i>Nano Research</i> , 2018 , 11, 4489-4506	10	39
30	Lipase production by <i>Aspergillus ibericus</i> using olive mill wastewater. <i>Bioprocess and Biosystems Engineering</i> , 2013 , 36, 285-91	3.7	39
29	Yarrowia lipolytica growth under increased air pressure: influence on enzyme production. <i>Applied Biochemistry and Biotechnology</i> , 2009 , 159, 46-53	3.2	38
28	Rapidly responsive silk fibroin hydrogels as an artificial matrix for the programmed tumor cells death. <i>PLoS ONE</i> , 2018 , 13, e0194441	3.7	37
27	The use of olive mill wastewater by wild type <i>Yarrowia lipolytica</i> strains: medium supplementation and surfactant presence effect. <i>Journal of Chemical Technology and Biotechnology</i> , 2009 , 84, 533-537	3.5	34
26	Optimization of a colorimetric assay for yeast lipase activity in complex systems. <i>Analytical Methods</i> , 2011 , 3, 1008	3.2	30
25	Fish canning wastewater treatment by activated sludge: Application of factorial design optimization. <i>Water Resources and Industry</i> , 2015 , 10, 29-38	4.5	18
24	Biological performance of a promising Kefiran-biopolymer with potential in regenerative medicine applications: a comparative study with hyaluronic acid. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 124	4.5	18
23	Kefiran biopolymer: Evaluation of its physicochemical and biological properties. <i>Journal of Bioactive and Compatible Polymers</i> , 2018 , 33, 461-478	2	17
22	New dextrin nanomagnetogels as contrast agents for magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5853-5864	7.3	16
21	Kefiran cryogels as potential scaffolds for drug delivery and tissue engineering applications. <i>Materials Today Communications</i> , 2019 , 20, 100554	2.5	15
20	Chemical oxidation of fish canning wastewater by Fenton's reagent. <i>Journal of Environmental Chemical Engineering</i> , 2014 , 2, 2372-2376	6.8	13
19	Fed-batch fermentation of olive mill wastewaters for lipase production. <i>Journal of Chemical Technology and Biotechnology</i> , 2012 , 87, 1215-1218	3.5	12

18	Studies on the biodistribution of dextrin nanoparticles. <i>Nanotechnology</i> , 2010 , 21, 295103	3.4	9
17	Enzymatically crosslinked tyramine-gellan gum hydrogels as drug delivery system for rheumatoid arthritis treatment. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1288-1300	6.2	9
16	Anti-Inflammatory Properties of Injectable Betamethasone-Loaded Tyramine-Modified Gellan Gum/Silk Fibroin Hydrogels. <i>Biomolecules</i> , 2020 , 10,	5.9	8
15	PAMAM dendrimers functionalised with an anti-TNF antibody and chondroitin sulphate for treatment of rheumatoid arthritis. <i>Materials Science and Engineering C</i> , 2021 , 121, 111845	8.3	8
14	Innovative methodology for marine collagen-chitosan-ucoidan hydrogels production, tailoring rheological properties towards biomedical application. <i>Green Chemistry</i> , 2021 , 23, 7016-7029	10	7
13	Ionic Liquid-Mediated Processing of SAIB-Chitin Scaffolds. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3986-3994	8.3	6
12	Promising Biomolecules. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1059, 189-205	3.6	6
11	Porous aligned ZnSr-doped β -TCP/silk fibroin scaffolds using ice-templating method for bone tissue engineering applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 1966-1982	3.5	4
10	Synthesis and Characterization of Biocompatible Methacrylated Kefiran Hydrogels: Towards Tissue Engineering Applications. <i>Polymers</i> , 2021 , 13,	4.5	3
9	OLIVE MILL WASTEWATER AS A RENEWABLE RESOURCE. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 319-325	0.6	2
8	A Design of Experiments (DoE) Approach to Optimize Cryogel Manufacturing for Tissue Engineering Applications. <i>Polymers</i> , 2022 , 14, 2026	4.5	2
7	Synovial Knee Joint. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2017 , 21-28	0.5	1
6	Setting the maximum import net transfer capacity under extreme RES integration scenarios 2016 ,		1
5	Fabrication of biocompatible porous SAIB/silk fibroin scaffolds using ionic liquids. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 6582-6591	7.8	1
4	Advances in Biomaterials for the Treatment of Articular Cartilage Defects. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2017 , 97-126	0.5	
3	Glycosaminoglycans 2021 , 1-18		
2	Glycosaminoglycans 2022 , 167-184		
1	Engineering of Viscosupplement Biomaterials for Treatment of Osteoarthritis: A Comprehensive Review. <i>Advanced Engineering Materials</i> , 2101541	3.5	

