Silgia Aparecida da Costa

List of Publications by Year
in descending order

24 papers	1,556 citations	471509 17 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	2156 citing authors

#	Article	IF	Citations
1	Copaifera langsdorffiiDesf. bark extract: optimisation of dyeing conditions to wool and colour fastness properties. Natural Product Research, 2022, 36, 3744-3749.	1.8	4
2	Physicochemical and Biological Properties of A Biostimulating Membrane (BBio) for Pulp Capping. Materials Letters, 2021, , 131186.	2.6	0
3	Natural dye from Croton urucurana Baill. bark: Extraction, physicochemical characterization, textile dyeing and color fastness properties. Dyes and Pigments, 2020, 173, 107953.	3.7	62
4	Bromelain immobilization in cellulose triacetate nanofiber membranes from sugarcane bagasse by electrospinning technique. Enzyme and Microbial Technology, 2020, 132, 109384.	3.2	33
5	Pulp repair response after the use of a dentin-pulp biostimulation membrane (BBio) in primary teeth: study protocol for a randomized clinical trial. Trials, 2020, 21, 874.	1.6	6
6	Development of natural polymeric microcapsules for antimicrobial drug delivery: triclosan loaded chitosan and alginate-based microcapsules. Drug Development and Industrial Pharmacy, 2020, 46, 1477-1486.	2.0	0
7	Blocking erythemally weighted UV radiation using cotton fabrics functionalized with ZnO nanoparticles in situ. Applied Surface Science, 2019, 469, 204-212.	6.1	34
8	In Vitro Antimicrobial Effect of Bioadhesive Oral Membrane with Chlorhexidine Gel. Brazilian Dental Journal, 2018, 29, 354-358.	1.1	7
9	Biophysical and biological characterization of intraoral multilayer membranes as potential carriers: A new drug delivery system for dentistry. Materials Science and Engineering C, 2017, 71, 498-503.	7.3	9
10	Fibers Obtained from Alginate, Chitosan and Hybrid Used in the Development of Scaffolds. Materials Research, 2017, 20, 377-386.	1.3	34
11	Polypropylene Composites Reinforced with Biodegraded Sugarcane Bagasse Fibers: Static and Dynamic Mechanical Properties. Materials Research, 2016, 19, 75-83.	1.3	13
12	Use of sugar cane straw as a source of cellulose for textile fiber production. Industrial Crops and Products, 2013, 42, 189-194.	5.2	70
13	Novel hydroxyapatite/carboxymethylchitosan composite scaffolds prepared through an innovative â€œautocatalyticâ€•electroless coprecipitation route. Journal of Biomedical Materials Research - Part A, 2009, 88A, 470-480.	4.0	45
14	Nucleation and growth of biomimetic apatite layers on 3D plotted biodegradable polymeric scaffolds: Effect of static and dynamic coating conditions. Acta Biomaterialia, 2009, 5, 1626-1638.	8.3	53
15	Surface Engineered Carboxymethylchitosan/Poly(amidoamine) Dendrimer Nanoparticles for Intracellular Targeting. Advanced Functional Materials, 2008, 18, 1840-1853.	14.9	56
16	Micro-computed tomography (Î¼ -CT) as a potential tool to assess the effect of dynamic coating routes on the formation of biomimetic apatite layers on 3D-plotted biodegradable polymeric scaffolds. Journal of Materials Science: Materials in Medicine, 2007, 18, 211-223.	3.6	43
17	Immobilisation of catalase on the surface of biodegradable starch-based polymers as a way to change its surface characteristics. Journal of Materials Science: Materials in Medicine, 2004, 15, 335-342.	3.6	22
18	Hydrogen peroxide generation with immobilized glucose oxidase for textile bleaching. Journal of Biotechnology, 2002, 93, 87-94.	3.8	124

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19	Studies of stabilization of native catalase using additives. Enzyme and Microbial Technology, 2002, 30, 387-391.	3.2	79
20	Recycling of textile bleaching effluents for dyeing using immobilized catalase. Biotechnology Letters, 2002, 24, 173-176.	2.2	31
21	Thermo-alkali-stable catalases from newly isolated Bacillus sp. for the treatment and recycling of textile bleaching effluents. Journal of Biotechnology, 2001, 89, 147-153.	3.8	64
22	Immobilization of catalases from Bacillus SF on alumina for the treatment of textile bleaching effluents. Enzyme and Microbial Technology, 2001, 28, 815-819.	3.2	105
23	Partitioning of xylanolitic complex from Penicillium janthinellum by an aqueous two-phase system. Biomedical Applications, 2000, 743, 339-348.	1.7	18
24	Decolorization and Detoxification of Textile Dyes with a Laccase from Trametes hirsuta. Applied and Environmental Microbiology, 2000, 66, 3357-3362.	3.1	644