Idalina GonÃ§alves

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8185494/publications.pdf

Version: 2024-02-01

22 papers	414 citations	759233 12 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	491 citing authors

#	ARTICLE	IF	CITATIONS
1	Locust bean millingâ€derived dust as a raw material for the development of biodegradable bioplastics with antioxidant activity. Journal of the Science of Food and Agriculture, 2023, 103, 1088-1096.	3.5	2
2	Reprocessability of PLA through Chain Extension for Fused Filament Fabrication. Journal of Manufacturing and Materials Processing, 2022, 6, 26.	2.2	11
3	Influence of UV degradation of bioplastics on the amplification of mercury bioavailability in aquatic environments. Marine Pollution Bulletin, 2022, 180, 113806.	5.0	2
4	Relevance of genipin networking on rheological, physical, and mechanical properties of starch-based formulations. Carbohydrate Polymers, 2021, 254, 117236.	10.2	12
5	Coffee By-Products and Their Suitability for Developing Active Food Packaging Materials. Foods, 2021, 10, 683.	4.3	35
6	The Role of Porphyrinoid Photosensitizers for Skin Wound Healing. International Journal of Molecular Sciences, 2021, 22, 4121.	4.1	32
7	Potato peel phenolics as additives for developing active starch-based films with potential to pack smoked fish fillets. Food Packaging and Shelf Life, 2021, 28, 100644.	7.5	36
8	Effect of Continuous and Discontinuous Microwave-Assisted Heating on Starch-Derived Dietary Fiber Production. Molecules, 2021, 26, 5619.	3.8	7
9	An Insight into the Role of Non-Porphyrinoid Photosensitizers for Skin Wound Healing. International Journal of Molecular Sciences, 2021, 22, 234.	4.1	11
10	Hydrophobic Starch-Based Films Using Potato Washing Slurries and Spent Frying Oil. Foods, 2021, 10, 2897.	4.3	10
11	Coffee silverskin and starch-rich potato washing slurries as raw materials for elastic, antioxidant, and UV-protective biobased films. Food Research International, 2020, 138, 109733.	6.2	18
12	Graphene Derivatives in Biopolymer-Based Composites for Food Packaging Applications. Nanomaterials, 2020, 10, 2077.	4.1	31
13	Tailoring the surface properties and flexibility of starch-based films using oil and waxes recovered from potato chips byproducts. International Journal of Biological Macromolecules, 2020, 163, 251-259.	7.5	26
14	Feasibility of chitosan crosslinked with genipin as biocoating for cellulose-based materials. Carbohydrate Polymers, 2020, 242, 116429.	10.2	18
15	CotA laccase-ABTS/hydrogen peroxide system: An efficient approach to produce active and decolorized chitosan-genipin films. Carbohydrate Polymers, 2017, 175, 628-635.	10.2	13
16	Antimicrobial lubricant formulations containing poly(hydroxybenzene)-trimethoprim conjugates synthesized by tyrosinase. Applied Microbiology and Biotechnology, 2015, 99, 4225-4235.	3.6	0
17	Enzymatic synthesis of poly(catechin)-antibiotic conjugates: an antimicrobial approach for indwelling catheters. Applied Microbiology and Biotechnology, 2015, 99, 637-651.	3.6	16
18	Ultrasound enhanced laccase applications. Green Chemistry, 2015, 17, 1362-1374.	9.0	52

#	Article	IF	Citations
19	Laccase coating of catheters with poly(catechin) for biofilm reduction. Biocatalysis and Biotransformation, 2014, 32, 2-12.	2.0	12
20	Sonochemical and hydrodynamic cavitation reactors for laccase/hydrogen peroxide cotton bleaching. Ultrasonics Sonochemistry, 2014, 21, 774-781.	8.2	31
21	Ultrasonic pilot-scale reactor for enzymatic bleaching of cotton fabrics. Ultrasonics Sonochemistry, 2014, 21, 1535-1543.	8.2	38
22	Decolourization of paprika dye effluent with hydrogen peroxide produced by glucose oxidase. Biocatalysis and Biotransformation, 2012, 30, 255-259.	2.0	1