

# Idalina Gonçalves

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

414  
citations

758635

12  
h-index

752256

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. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 1088-1096.	1.7	2
2	Reprocessability of PLA through Chain Extension for Fused Filament Fabrication. <i>Journal of Manufacturing and Materials Processing</i> , 2022, 6, 26.	1.0	11
3	Influence of UV degradation of bioplastics on the amplification of mercury bioavailability in aquatic environments. <i>Marine Pollution Bulletin</i> , 2022, 180, 113806.	2.3	2
4	Relevance of genipin networking on rheological, physical, and mechanical properties of starch-based formulations. <i>Carbohydrate Polymers</i> , 2021, 254, 117236.	5.1	12
5	Coffee By-Products and Their Suitability for Developing Active Food Packaging Materials. <i>Foods</i> , 2021, 10, 683.	1.9	35
6	The Role of Porphyrinoid Photosensitizers for Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4121.	1.8	32
7	Potato peel phenolics as additives for developing active starch-based films with potential to pack smoked fish fillets. <i>Food Packaging and Shelf Life</i> , 2021, 28, 100644.	3.3	36
8	Effect of Continuous and Discontinuous Microwave-Assisted Heating on Starch-Derived Dietary Fiber Production. <i>Molecules</i> , 2021, 26, 5619.	1.7	7
9	An Insight into the Role of Non-Porphyrinoid Photosensitizers for Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 234.	1.8	11
10	Hydrophobic Starch-Based Films Using Potato Washing Slurries and Spent Frying Oil. <i>Foods</i> , 2021, 10, 2897.	1.9	10
11	Coffee silverskin and starch-rich potato washing slurries as raw materials for elastic, antioxidant, and UV-protective biobased films. <i>Food Research International</i> , 2020, 138, 109733.	2.9	18
12	Graphene Derivatives in Biopolymer-Based Composites for Food Packaging Applications. <i>Nanomaterials</i> , 2020, 10, 2077.	1.9	31
13	Tailoring the surface properties and flexibility of starch-based films using oil and waxes recovered from potato chips byproducts. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 251-259.	3.6	26
14	Feasibility of chitosan crosslinked with genipin as biocoating for cellulose-based materials. <i>Carbohydrate Polymers</i> , 2020, 242, 116429.	5.1	18
15	CotA laccase-ABTS/hydrogen peroxide system: An efficient approach to produce active and decolorized chitosan-genipin films. <i>Carbohydrate Polymers</i> , 2017, 175, 628-635.	5.1	13
16	Antimicrobial lubricant formulations containing poly(hydroxybenzene)-trimethoprim conjugates synthesized by tyrosinase. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4225-4235.	1.7	0
17	Enzymatic synthesis of poly(catechin)-antibiotic conjugates: an antimicrobial approach for indwelling catheters. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 637-651.	1.7	16
18	Ultrasound enhanced laccase applications. <i>Green Chemistry</i> , 2015, 17, 1362-1374.	4.6	52

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19	Laccase coating of catheters with poly(catechin) for biofilm reduction. <i>Biocatalysis and Biotransformation</i> , 2014, 32, 2-12.	1.1	12
20	Sonochemical and hydrodynamic cavitation reactors for laccase/hydrogen peroxide cotton bleaching. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 774-781.	3.8	31
21	Ultrasonic pilot-scale reactor for enzymatic bleaching of cotton fabrics. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1535-1543.	3.8	38
22	Decolourization of paprika dye effluent with hydrogen peroxide produced by glucose oxidase. <i>Biocatalysis and Biotransformation</i> , 2012, 30, 255-259.	1.1	1