

Hajer Aloui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3809735/publications.pdf>

Version: 2024-02-01

20
papers

1,019
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of the combined application of chitosan and Locust Bean Gum with different citrus essential oils to control postharvest spoilage caused by <i>Aspergillus flavus</i> in dates. <i>International Journal of Food Microbiology</i> , 2014, 170, 21-28.	4.7	128
2	Natural Antimicrobial Edible Coatings for Microbial Safety and Food Quality Enhancement. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016, 15, 1080-1103.	11.7	126
3	Chitosan-caseinate bilayer coatings for paper packaging materials. <i>Carbohydrate Polymers</i> , 2014, 99, 508-516.	10.2	125
4	Synergistic Effect of Halloysite and Cellulose Nanocrystals on the Functional Properties of PVA Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 794-800.	6.7	120
5	Physical properties and antifungal activity of bioactive films containing <i>Wickerhamomyces anomalus</i> killer yeast and their application for preservation of oranges and control of postharvest green mold caused by <i>Penicillium digitatum</i> . <i>International Journal of Food Microbiology</i> , 2015, 200, 22-30.	4.7	98
6	Alginate coatings containing grapefruit essential oil or grapefruit seed extract for grapes preservation. <i>International Journal of Food Science and Technology</i> , 2014, 49, 952-959.	2.7	90
7	Novel composite films based on sodium alginate and gallnut extract with enhanced antioxidant, antimicrobial, barrier and mechanical properties. <i>Food Hydrocolloids</i> , 2021, 113, 106508.	10.7	80
8	Biodegradable films based on chitosan and defatted <i>Chlorella</i> biomass: Functional and physical characterization. <i>Food Chemistry</i> , 2021, 337, 127777.	8.2	45
9	Development and characterization of novel composite glycerol-plasticized films based on sodium caseinate and lipid fraction of tomato pomace by-product. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 128-138.	7.5	33
10	Effect of chitosan-based coatings enriched with savory and/or tarragon essential oils on postharvest maintenance of kumquat (<i>Fortunella</i> sp.) fruit. <i>Food Science and Nutrition</i> , 2019, 7, 155-162.	3.4	32
11	Defatted <i>Chlorella</i> biomass as a renewable carbon source for polyhydroxyalkanoates and carotenoids co-production. <i>Algal Research</i> , 2020, 51, 102068.	4.6	26
12	Effects of coating weight and nanoclay content on functional and physical properties of bionanocomposite-coated paper. <i>Cellulose</i> , 2017, 24, 4493-4507.	4.9	24
13	Biosynthesis of Polyhydroxyalkanoates from Defatted <i>Chlorella</i> Biomass as an Inexpensive Substrate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1094.	2.5	17
14	High cell density culture of <i>Paracoccus</i> sp. LL1 in membrane bioreactor for enhanced co-production of polyhydroxyalkanoates and astaxanthin. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 289-297.	7.5	17
15	Production of polyhydroxyalkanoates and carotenoids through cultivation of different bacterial strains using brown algae hydrolysate as a carbon source. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 30, 101852.	3.1	16
16	Development of a novel composite film based on polyurethane and defatted <i>Chlorella</i> biomass: Physical and functional characterization. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50152.	2.6	12
17	Biodegradable Polyurethanes Based on Castor Oil and Poly (3-hydroxybutyrate). <i>Polymers</i> , 2021, 13, 1387.	4.5	11
18	Enhanced co-production of medium-chain-length polyhydroxyalkanoates and phenazines from crude glycerol by high cell density cultivation of <i>Pseudomonas chlororaphis</i> in membrane bioreactor. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 545-555.	7.5	9

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19	Bioactive Coatings Enriched with Cuticle Components from Tomato Wastes for Cherry Tomatoes Preservation. <i>Waste and Biomass Valorization</i> , 2021, 12, 6155-6163.	3.4	8
20	Functional property optimization of sodium caseinate-based films incorporating functional compounds from date seed co-products using response surface methodology. <i>RSC Advances</i> , 2022, 12, 15822-15833.	3.6	2