

Ana Oberlintner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2125538/publications.pdf>

Version: 2024-02-01

10
papers

256
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural plant extracts as active components in chitosan-based films: A comparative study. <i>Food Packaging and Shelf Life</i> , 2019, 21, 100365.	3.3	50
2	Functional Nanocellulose, Alginate and Chitosan Nanocomposites Designed as Active Film Packaging Materials. <i>Polymers</i> , 2021, 13, 2523.	2.0	47
3	Biodegradability study of active chitosan biopolymer films enriched with Quercus polyphenol extract in different soil types. <i>Environmental Technology and Innovation</i> , 2021, 21, 101318.	3.0	40
4	Lignocellulosic Corn Stover Biomass Pre-Treatment by Deep Eutectic Solvents (DES) for Biomethane Production Process by Bioresource Anaerobic Digestion. <i>Sustainability</i> , 2021, 13, 10504.	1.6	28
5	Hydrophilic to hydrophobic: Ultrafast conversion of cellulose nanofibrils by cold plasma fluorination. <i>Applied Surface Science</i> , 2022, 581, 152276.	3.1	24
6	Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 971-978.	3.6	23
7	Hydrophobic functionalization reactions of structured cellulose nanomaterials: Mechanisms, kinetics and in silico multi-scale models. <i>Carbohydrate Polymers</i> , 2021, 259, 117742.	5.1	21
8	From waste/residual marine biomass to active biopolymer-based packaging film materials for food industry applications – a review. <i>Physical Sciences Reviews</i> , 2020, 5, .	0.8	11
9	Permanent hydrophobic coating of chitosan/cellulose nanocrystals composite film by cold plasma processing. <i>Applied Surface Science</i> , 2022, 597, 153562.	3.1	9
10	Antioxidant and Antimicrobial Biofilm Based on Chitosan and Japanese Knotweed (<i>Fallopia japonica</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	3