

Characterization of silver nanoparticles loaded chitosan films for food packaging

Food Hydrocolloids

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Production, characterization, and antimicrobial activity of almond gum/polyvinyl alcohol/chitosan composite films containing thyme essential oil nanoemulsion for extending the shelf-life of chicken breast fillets. <i>International Journal of Biological Macromolecules</i> , 2023, 227, 405-415.	7.5	17
2	Effect of Kaolin clay and <i>Ficus carica</i> mediated silver nanoparticles on chitosan food packaging film for fresh apple slice preservation. <i>Food Chemistry</i> , 2023, 410, 135470.	8.2	23
3	Elaboration and general evaluation of chitosan-based films containing terpene alcohols-rich essential oils. <i>World Journal of Microbiology and Biotechnology</i> , 2023, 39, .	3.6	9
4	Exopolysaccharide riclin and anthocyanin-based composite colorimetric indicator film for food freshness monitoring. <i>Carbohydrate Polymers</i> , 2023, 314, 120882.	10.2	5
5	Development of Food Packaging with Desirable Properties and Activities Using Chitosan and <i>Mentha piperita</i> , <i>Salvia officinalis</i> , <i>Melaleuca quinquenervia</i> , and <i>Eucalyptus globulus</i> EOs. <i>Food and Bioprocess Technology</i> , 2023, 16, 3033-3044.	4.7	5
6	Trends in starch-based edible films and coatings enriched with tropical fruits extracts: a review. <i>Food Hydrocolloids for Health</i> , 2023, 4, 100138.	3.9	4
7	Polysaccharides as eco-friendly bio-adsorbents for wastewater remediation: Current state and future perspective. <i>Journal of Water Process Engineering</i> , 2023, 54, 103980.	5.6	12
8	Sustainable Nonfarm Approaches to Achieve Zero Hunger and Its Unveiled Reality. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 10486-10499.	5.2	1
9	Biodegradability and biotoxicity of the modified starch matrix with biologically synthesized ZnO nanoparticles. <i>Environmental Progress and Sustainable Energy</i> , 2024, 43, .	2.3	0
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12	Recent advances in chitosan-based materials; The synthesis, modifications and biomedical applications. <i>Carbohydrate Polymers</i> , 2023, 321, 121318.	10.2	9
13	Development of mussel-inspired chitosan-derived edible coating for fruit preservation. <i>Carbohydrate Polymers</i> , 2023, 321, 121293.	10.2	8
14	Green Food Packaging with Integrated Functions of High-Efficiency Radiation Cooling and Freshness Monitoring. <i>ACS Sustainable Chemistry and Engineering</i> , 2023, 11, 15135-15145.	6.7	2
15	Effect of localized electrochemical pH and temperature synergistic modification on the structural and antibacterial properties of pectin/polyvinyl alcohol/zinc oxide nanorod films. <i>International Journal of Biological Macromolecules</i> , 2023, 253, 126703.	7.5	0
16	A review on the chemical and biological synthesis of silver nanoparticles@graphene oxide nanocomposites: A comparison. <i>Materials Today Sustainability</i> , 2023, 24, 100544.	4.1	1
17	Novel pH-responsive indicator films based on bromothymol blue-anchored chitin for shrimp freshness monitoring. <i>International Journal of Biological Macromolecules</i> , 2023, 253, 127052.	7.5	0
18	Multifunctional carbon dots reinforced gelatin-based coating film for strawberry preservation. <i>Food Hydrocolloids</i> , 2024, 147, 109327.	10.7	2

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20	Advancements and challenges in phytochemical-mediated silver nanoparticles for food packaging: Recent review (2021–2023). Trends in Food Science and Technology, 2023, 141, 104197.	15.1	2
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29	pH-responsive on-demand release of eugenol from metal-organic frameworks for synergistic bacterial killing. Dalton Transactions, 2024, 53, 2826-2832.	3.3	0
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39	Recent advances and challenges in thermal stability of PVA-based film: A review. <i>Polymers for Advanced Technologies</i> , 2024, 35, .	3.2	0
40	Sophorolipid-mediated green synthesis of silver nanoparticles for antimicrobial starch nanocomposite films. <i>Journal of Applied Polymer Science</i> , 2024, 141, .	2.6	0
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43	Preparation and characterization of chitosan/PVA/egg white ternary composite film for food packaging application. <i>Zeitschrift Fur Physikalische Chemie</i> , 2024, .	2.8	0
44	Green synthesis of Ag nanoparticles from <i>Verbascum insulare</i> Boiss. and Heldr.: Evaluation of antimicrobial, anticancer, antioxidant properties and photocatalytic degradation of MB. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2024, 453, 115601.	3.9	0