

New Cinnamon-Based Active Paper Packaging against Spoilage

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Determination of fifteen active compounds released from paraffin-based active packaging in tomato samples via microextraction techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 203-211. | 3.7 | 13 |
| 2 | Assessment of specific migration to aqueous simulants of a new active food packaging containing essential oils by means of an automatic multiple dynamic hollow fibre liquid phase microextraction system. <i>Journal of Chromatography A</i> , 2009, 1216, 3731-3739. | 3.7 | 50 |
| 3 | Antimicrobial activity in the vapour phase of a combination of cinnamon and clove essential oils. <i>Food Chemistry</i> , 2009, 116, 982-989. | 8.2 | 447 |
| 4 | Antimicrobial Behavior of Polyelectrolyte-Surfactant Thin Film Assemblies. <i>Langmuir</i> , 2009, 25, 10322-10328. | 3.5 | 79 |
| 5 | Controlled release of allyl isothiocyanate using soy protein and poly(lactic acid) electrospun fibers. <i>Food Research International</i> , 2009, 42, 933-940. | 6.2 | 193 |
| 6 | New antimicrobial active package for bakery products. <i>Trends in Food Science and Technology</i> , 2009, 20, 92-99. | 15.1 | 80 |
| 7 | Effect of Mixed Antimicrobial Agents and Flavors in Active Packaging Films. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8564-8571. | 5.2 | 101 |
| 8 | Antimicrobial efficacy of cinnamon, ginger, horseradish and nutmeg extracts against spoilage pathogens. <i>Phytoprotection</i> , 0, 90, 65-70. | 0.3 | 18 |
| 9 | Semiochemical-Mediated Oviposition Avoidance by Female House Flies, <i>Musca domestica</i> , on Animal Feces Colonized with Harmful Fungi. <i>Journal of Chemical Ecology</i> , 2010, 36, 141-147. | 1.8 | 41 |
| 10 | Antioxidant active food packaging and antioxidant edible films. , 2010, , 496-515. | | 21 |
| 11 | Pd-catalyzed cascade Heck-Suzuki-Miyaura: direct synthesis of enals from aryl iodides and allyl alcohol. <i>Chemical Communications</i> , 2010, 46, 415-417. | 4.1 | 37 |
| 12 | Active Paraffin-Based Paper Packaging for Extending the Shelf Life of Cherry Tomatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6780-6786. | 5.2 | 75 |
| 13 | New Approach to Study the Mechanism of Antimicrobial Protection of an Active Packaging. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 1063-1069. | 1.8 | 50 |
| 14 | Biochemical Properties of Bioplastics Made from Wheat Gliadins Cross-Linked with Cinnamaldehyde. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 13212-13220. | 5.2 | 44 |
| 15 | Essential Oils and Their Principal Constituents as Antimicrobial Agents for Synthetic Packaging Films. <i>Journal of Food Science</i> , 2011, 76, R164-77. | 3.1 | 149 |
| 16 | The antimicrobial activities of the cinnamaldehyde adducts with amino acids. <i>International Journal of Food Microbiology</i> , 2011, 150, 164-170. | 4.7 | 51 |
| 17 | Direct stereoselective α -arylation of unmodified enals using an organocatalytic cross-coupling-like reaction. <i>Nature Communications</i> , 2011, 2, 524. | 12.8 | 24 |
| 18 | Nanotechnology for the Food and Bioprocessing Industries. <i>Food and Bioprocess Technology</i> , 2011, 4, 39-47. | 4.7 | 489 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Evaluation of Antimicrobial Active Packaging to Increase Shelf Life of Gluten-Free Sliced Bread. Packaging Technology and Science, 2011, 24, 485-494. | 2.8 | 65 |
| 20 | In vitro screening of selected Iranian medicinal plants against Helicobacter pylori. International Journal of Green Pharmacy, 2011, 5, 282. | 0.1 | 16 |
| 21 | Cinnamon. , 2012, , 182-196. | | 15 |
| 22 | Mould prevention in bread. , 2012, , 597-613. | | 9 |
| 23 | Analytical procedure for the determination of Ethyl Lauroyl Arginate (LAE) to assess the kinetics and specific migration from a new antimicrobial active food packaging. Analytica Chimica Acta, 2012, 745, 92-98. | 5.4 | 29 |
| 24 | Control of Salmonella in foods by using essential oils: A review. Food Research International, 2012, 45, 722-734. | 6.2 | 308 |
| 26 | Evaluation of Bacterial Resistance to Essential Oils and Antibiotics After Exposure to Oregano and Cinnamon Essential Oils. Foodborne Pathogens and Disease, 2012, 9, 699-705. | 1.8 | 99 |
| 27 | Essential oil vapour and negative air ions: A novel tool for food preservation. Trends in Food Science and Technology, 2012, 26, 99-113. | 15.1 | 48 |
| 28 | Active and Intelligent Packaging for the Food Industry. Food Reviews International, 2012, 28, 146-187. | 8.4 | 249 |
| 29 | A review on recent research results (2008-2010) on essential oils as antimicrobials and antifungals. A review.. Flavour and Fragrance Journal, 2012, 27, 13-39. | 2.6 | 307 |
| 30 | Development of Cellulose Eco-nanocomposites with Antimicrobial Properties Oriented for Food Packaging. Packaging Technology and Science, 2013, 26, 149-160. | 2.8 | 28 |
| 31 | Cellulose Acetate Butyrate Nanocomposites with Antimicrobial Properties for Food Packaging. Packaging Technology and Science, 2013, 26, 249-265. | 2.8 | 23 |
| 32 | Automated SPME-GC-MS monitoring of headspace metabolomic responses of E. coli to biologically active components extracted by the coating. Analytica Chimica Acta, 2013, 776, 41-49. | 5.4 | 29 |
| 33 | Effectiveness of a novel insect-repellent food packaging incorporating essential oils against the red flour beetle (Tribolium castaneum). Innovative Food Science and Emerging Technologies, 2013, 19, 173-180. | 5.6 | 68 |
| 34 | Enhanced Thermal Stability of Eugenol by Cyclodextrin Inclusion Complex Encapsulated in Electrospun Polymeric Nanofibers. Journal of Agricultural and Food Chemistry, 2013, 61, 8156-8165. | 5.2 | 176 |
| 35 | Antifungal properties of gliadin films incorporating cinnamaldehyde and application in active food packaging of bread and cheese spread foodstuffs. International Journal of Food Microbiology, 2013, 166, 369-377. | 4.7 | 157 |
| 36 | Combined analytical and microbiological tools to study the effect on Aspergillus flavus of cinnamon essential oil contained in food packaging. Food Control, 2013, 30, 370-378. | 5.5 | 100 |
| 37 | Antimicrobial activity of Lauroyl Arginate Ethyl (LAE), against selected food-borne bacteria. Food Control, 2013, 32, 404-408. | 5.5 | 88 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Antimicrobial efficiency of carvacrol vapour related to mass partition coefficient when incorporated in chitosan based films aimed for active packaging. <i>Food Control</i> , 2013, 32, 168-175. | 5.5 | 39 |
| 41 | Evaluation of two antimicrobial packaging films against <i>Escherichia coli</i> O157:H7 strains in vitro and during storage of a Spanish ripened sheep cheese (Zamorano). <i>Food Control</i> , 2014, 42, 296-302. | 5.5 | 76 |
| 43 | Browning inhibition and quality preservation of button mushroom (<i>Agaricus bisporus</i>) by essential oils fumigation treatment. <i>Food Chemistry</i> , 2014, 149, 107-113. | 8.2 | 166 |
| 44 | Diminution of aflatoxin B1 production caused by an active packaging containing cinnamon essential oil. <i>Food Control</i> , 2014, 45, 101-108. | 5.5 | 68 |
| 45 | Evaluation of Antifungal Activity of Antimicrobial Agents on Cheddar Cheese. <i>Packaging Technology and Science</i> , 2014, 27, 49-58. | 2.8 | 21 |
| 46 | Smart/Intelligent Nanopackaging Technologies for the Food Sector. , 2014, , 378-391. | | 0 |
| 47 | Development of Pleurocidin-poly(vinyl alcohol) electrospun antimicrobial nanofibers to retain antimicrobial activity in food system application. <i>Food Control</i> , 2015, 54, 150-157. | 5.5 | 50 |
| 48 | Engineered Nanomaterials in the Food Sector. <i>Comprehensive Analytical Chemistry</i> , 2015, , 579-616. | 1.3 | 1 |
| 49 | Development of Films of Novel Polypropylene based Nanomaterials for Food Packaging Application. <i>Packaging Technology and Science</i> , 2015, 28, 589-602. | 2.8 | 21 |
| 50 | Antioxidant and antimicrobial active paper based on <i>Zataria</i> (<i>Zataria multiflora</i>) and two cumin cultivars (<i>Cuminum cyminum</i>). <i>LWT - Food Science and Technology</i> , 2015, 60, 929-933. | 5.2 | 50 |
| 51 | Influence of pH and temperature variations on vapor phase action of an antifungal food packaging against five mold strains. <i>Food Control</i> , 2015, 47, 20-26. | 5.5 | 59 |
| 52 | Performance of an active paper based on cinnamon essential oil in mushrooms quality. <i>Food Chemistry</i> , 2015, 170, 30-36. | 8.2 | 60 |
| 53 | Karakterisasi Pengemas Kertas Aktif dengan Penambahan Oleoresin dari Ampas Pengepresan Rimpang Temulawak (<i>Curcuma xanthorrhiza</i> Roxb). <i>Reaktor</i> , 2016, 16, . | 0.3 | 2 |
| 54 | Smart Nanohydrogels for Controlled Release of Food Preservatives. , 2016, , 349-362. | | 5 |
| 55 | Antimicrobial Food Packaging Based on Biodegradable Materials. , 2016, , 363-384. | | 24 |
| 56 | Use of Essential Oils in Food Preservation. , 2016, , 71-84. | | 25 |
| 57 | Use of Essential Oils in Food Packaging. , 2016, , 139-147. | | 5 |
| 58 | Volatile Compounds Usage in Active Packaging Systems. , 2016, , 319-327. | | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 59 | Control of Microbial Activity Using Antimicrobial Packaging. , 2016, , 141-152. | | 7 |
| 60 | The Downside of Antimicrobial Packaging. , 2016, , 81-93. | | 11 |
| 61 | Development of a multilayer antimicrobial packaging material for tomato puree using an innovative technology. LWT - Food Science and Technology, 2016, 72, 361-367. | 5.2 | 44 |
| 62 | Flexible hybrid coatings with efficient antioxidation properties. Food Packaging and Shelf Life, 2016, 10, 106-114. | 7.5 | 7 |
| 63 | Active packaging with antifungal activities. International Journal of Food Microbiology, 2016, 220, 73-90. | 4.7 | 124 |
| 64 | Highly biocompatible collagenâ€“ Delonix regia seed polysaccharide hybrid scaffolds for antimicrobial wound dressing. Carbohydrate Polymers, 2016, 137, 584-593. | 10.2 | 35 |
| 65 | Antimicrobial activity of coriander oil and its effectiveness as food preservative. Critical Reviews in Food Science and Nutrition, 2017, 57, 35-47. | 10.3 | 71 |
| 66 | New advances in active packaging incorporated with essential oils or their main components for food preservation. Food Reviews International, 2017, 33, 447-515. | 8.4 | 75 |
| 67 | Glycoproteins functionalized natural and synthetic polymers for prospective biomedical applications: A review. International Journal of Biological Macromolecules, 2017, 98, 748-776. | 7.5 | 40 |
| 68 | Novel active packaging based on carboxymethyl cellulose-chitosan-ZnO NPs nanocomposite for increasing the shelf life of bread. Food Packaging and Shelf Life, 2017, 11, 106-114. | 7.5 | 188 |
| 70 | Nanopackaging in Food and Electronics. Sustainable Agriculture Reviews, 2017, , 45-97. | 1.1 | 11 |
| 71 | Cinnamon and its derivatives as potential ingredient in functional foodâ€“A review. International Journal of Food Properties, 2017, , 1-27. | 3.0 | 29 |
| 72 | <i>In vitro</i> Analysis of Super Critical CO ₂ Extracted Essential Oils Against the Food-borne Pathogenic Bacteria. Journal of Biologically Active Products From Nature, 2017, 7, 452-462. | 0.3 | 0 |
| 73 | Influence of Edible Coatings on Biochemical Fruit Quality and Storage Life of Bell Pepper cv. â€œYolo Wonderâ€“. Journal of Food Quality, 2017, 2017, 1-11. | 2.6 | 40 |
| 74 | Preparation and characterization of polypropylene/sodium propionate (PP/SP) composite films for bread packaging application. Packaging Technology and Science, 2018, 31, 221-231. | 2.8 | 19 |
| 76 | Nanotechnology in the Food Industry. Environmental Chemistry for A Sustainable World, 2018, , 87-128. | 0.5 | 9 |
| 77 | Antibacterial isoeugenol coating on stainless steel and polyethylene surfaces prevents biofilm growth. Journal of Applied Microbiology, 2018, 124, 179-187. | 3.1 | 17 |
| 78 | The Effect of Kaffir Lime Leaves Distillation Residue Oleoresin Concentration on Active Paper Packaging Characteristics. IOP Conference Series: Materials Science and Engineering, 2018, 333, 012071. | 0.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 79 | The effect of packaging methods (paper, active paper, and edible coating) on the characteristic of papaya MJ9 in ambient temperature storage. IOP Conference Series: Earth and Environmental Science, 2018, 102, 012087. | 0.3 | 0 |
| 80 | Modular synthesis of (<i>E</i>)-cinnamaldehydes directly from allylarenes via a metal-free DDQ-mediated oxidative process. Organic and Biomolecular Chemistry, 2018, 16, 5350-5358. | 2.8 | 9 |
| 81 | Nanotechnology: A Pioneering Rebellion for Food Diligence. , 2018, , 29-56. | | 3 |
| 82 | Gases and Vapors Used in Food. , 2019, , 114-120. | | 1 |
| 83 | Application of essential oil as a sustained release preparation in food packaging. Trends in Food Science and Technology, 2019, 92, 22-32. | 15.1 | 207 |
| 84 | A comprehensive review of electrospun nanofibers: Food and packaging perspective. Composites Part B: Engineering, 2019, 175, 107074. | 12.0 | 132 |
| 85 | Metabolites identified as interaction products between EOs from food packaging and selected microorganisms. LWT - Food Science and Technology, 2019, 116, 108518. | 5.2 | 3 |
| 86 | Characterization and Preservation Performance of Multilayer Film with Insect Repellent and Antimicrobial Activities for Sliced Wheat Bread Packaging. Journal of Food Science, 2019, 84, 3194-3203. | 3.1 | 24 |
| 87 | Decontamination of Microorganisms and Pesticides from Fresh Fruits and Vegetables: A Comprehensive Review from Common Household Processes to Modern Techniques. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 1003-1038. | 11.7 | 97 |
| 88 | Bread Packaging: Features and Functions. , 2019, , 211-222. | | 9 |
| 89 | Synergistic properties of mustard and cinnamon essential oils for the inactivation of foodborne moulds in vitro and on Spanish bread. International Journal of Food Microbiology, 2019, 298, 44-50. | 4.7 | 51 |
| 90 | Characterization of new active packaging based on PP/LDPE composite films containing attapulgite loaded with Allium sativum essence oil and its application for large yellow croaker (<i>Pseudosciaena</i>) Tj ETQq1 1 0.7843 14 rgB34 Overlo | | |
| 91 | Polymeric Antimicrobial Food Packaging and Its Applications. Polymers, 2019, 11, 560. | 4.5 | 180 |
| 92 | Bioactive composition and promising health benefits of natural food flavors and colorants: potential beyond their basic functions. Pigment and Resin Technology, 2019, 49, 110-118. | 0.9 | 12 |
| 93 | Development of active packaging film containing bioactive components encapsulated in β -cyclodextrin and its application. Food Hydrocolloids, 2019, 90, 360-366. | 10.7 | 94 |
| 94 | Bread Storage and Preservation. , 2019, , 593-604. | | 0 |
| 95 | Layered double hydroxide polymer nanocomposites for food-packaging applications. , 2020, , 743-779. | | 3 |
| 96 | Anthelmintic Activity of Yeast Particle-Encapsulated Terpenes. Molecules, 2020, 25, 2958. | 3.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 97 | Modelling release mechanisms of cinnamon (<i>Cinnamomum zeylanicum</i>) essential oil encapsulated in alginate beads during vapor-phase application. <i>Journal of Food Engineering</i> , 2020, 282, 110024. | 5.2 | 34 |
| 98 | Effectiveness of essential oil extracted from pompia leaves against <i>Penicillium digitatum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3639-3647. | 3.5 | 10 |
| 99 | Active and intelligent packaging, safety, and quality controls. , 2020, , 243-294. | | 22 |
| 100 | Application of Essential Oils as Green Corrosion Inhibitors. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7137-7159. | 3.0 | 35 |
| 101 | Nanobiotechnology applications in food sector and future innovations. , 2021, , 197-225. | | 19 |
| 102 | The Effect of Active Paper Packaging Enriched with Oleoresin from Solid Waste of Pressed <i>Curcuma xanthorrhiza</i> Roxb. Placement Methods on Quality of Refrigerated Strawberry (<i>Fragaria x ananassa</i>). <i>Caraka Tani: Journal of Sustainable Agriculture</i> , 2020, 36, 155. | 0.6 | 0 |
| 103 | Recent Advances in Lipid Derived Bio-Based Materials for Food Packaging Applications. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000799. | 3.6 | 29 |
| 104 | Selective Rhodium-Catalyzed Hydroformylation of Terminal Arylalkynes and Conjugated Enynes to (Poly)enals Enabled by a π -Acceptor Biphosphoramidite Ligand. <i>Organic Letters</i> , 2021, 23, 6067-6072. | 4.6 | 11 |
| 105 | Clean Label in Bread. <i>Foods</i> , 2021, 10, 2054. | 4.3 | 15 |
| 106 | Chitosan-based film incorporated with essential oil nanoemulsion foreseeing enhanced antimicrobial effect. <i>Journal of Food Science and Technology</i> , 2021, 58, 3314-3327. | 2.8 | 27 |
| 107 | A Thirst for Polymeric Antimicrobial Surfaces/Coatings for Diverse Applications. <i>Materials Horizons</i> , 2020, , 13-31. | 0.6 | 2 |
| 108 | Active Packaging in Food Industry: A Review. <i>IOSR Journal of Environmental Science, Toxicology and Food Technology</i> , 2014, 8, 01-07. | 0.1 | 115 |
| 109 | Mold prevention in bread. , 2012, , 541-560. | | 0 |
| 110 | Potential Application of Nanotechnology in Agricultural Products Logistics Management. <i>Journal of Convergence Information Technology</i> , 2013, 8, 812-819. | 0.1 | 1 |
| 111 | INVESTIGATION OF THE CINNAMON INFLUENCE ON THE WHEAT BREAD QUALITY ENRICHED WITH FLAX SEEDS OIL MEAL. <i>EUREKA Life Sciences</i> , 2018, 3, 13-18. | 0.2 | 1 |
| 112 | Strength Properties of Coated Paper with <i>Cuminum cyminum</i> L. and <i>Prunus mahaleb</i> L.. <i>Celal Bayar Universitesi Fen Bilimleri Dergisi</i> , 0, , 247-249. | 0.5 | 0 |
| 113 | Physicochemical and thermal characterization of poly (3-hydroxybutyrate-co-4-hydroxybutyrate) films incorporating thyme essential oil for active packaging of white bread. <i>Food Control</i> , 2022, 133, 108688. | 5.5 | 35 |
| 114 | Effect of Cinnamon Essential Oil-Loaded Nanostructured Lipid Carriers (NLC) Against <i>Penicillium Citrinum</i> and <i>Penicillium Expansum</i> Involved in Tangerine Decay. <i>Food and Bioprocess Technology</i> , 2022, 15, 306-318. | 4.7 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 116 | The control of fungi and mycotoxins by food active packaging: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6393-6411. | 10.3 | 15 |
| 117 | Thermo-Responsive Nanofibers for On-Demand Biocompound Delivery Platform. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 118 | Evaluation of Modified Atmosphere Packaging in Combination with Active Packaging to Increase Shelf Life of High-in Beta-Glucan Gluten Free Cake. <i>Foods</i> , 2022, 11, 872. | 4.3 | 2 |
| 119 | <i>Origanum majorana</i> L. Essential Oil-Coated Paper Acts as an Antimicrobial and Antioxidant Agent against Meat Spoilage. <i>ACS Omega</i> , 2022, 7, 9033-9043. | 3.5 | 9 |
| 120 | Applications and Prospects of Nanotechnology in Food and Cosmetics Preservation. <i>Nanomaterials</i> , 2022, 12, 1196. | 4.1 | 19 |
| 121 | Thermo-responsive nanofibers for on-demand biocompound delivery platform. <i>Chemical Engineering Journal</i> , 2022, 445, 136744. | 12.7 | 11 |
| 125 | Functional Polymer and Packaging Technology for Bakery Products. <i>Polymers</i> , 2022, 14, 3793. | 4.5 | 13 |
| 126 | Application of Three Types of Cinnamon Essential Oils as Natural Antifungal Preservatives in Wheat Bread. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 10888. | 2.5 | 6 |
| 127 | Lavender Essential Oil as Antibacterial Treatment for Packaging Paper. <i>Coatings</i> , 2023, 13, 32. | 2.6 | 4 |
| 128 | Nanotechnology applications in food and bioprocess industries. , 2023, , 335-364. | | 0 |
| 129 | Nanotechnology for food and bioprocess industry. , 2023, , 291-305. | | 0 |
| 130 | Nanomaterials in bioprocessing and their biomedical applications. , 2023, , 365-401. | | 0 |
| 132 | Graphene fortified polyvinyl alcohol based nanofibre membranes for preserving perishable food. <i>Materials Research Express</i> , 2023, 10, 086401. | 1.6 | 0 |
| 133 | Revolution of nanotechnology in food packaging: Harnessing electrospun zein nanofibers for improved preservation - A review. <i>International Journal of Biological Macromolecules</i> , 2024, 260, 129416. | 7.5 | 1 |