

# Jesus Fernando Ayala-Zavala

## List of Publications by Citations

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133  
papers

4,948  
citations

35  
h-index

68  
g-index

141  
ext. papers

5,744  
ext. citations

3.9  
avg, IF

5.65  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 133 | The role of dietary fiber in the bioaccessibility and bioavailability of fruit and vegetable antioxidants. <i>Journal of Food Science</i> , <b>2011</b> , 76, R6-R15   | 3.4  | 402       |
| 132 | Technologies for Extraction and Production of Bioactive Compounds to be Used as Nutraceuticals and Food Ingredients: An Overview. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2013</b> , 12, 5-23              | 16.4 | 399       |
| 131 | Agro-industrial potential of exotic fruit byproducts as a source of food additives. <i>Food Research International</i> , <b>2011</b> , 44, 1866-1874   | 7    | 387       |
| 130 | Effect of storage temperatures on antioxidant capacity and aroma compounds in strawberry fruit. <i>LWT - Food Science and Technology</i> , <b>2004</b> , 37, 687-695   | 5.4  | 231       |
| 129 | Phenolic compounds: their journey after intake. <i>Food and Function</i> , <b>2014</b> , 5, 189-97   | 6.1  | 206       |
| 128 | Dietary fiber and phenolic compounds as functional ingredients: interaction and possible effect after ingestion. <i>Food and Function</i> , <b>2014</b> , 5, 1063-72   | 6.1  | 150       |
| 127 | Improving antioxidant capacity of fresh-cut mangoes treated with UV-C. <i>Journal of Food Science</i> , <b>2007</b> , 72, S197-202   | 3.4  | 135       |
| 126 | Effect of chitosan coating in preventing deterioration and preserving the quality of fresh-cut papaya Maradol. <i>Journal of the Science of Food and Agriculture</i> , <b>2009</b> , 89, 15-23                                       | 4.3  | 131       |
| 125 | High relative humidity in-package of fresh-cut fruits and vegetables: advantage or disadvantage considering microbiological problems and antimicrobial delivering systems?. <i>Journal of Food Science</i> , <b>2008</b> , 73, R41-7 | 3.4  | 126       |
| 124 | Effect of maturity stage on the content of fatty acids and antioxidant activity of Hass Avocado. <i>Food Research International</i> , <b>2011</b> , 44, 1231-1237  | 7    | 124       |
| 123 | Microencapsulation of cinnamon leaf ( <i>Cinnamomum zeylanicum</i> ) and garlic ( <i>Allium sativum</i> ) oils in Cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2008</b> , 60, 359-368          |      | 124       |
| 122 | Antioxidant enrichment and antimicrobial protection of fresh-cut fruits using their own byproducts: looking for integral exploitation. <i>Journal of Food Science</i> , <b>2010</b> , 75, R175-81                                    | 3.4  | 110       |
| 121 | Oregano Essential Oil as an Antimicrobial and Antioxidant Additive in Food Products. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2016</b> , 56, 1717-27   | 11.5 | 106       |
| 120 | Enhancing safety and aroma appealing of fresh-cut fruits and vegetables using the antimicrobial and aromatic power of essential oils. <i>Journal of Food Science</i> , <b>2009</b> , 74, R84-91                                      | 3.4  | 99        |
| 119 | Edible coatings as encapsulating matrices for bioactive compounds: a review. <i>Journal of Food Science and Technology</i> , <b>2014</b> , 51, 1674-85   | 3.3  | 98        |
| 118 | Controlled release of antifungal volatiles of thyme essential oil from Cyclodextrin capsules. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 67, 431-441  |      | 85        |
| 117 | Improvement of the antioxidant status of tropical fruits as a secondary response to some postharvest treatments. <i>Trends in Food Science and Technology</i> , <b>2010</b> , 21, 475-482  | 15.3 | 84        |

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|-----|---|-----|----|
| 116 | Methyl jasmonate in conjunction with ethanol treatment increases antioxidant capacity, volatile compounds and postharvest life of strawberry fruit. <i>European Food Research and Technology</i> , <b>2005</b> , 221, 731-738   | 3.4 | 83 |
| 115 | Cutting Shape and Storage Temperature Affect Overall Quality of Fresh-cut Papaya cv. 'Maradol'. <i>Journal of Food Science</i> , <b>2005</b> , 70, s482-s489  | 3.4 | 81 |
| 114 | Pectin-cinnamon leaf oil coatings add antioxidant and antibacterial properties to fresh-cut peach. <i>Flavour and Fragrance Journal</i> , <b>2013</b> , 28, 39-45   | 2.5 | 75 |
| 113 | Effect of phenolic compounds on the growth of selected probiotic and pathogenic bacteria. <i>Letters in Applied Microbiology</i> , <b>2018</b> , 66, 25-31  | 2.9 | 73 |
| 112 | Effect of temperature and modified atmosphere packaging on overall quality of fresh-cut bell peppers. <i>LWT - Food Science and Technology</i> , <b>2004</b> , 37, 817-826  | 5.4 | 69 |
| 111 | Optimizing the use of garlic oil as antimicrobial agent on fresh-cut tomato through a controlled release system. <i>Journal of Food Science</i> , <b>2010</b> , 75, M398-405  | 3.4 | 68 |
| 110 | Gallic Acid Content and an Antioxidant Mechanism Are Responsible for the Antiproliferative Activity of 'Ataulfo' Mango Peel on LS180 Cells. <i>Molecules</i> , <b>2018</b> , 23,  | 4.8 | 66 |
| 109 | Antioxidant activity and diffusion of catechin and epicatechin from antioxidant active films made of poly(L-lactic acid). <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6515-23   | 5.7 | 65 |
| 108 | Bio-preservation of fresh-cut tomatoes using natural antimicrobials. <i>European Food Research and Technology</i> , <b>2008</b> , 226, 1047-1055  | 3.4 | 65 |
| 107 | Potential of medicinal plants as antimicrobial and antioxidant agents in food industry: a hypothesis. <i>Journal of Food Science</i> , <b>2014</b> , 79, R129-37  | 3.4 | 64 |
| 106 | Oregano essential oil-pectin edible films as anti-quorum sensing and food antimicrobial agents. <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 699   | 5.7 | 63 |
| 105 | Preserving quality of fresh-cut products using safe technologies. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , <b>2010</b> , 5, 65-72  | 2.3 | 61 |
| 104 | Carvacrol as potential quorum sensing inhibitor of <i>Pseudomonas aeruginosa</i> and biofilm production on stainless steel surfaces. <i>Food Control</i> , <b>2017</b> , 75, 255-261  | 6.2 | 56 |
| 103 | Oregano ( <i>Lippia graveolens</i> ) essential oil added within pectin edible coatings prevents fungal decay and increases the antioxidant capacity of treated tomatoes. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 3772-8                               | 4.3 | 52 |
| 102 | Antifungal protection and antioxidant enhancement of table grapes treated with emulsions, vapors, and coatings of cinnamon leaf oil. <i>Postharvest Biology and Technology</i> , <b>2013</b> , 86, 321-328  | 6.2 | 49 |
| 101 | Total Phenolic, Flavonoid, Tomatine, and Tomatidine Contents and Antioxidant and Antimicrobial Activities of Extracts of Tomato Plant. <i>International Journal of Analytical Chemistry</i> , <b>2015</b> , 2015, 284071  | 1.4 | 47 |
| 100 | Effect of dietary fiber on the bioaccessibility of phenolic compounds of mango, papaya and pineapple fruits by an in vitro digestion model. <i>Food Science and Technology</i> , <b>2016</b> , 36, 188-194  | 2   | 39 |
| 99  | β-Cyclodextrin inclusion complexes containing clove ( <i>Eugenia caryophyllata</i> ) and Mexican oregano ( <i>Lippia berlandieri</i> ) essential oils: Preparation, physicochemical and antimicrobial characterization. <i>Food Packaging and Shelf Life</i> , <b>2017</b> , 14, 96-101 | 8.2 | 36 |

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|----|--|------|----|
| 98 | Maintaining antioxidant potential of fresh fruits and vegetables after harvest. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2015</b> , 55, 806-22   | 11.5 | 35 |
| 97 | Genotypic variation in tomatoes affecting processing and antioxidant attributes. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2015</b> , 55, 1819-35   | 11.5 | 33 |
| 96 | Quercetin reduces adhesion and inhibits biofilm development by <i>Listeria monocytogenes</i> by reducing the amount of extracellular proteins. <i>Food Control</i> , <b>2018</b> , 90, 266-273                             | 6.2  | 32 |
| 95 | Effect of free and microencapsulated thyme essential oil on quality attributes of minimally processed lettuce. <i>Postharvest Biology and Technology</i> , <b>2018</b> , 145, 125-133                                      | 6.2  | 31 |
| 94 | Antibacterial and antioxidant properties of grape stem extract applied as disinfectant in fresh leafy vegetables. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 3192-3200                              | 3.3  | 30 |
| 93 | Effect of edible coatings on bioactive compounds and antioxidant capacity of tomatoes at different maturity stages. <i>Journal of Food Science and Technology</i> , <b>2014</b> , 51, 2706-12                              | 3.3  | 30 |
| 92 | Low fluence pulsed light enhanced phytochemical content and antioxidant potential of Tommy Atkins mango peel and pulp. <i>Innovative Food Science and Emerging Technologies</i> , <b>2016</b> , 33, 216-224                | 6.8  | 27 |
| 91 | Combination of <i>Cymbopogon citratus</i> and <i>Allium cepa</i> essential oils increased antibacterial activity in leafy vegetables. <i>Journal of the Science of Food and Agriculture</i> , <b>2017</b> , 97, 2166-2173  | 4.3  | 26 |
| 90 | Effect of Edible Coatings, Storage Time and Maturity Stage on Overall Quality of Tomato Fruits. <i>American Journal of Agricultural and Biological Science</i> , <b>2011</b> , 6, 162-171                                  | 1.7  | 25 |
| 89 | Antimicrobial activity and thermal stability of rosemary essential oil: cyclodextrin capsules applied in tomato juice. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 111, 837-845                               | 5.4  | 24 |
| 88 | Carvacrol inhibits biofilm formation and production of extracellular polymeric substances of <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> . <i>Food Control</i> , <b>2018</b> , 89, 210-218                 | 6.2  | 24 |
| 87 | Antimicrobial Properties of Teas and Their Extracts in vitro. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2016</b> , 56, 1428-39  | 11.5 | 22 |
| 86 | Individual and Combined Coatings of Chitosan and Carnauba Wax with Oregano Essential Oil to Avoid Water Loss and Microbial Decay of Fresh Cucumber. <i>Coatings</i> , <b>2020</b> , 10, 614                                | 2.9  | 21 |
| 85 | Galactomannan-carnauba wax coating improves the antioxidant status and reduces chilling injury of Baluma guava. <i>Postharvest Biology and Technology</i> , <b>2019</b> , 149, 9-17  | 6.2  | 19 |
| 84 | Virulence of <i>Pseudomonas aeruginosa</i> exposed to carvacrol: alterations of the Quorum sensing at enzymatic and gene levels. <i>Journal of Cell Communication and Signaling</i> , <b>2019</b> , 13, 531-537            | 5.2  | 18 |
| 83 | Antimicrobial, antioxidant, and sensorial impacts of oregano and rosemary essential oils over broccoli florets. <i>Journal of Food Processing and Preservation</i> , <b>2019</b> , 43, e13889                              | 2.1  | 17 |
| 82 | Mechanism for the inhibition of apple juice enzymatic browning by Palo Fierro (desert ironweed) honey extract and other natural compounds. <i>LWT - Food Science and Technology</i> , <b>2011</b> , 44, 269-276            | 5.4  | 17 |
| 81 | Comparison of Single and Combined Use of Catechin, Protocatechuic, and Vanillic Acids as Antioxidant and Antibacterial Agents against Uropathogenic at Planktonic and Biofilm Levels. <i>Molecules</i> , <b>2018</b> , 23, | 4.8  | 16 |

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|----|--|-----|----|
| 80 | Phenolic extracts from grape stems inhibit <i>Listeria monocytogenes</i> motility and adhesion to food contact surfaces. <i>Journal of Adhesion Science and Technology</i> , <b>2018</b> , 32, 889-907                               | 2   | 15 |
| 79 | Biological activities of Agave by-products and their possible applications in food and pharmaceuticals. <i>Journal of the Science of Food and Agriculture</i> , <b>2018</b> , 98, 2461-2474  | 4.3 | 15 |
| 78 | Synergistic mode of action of catechin, vanillic and protocatechuic acids to inhibit the adhesion of uropathogenic <i>Escherichia coli</i> on silicone surfaces. <i>Journal of Applied Microbiology</i> , <b>2020</b> , 128, 387-400 | 4.7 | 15 |
| 77 | Gallotannins are uncompetitive inhibitors of pancreatic lipase activity. <i>Biophysical Chemistry</i> , <b>2020</b> , 264, 106409  | 3.5 | 14 |
| 76 | Antibrowning and antimicrobial effects of onion essential oil to preserve the quality of cut potatoes. <i>Acta Alimentaria</i> , <b>2014</b> , 43, 640-649   | 1   | 14 |
| 75 | Antioxidant and antifungal potential of methanol extracts of <i>Phellinus</i> spp. from Sonora, Mexico. <i>Revista Iberoamericana De Micología</i> , <b>2012</b> , 29, 132-8   | 1.6 | 13 |
| 74 | NUEVO ACERCAMIENTO A LA INTERACCIÓN DEL REACTIVO DE FOLIN-CIOCALTEU CON AZÚCARES DURANTE LA CUANTIFICACIÓN DE POLIFENOLES TOTALES. <i>TIP Revista Especializada En Ciencias Químico-Biológicas</i> , <b>2017</b> , 20, 23-28         |     | 12 |
| 73 | Quercetin repressed the stress response factor (sigB) and virulence genes (prfA, actA, inlA, and inlC), lower the adhesion, and biofilm development of <i>L. monocytogenes</i> . <i>Food Microbiology</i> , <b>2020</b> , 87, 103377 | 6   | 12 |
| 72 | Nanotechnology Tools to Achieve Food Safety <b>2014</b> , 341-353  |     | 11 |
| 71 | PROTECCIÓN ANTIFÚNGICA Y ENRIQUECIMIENTO ANTIOXIDANTE DE FRESA CON ACEITE ESENCIAL DE HOJA DE CANELA. <i>Revista Fitotecnia Mexicana</i> , <b>2013</b> , 36, 217   | 1.2 | 11 |
| 70 | Antioxidant Enrichment and Antimicrobial Protection of Fresh-Cut Mango Applying Bioactive Extracts from Their Seeds By-Products. <i>Food and Nutrition Sciences (Print)</i> , <b>2013</b> , 04, 197-203                              | 0.4 | 11 |
| 69 | Antioxidant and antimicrobial activity of extract on overall quality and shelf life of pork patties stored under refrigeration. <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 4413-4423                          | 3.3 | 11 |
| 68 | Formulation and characterization of an optimized functional beverage from hibiscus (L.) and green tea (L.). <i>Food Science and Technology International</i> , <b>2019</b> , 25, 547-561   | 2.6 | 10 |
| 67 | Washing, Peeling and Cutting of Fresh-Cut Fruits and Vegetables. <i>Food Engineering Series</i> , <b>2015</b> , 57-78  | 0.5 | 9  |
| 66 | Inhibition of Glucosyltransferase Activity and Glucan Production as an Antibiofilm Mechanism of Lemongrass Essential Oil against O157:H7. <i>Antibiotics</i> , <b>2020</b> , 9,  | 4.9 | 9  |
| 65 | Lime ( <i>Citrus aurantifolia</i> ) Oils <b>2016</b> , 531-537   |     | 9  |
| 64 | Antioxidant Capacity and Bioaccessibility of Synergic Mango (cv. Ataulfo) Peel Phenolic Compounds in Edible Coatings Applied to Fresh-Cut Papaya. <i>Food and Nutrition Sciences (Print)</i> , <b>2015</b> , 06, 365-373             | 0.4 | 8  |
| 63 | Health Benefits of Mango By-products <b>2020</b> , 159-191   |     | 8  |

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|----|--|-----|---|
| 62 | Effects of ripening on the in vitro antioxidant capacity and bioaccessibility of mango cv. 'Ataulfo' phenolics. <i>Journal of Food Science and Technology</i> , <b>2019</b> , 56, 2073-2082  | 3.3 | 7 |
| 61 | Quorum sensing interruption as a tool to control virulence of plant pathogenic bacteria. <i>Physiological and Molecular Plant Pathology</i> , <b>2019</b> , 106, 281-291   | 2.6 | 7 |
| 60 | Sanitation of fresh green asparagus and green onions inoculated with Salmonella. <i>Czech Journal of Food Sciences</i> , <b>2009</b> , 27, 454-462   | 1.3 | 7 |
| 59 | Nanofibers of gelatin and polivinyl-alcohol-chitosan for wound dressing application: fabrication and characterization. <i>Polimeros</i> , <b>2020</b> , 30,  | 1.6 | 7 |
| 58 | Combinational Approaches for Antimicrobial Packaging: Pectin and Cinnamon Leaf Oil <b>2016</b> , 609-617   |     | 7 |
| 57 | Onion ( <i>Allium cepa</i> ) Essential Oils <b>2016</b> , 617-623  |     | 7 |
| 56 | Technologies in Fresh-Cut Fruit and Vegetables. <i>Food Engineering Series</i> , <b>2015</b> , 79-103  | 0.5 | 6 |
| 55 | Combination of ultraviolet light-C and clove essential oil to inactivate Salmonella Typhimurium biofilms on stainless steel. <i>Journal of Food Safety</i> , <b>2020</b> , 40, e12788  | 2   | 6 |
| 54 | Peroxyacetic Acid <b>2012</b> , 215-223  |     | 6 |
| 53 | Plant Essential Oils as Antifungal Treatments on the Postharvest of Fruit and Vegetables <b>2013</b> , 429-446   |     | 6 |
| 52 | Fresh-cut orange treated with its own seed by-products presented higher antioxidant capacity and lower microbial growth. <i>International Journal of Postharvest Technology and Innovation</i> , <b>2013</b> , 3, 13                     | 0.3 | 6 |
| 51 | Optimization of total anthocyanin content and antioxidant activity of a Hibiscus sabdariffa infusion using response surface methodology. <i>Biotecnia</i> , <b>2019</b> , 21, 114-122  | 1.5 | 6 |
| 50 | Chlorine121-133  |     | 6 |
| 49 | Fiber and phenolic compounds contribution to the hepatoprotective effects of mango diets in rats fed high cholesterol/sodium cholate. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 2996-3007   | 6.7 | 5 |
| 48 | New Technologies to Preserve Quality of Fresh-Cut Produce. <i>Food Engineering Series</i> , <b>2008</b> , 105-115  | 0.5 | 5 |
| 47 | Supplementing corn chips with mango cv. 'Ataulfo' peel improves their sensory acceptability and phenolic profile, and decreases in vitro dialyzed glucose. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14954 | 2.1 | 5 |
| 46 | Oregano ( <i>Origanum spp.</i> ) Oils <b>2016</b> , 625-631  |     | 5 |
| 45 | AVG and GA3 prevent preharvest fruit drop and enhance postharvest quality of 'BRS 189' cashew. <i>Scientia Horticulturae</i> , <b>2019</b> , 257, 108771   | 4.1 | 4 |

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| 44 | Postharvest physicochemical changes in mutant (dg, og c, and rin) and non-mutant tomatoes. <i>Acta Physiologiae Plantarum</i> , <b>2015</b> , 37, 1   | 2.6 | 4 |
| 43 | Using Sensory Evaluation to Determine the Highest Acceptable Concentration of Mango Seed Extract as Antibacterial and Antioxidant Agent in Fresh-Cut Mango. <i>Foods</i> , <b>2018</b> , 7,   | 4.9 | 4 |
| 42 | Using natural antimicrobials to enhance the safety and quality of fresh and processed fruits and vegetables <b>2015</b> , 287-313   |     | 4 |
| 41 | Preharvest nitrogen application affects quality and antioxidant status of two tomato cultivars. <i>Bragantia</i> , <b>2020</b> , 79, 134-144  | 1.2 | 4 |
| 40 | Bioaccessibility, Bioavailability and Antioxidant Stability of Phenolic Compounds Present in Mango (cv. Ataulfo) Following an in Vitro Digestion and Microbial Fermentation. <i>FASEB Journal</i> , <b>2015</b> , 29, 606.4   | 0.9 | 4 |
| 39 | Physico-Chemical and Antiadhesive Properties of Poly(Lactic Acid)/Grapevine Cane Extract Films against Food Pathogenic Microorganisms. <i>Polymers</i> , <b>2020</b> , 12,  | 4.5 | 4 |
| 38 | Contribution of Bioactive Compounds to the Antioxidant Capacity of the Edible Mushroom <i>Neolentinus lepideus</i> . <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100085   | 2.5 | 4 |
| 37 | Licorice ( <i>Glycyrrhiza glabra</i> Linn.) Oils <b>2016</b> , 523-530  |     | 4 |
| 36 | Antioxidant Properties and Industrial Uses of Edible Polyporales. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,   | 5.6 | 4 |
| 35 | Electrospun and co-electrospun biopolymer nanofibers for skin wounds on diabetic patients: an overview.. <i>RSC Advances</i> , <b>2021</b> , 11, 15340-15350  | 3.7 | 4 |
| 34 | Impact of Fruit Dietary Fibers and Polyphenols on Modulation of the Human Gut Microbiota <b>2017</b> , 405-422  |     | 3 |
| 33 | Fruit Processing Byproducts as a Source of Natural Antifungal Compounds <b>2013</b> , 447-461   |     | 3 |
| 32 | Avocado paste from industrial byproducts as an unconventional source of bioactive compounds: characterization, in vitro digestion and in silico interactions of its main phenolics with cholesterol. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 5460 | 2.8 | 3 |
| 31 | Phenolic compounds from avocado peel are retained in the indigestible fraction after an in vitro gastrointestinal digestion. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 1982-1990  | 2.8 | 3 |
| 30 | Biological Actions of Phenolic Compounds <b>2017</b> , 125-138  |     | 2 |
| 29 | Phytochemical Changes in the Postharvest and Minimal Processing of Fresh Fruits and Vegetables 309-339  |     | 2 |
| 28 | Phenolic Profiles and Biological Activities of Extracts from Edible Wild Fruits and. <i>Foods</i> , <b>2021</b> , 10,   | 4.9 | 2 |
| 27 | Polar fractionation affects the antioxidant properties of methanolic extracts from species of genus <i>Phellinus</i> quel. (higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , <b>2012</b> , 14, 563-73  | 1.3 | 2 |

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|----|--|-----|---|
| 26 | Preharvest treatment with 1-aminoethoxyvinylglycine and gibberellin on the quality and physiology of cashew peduncles. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2018</b> , 53, 684-692   | 1.8 | 2 |
| 25 | Sustainability Challenges Involved in Use of Nanotechnology in the Agrofood Sector <b>2017</b> , 343-368   |     | 1 |
| 24 | Nanotechnology Trends in the Food Industry: Recent Developments, Risks, and Regulation <b>2018</b> , 113-141   |     | 1 |
| 23 | Chapter 5 Applications of Plant Secondary Metabolites in Food Systems <b>2016</b> , 195-232  |     | 1 |
| 22 | Plant-Derived Substances with Antibacterial, Antioxidant, and Flavoring Potential to Formulate Oral Health Care Products. <i>Biomedicines</i> , <b>2021</b> , 9,   | 4.8 | 1 |
| 21 | Evolution of Phenolic Content, Antioxidant Capacity and Phenolic Profile during Cold Pre-fermentative Maceration and Subsequent Fermentation of Cabernet Sauvignon Red Wine. <i>South African Journal of Enology and Viticulture</i> , <b>2020</b> , 41, | 3.1 | 1 |
| 20 | Migraci3n de neutr3filos en larvas de pez cebr a expuestos a extractos de sofrito de tomate. <i>Archivos Latinoamericanos De Nutricion</i> , <b>2021</b> , 70, 216-224   | 0.1 | 1 |
| 19 | Antibiofilm properties of copper (II) and iron (III) complexes with an EDTA-based phenylene macrocycle and its acyclic analogue against food and clinical related pathogens. <i>Polyhedron</i> , <b>2021</b> , 198, 115076                               | 2.7 | 1 |
| 18 | Use of Pectin to Formulate Antimicrobial Packaging <b>2016</b> , 675-680   |     | 1 |
| 17 | Garlic ( <i>Allium sativum</i> Linn.) Oils <b>2016</b> , 441-446   |     | 1 |
| 16 | Maltodextrin encapsulation improves thermal and pH stability of green tea extract catechins. <i>Journal of Food Processing and Preservation</i> , <b>2021</b> , 45, e15729   | 2.1 | 1 |
| 15 | Relevance of tracking the diversity of <i>Escherichia coli</i> pathotypes to reinforce food safety. <i>International Journal of Food Microbiology</i> , <b>2022</b> , 374, 109736  | 5.8 | 1 |
| 14 | <i>Fouquieria splendens</i> : A source of phenolic compounds with antioxidant and antiproliferative potential. <i>European Journal of Integrative Medicine</i> , <b>2021</b> , 49, 102084  | 1.7 | 0 |
| 13 | Phytochemical Compounds Targeting the Quorum Sensing System as a Tool to Reduce the Virulence Factors of Food Pathogenic Bacteria <b>2020</b> , 257-276  |     | 0 |
| 12 | Phytochemical Composition and Health Aspects of Peach Products 309-324   |     | 0 |
| 11 | Valorization of industrial by-products and waste from tropical fruits for the recovery of bioactive compounds, recent advances, and future perspectives <b>2021</b> , 29-46  |     | 0 |
| 10 | Effects of pomegranate juice and pomegranate peel powders on quality properties and antioxidant activity of pork sausage. <i>Journal of Food Processing and Preservation</i> , <b>2021</b> , 45, e15755  | 2.1 | 0 |
| 9  | Phenolic compounds of <i>Phellinus</i> spp. with antibacterial and antiviral activities.. <i>Brazilian Journal of Microbiology</i> , <b>2022</b> , 1   | 2.2 | 0 |



8 Phytochemical Changes during Minimal Processing of Fresh Fruits and Vegetables **2017**, 629-648

7 Using natural antimicrobials to enhance the safety and quality of fresh and processed fruits and vegetables **2015**, 315-325

6 Oxygen, Carbon Dioxide, and Nitrogen **2016**, 1-16

5 Active Packaging **2016**, 157-173

4 Minimal Processing **2019**, 353-374

3 Characterization of quality indices on storage of puree of mutant (dgandogc) and normal tomatoes. *Acta Alimentaria*, **2014**, 43, 426-436

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2 Produce Contamination Issues in Mexico and Central America **2014**, 343-364

1 Co-electrospun nanofibers of gelatin and chitosan-polyvinyl alcohol-βugenol for wound dressing applications. *Polymer Bulletin*, 1

2.4