Increase in Activity of Essential Oil Components Carvac coli O157:H7 by Addition of Food Stabilizers

Journal of Food Protection 68, 919-926

DOI: 10.4315/0362-028x-68.5.919

Citation Report

#	Article	IF	CITATIONS
1	Structural Requirements for the Antimicrobial Activity of Carvacrol. Journal of Agricultural and Food Chemistry, 2006, 54, 1874-1879.	2.4	214
2	Essential oils—their antimicrobial activity against Escherichia coli and effect on intestinal cell viability. Toxicology in Vitro, 2006, 20, 1435-1445.	1.1	134
3	In vitro assessment of antimicrobial activity of carvacrol, thymol and cinnamaldehyde towards Salmonella serotype Typhimurium DT104: effects of pig diets and emulsification in hydrocolloids. Journal of Applied Microbiology, 2006, 101, 1282-1291.	1.4	93
4	Carvacrol Induces Heat Shock Protein 60 and Inhibits Synthesis of Flagellin in Escherichia coli O157:H7. Applied and Environmental Microbiology, 2007, 73, 4484-4490.	1.4	224
5	Chemical Preservatives and Natural Antimicrobial Compounds., 2007,, 713-745.		36
6	Lipid microencapsulation allows slow release of organic acids and natural identical flavors along the swine intestine1,2. Journal of Animal Science, 2007, 85, 486-493.	0.2	85
7	Low Temperature and Binding to Food Components Inhibit the Antibacterial Activity of Carvacrol against Listeria monocytogenes in Steak Tartare. Journal of Food Protection, 2007, 70, 2127-2132.	0.8	59
8	Inhibition of Salmonella enterica serotype Enteritidis on agar and raw chicken by carvacrol vapour. International Journal of Food Microbiology, 2007, 119, 346-350.	2.1	63
9	Effect of oregano (Origanum vulgare L.) and thyme (Thymus vulgaris L.) essential oils on Trypanosoma cruzi (Protozoa: Kinetoplastida) growth and ultrastructure. Parasitology Research, 2007, 100, 783-790.	0.6	117
10	Differences in the in vitro susceptibility of mono-eukaryotic cultures of Histomonas meleagridis, Tetratrichomonas gallinarum and Blastocystis sp. to natural organic compounds. Parasitology Research, 2007, 101, 193-199.	0.6	25
11	Essential Oils and New Antimicrobial Strategies. , 0, , 165-203.		4
12	The antimicrobial effect of thyme essential oil, nisin and their combination against Escherichia coli O157:H7 in minced beef during refrigerated storage. Meat Science, 2008, 80, 159-166.	2.7	181
13	Dose–response effects of essential oils on in vitro fermentation activity of the rumen microbial population. Animal Feed Science and Technology, 2008, 145, 335-350.	1.1	134
14	Antibacterial activities of plant essential oils against Legionella pneumophila. Water Research, 2008, 42, 278-286.	5.3	59
15	Biological and Pharmacological Activities of Carvacrol and Carvacrol Bearing Essential Oils. Current Pharmaceutical Design, 2008, 14, 3106-3119.	0.9	442
16	Antibacterial Efficiency of Spanish Satureja montana Essential Oil against Listeria monocytogenes among Natural Flora in Minced Pork. Journal of Food Protection, 2008, 71, 502-508.	0.8	32
17	Evaluation of Combined Antibacterial Effects of Eugenol, Cinnamaldehyde, Thymol, and Carvacrol againstâ€, <i>E. coli</i> À€,with an Improved Method. Journal of Food Science, 2009, 74, M379-83.	1.5	323
18	In vitro characterisation of the antimicrobial activity of selected essential oil components and binary combinations against the pig gut flora. Animal Feed Science and Technology, 2009, 151, 111-127.	1.1	58

#	Article	IF	Citations
19	Evaluation of oregano essential oil (Origanum heracleoticum L.) on growth, antioxidant effect and resistance against Aeromonas hydrophila in channel catfish (Ictalurus punctatus). Aquaculture, 2009, 292, 214-218.	1.7	247
20	Antibacterial effect of plant-derived antimicrobials on major bacterial mastitis pathogens in vitro. Journal of Dairy Science, 2009, 92, 1423-1429.	1.4	86
22	Extracts of Mexican Oregano (Lippia berlandieri Schauer) with Antioxidant and Antimicrobial Activity. Food and Bioprocess Technology, 2010, 3, 434-440.	2.6	55
23	Physical, antibacterial and antioxidant properties of chitosan films incorporated with thyme oil for potential wound healing applications. Journal of Materials Science: Materials in Medicine, 2010, 21, 2227-2236.	1.7	318
24	Inhibition of verocytotoxigenic Escherichia coli in model broth and rumen systems by carvacrol and thymol. International Journal of Food Microbiology, 2010, 139, 70-78.	2.1	95
25	Fungal Inactivation by Mexican Oregano (<i>Lippia berlandieri</i> â€,Schauer) Essential Oil Added to Amaranth, Chitosan, or Starch Edible Films. Journal of Food Science, 2010, 75, M127-33.	1.5	65
26	Reduction of Salmonella enterica Contamination on Grape Tomatoes by Washing with Thyme Oil, Thymol, and Carvacrol as Compared with Chlorine Treatment. Journal of Food Protection, 2010, 73, 2270-2275.	0.8	58
28	Influence of oregano and salvia extracts on lymphocyte subpopulation and functional activity of blood phagocytes and lymphocytes in chickens. Food and Agricultural Immunology, 2010, 21, 307-316.	0.7	11
29	High-throughput gene expression analysis of intestinal intraepithelial lymphocytes after oral feeding of carvacrol, cinnamaldehyde, or Capsicum oleoresin. Poultry Science, 2010, 89, 68-81.	1.5	58
30	Antimicrobial activity of soy edible films incorporated with thyme and oregano essential oils on fresh ground beef patties. Meat Science, 2010, 86, 283-288.	2.7	343
31	Essential Oils and Their Principal Constituents as Antimicrobial Agents for Synthetic Packaging Films. Journal of Food Science, 2011, 76, R164-77.	1.5	149
32	Effects of dietary plant-derived phytonutrients on the genome-wide profiles and coccidiosis resistance in the broiler chickens. BMC Proceedings, 2011, 5, S34.	1.8	74
33	Evaluation of the Antimicrobial Potential of Two Flavonoids Isolated from <i>Limnophila</i> Plants. Chemistry and Biodiversity, 2011, 8, 1139-1151.	1.0	20
34	Inactivation of Listeria monocytogenes and Escherichia coli O157:H7 Biofilms by Micelle-Encapsulated Eugenol and Carvacrol. Journal of Food Protection, 2011, 74, 55-62.	0.8	83
35	Chemical composition and protective effect of oregano (<i>Origanum heracleoticum</i> L.) ethanolic extract on oxidative damage and on inhibition of NO in LPS-stimulated RAW 264.7 macrophages. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 404-411.	2.5	17
36	Intestinal mucin dynamic and leukocytic responses of chickens infected with Eimeria acervulina and fed oregano supplemented diet. Acta Veterinaria Brno, 2011, 80, 147-156.	0.2	12
37	Synergistic Effects and Physiological Responses of Selected Bacterial Isolates from Animal Feed to Four Natural Antimicrobials and Two Antibiotics. Foodborne Pathogens and Disease, 2011, 8, 1055-1062.	0.8	34
38	Effect of Orange Oil on the Oral Absorption of Enrofloxacin in Rats. Experimental Animals, 2012, 61, 71-75.	0.7	2

#	ARTICLE	IF	Citations
40	Trypanocidal and cytotoxic activities of essential oils from medicinal plants of Northeast of Brazil. Experimental Parasitology, 2012, 132, 123-128.	0.5	88
41	Evaluation of antimicrobial and antioxidant activities of natural phenolic compounds against foodborne pathogens and spoilage bacteria. Food Control, 2012, 26, 555-563.	2.8	98
42	Influence of broccoli extract and various essential oils on performance and expression of xenobioticand antioxidant enzymes in broiler chickens. British Journal of Nutrition, 2012, 108, 588-602.	1.2	59
43	Use Thyme Essential Oils for the Prevention of Salmonellosis. , 0, , .		1
44	Inhibition of verocytotoxigenic Escherichia coli by antimicrobial peptides caseicin A and B and the factors affecting their antimicrobial activities. International Journal of Food Microbiology, 2012, 153, 260-268.	2.1	20
45	Chemical composition, antischistosomal and cytotoxic effects of the essential oil of Lavandula angustifolia grown in Southeastern Brazil. Revista Brasileira De Farmacognosia, 2013, 23, 877-884.	0.6	25
46	The Antimicrobial Activity of the Essential Oil of <i>Pistacia lentiscus </i> Var. <i>Chia </i> Journal of Essential Oil-bearing Plants: JEOP, 2013, 16, 714-729.	0.7	10
47	Essential oils as potential antimicrobial agents in meat and meat products: A review. Trends in Food Science and Technology, 2013, 34, 96-108.	7.8	282
48	Antimicrobial activity of oregano oil against antibiotic-resistant Salmonella enterica on organic leafy greens at varying exposure times and storage temperatures. Food Microbiology, 2013, 34, 123-129.	2.1	50
49	Antimicrobial Activity of Essential Oil Components Against Potential Food Spoilage Microorganisms. Current Microbiology, 2013, 67, 200-208.	1.0	78
50	Plant Essential Oils as Antifungal Treatments on the Postharvest of Fruit and Vegetables. , 2013, , 429-446.		6
51	Matrix structure selection in the microparticles of essential oil oregano produced by spray dryer. Journal of Microencapsulation, 2013, 30, 717-727.	1.2	44
52	Essential oil composition and antibacterial activity of the different parts of <i>Thymus maroccanus </i> Ball: an endemic species in Morocco. Natural Product Research, 2013, 27, 1700-1704.	1.0	14
53	Characterization of $ ilde{A}\ddot{Y}$ -cyclodextrin inclusion complexes of thymol and thyme oil for antimicrobial delivery applications. , 2013, , .		0
54	Chemical Composition, Leishmanicidal and Cytotoxic Activities of the Essential Oils from <i>Mangifera indica </i> L. var. Rosa and Espada. BioMed Research International, 2014, 2014, 1-9.	0.9	18
55	Plant-Derived Antimicrobials Reduce <i>E. coli</i> O157:H7 Virulence Factors Critical for Colonization in Cattle Gastrointestinal Tract <i>In Vitro</i> . BioMed Research International, 2014, 2014, 1-10.	0.9	9
56	Characterization of antioxidant–antibacterial quince seed mucilage films containing thyme essential oil. Carbohydrate Polymers, 2014, 99, 537-546.	5.1	167
57	Decontamination of Salmonella enterica Typhimurium on green onions using a new formula of sanitizer washing and pulsed UV light (PL). Food Research International, 2014, 62, 280-285.	2.9	11

#	ARTICLE	IF	CITATIONS
58	Effect of quince seed mucilage edible films incorporated with oregano or thyme essential oil on shelf life extension of refrigerated rainbow trout fillets. International Journal of Food Microbiology, 2014, 174, 88-97.	2.1	195
59	Application of nanotechnology for the encapsulation of botanical insecticides for sustainable agriculture: Prospects and promises. Biotechnology Advances, 2014, 32, 1550-1561.	6.0	364
60	Effect of active packaging on low-sodium restructured chicken steaks. Journal of Food Science and Technology, 2015, 52, 3376-82.	1.4	16
61	Synergistic effect of Myrtus communis L. essential oils and conventional antibiotics against multi-drug resistant Acinetobacter baumannii wound isolates. Phytomedicine, 2014, 21, 1666-1674.	2.3	66
62	Predictive microbiology quantification of the antimicrobial effect of carvacrol. Journal of Food Engineering, 2014, 141, 37-43.	2.7	10
63	The inhibition of Helicobacter pylori infected cells by Origanum minutiflorum. Industrial Crops and Products, 2014, 58, 329-334.	2.5	11
64	Synthesis and characterization of \hat{l}^2 -cyclodextrin inclusion complexes of thymol and thyme oil for antimicrobial delivery applications. LWT - Food Science and Technology, 2014, 59, 247-255.	2.5	141
65	Synergy between essential oil components and antibiotics: a review. Critical Reviews in Microbiology, 2014, 40, 76-94.	2.7	402
66	Chemical composition, antioxidant and antimicrobial activities of the essential oil and methanolic extract of <i>Ferulago bernardii</i> Tomk. & Dimen of Iran. Archives of Phytopathology and Plant Protection, 2015, 48, 699-710.	0.6	11
67	Factors Affecting the Phase Behavior and Antimicrobial Activity of Carvacrol Microemulsions. Journal of Oleo Science, 2015, 64, 393-404.	0.6	25
68	Evaluation of Antioxidant and Antibacterial Potentials of <i>Nigella sativa </i> L. Suspension Cultures under Elicitation. BioMed Research International, 2015, 2015, 1-13.	0.9	12
69	Chemical Composition and <i>In Vitro </i> Antibacterial Activity of <i>Mentha spicata </i> Essential Oil against Common Food-Borne Pathogenic Bacteria. Journal of Pathogens, 2015, 2015, 1-5.	0.9	68
70	Growth Inhibition of Grain Spoilage Fungi by Selected Herbs and Spices Essential Oils. Science, Technology and Arts Research, 2015, 3, 135.	0.1	1
71	In vitro antibacterial activity of thymol and carvacrol and their effects on broiler chickens challenged with Clostridium perfringens. Journal of Animal Science and Biotechnology, 2015, 6, 58.	2.1	113
72	Effect of chitosan on spoilage bacteria, Escherichia coli and Listeria monocytogenes in cured chicken meat. International Journal of Biological Macromolecules, 2015, 76, 303-309.	3.6	44
73	The synergistic antimicrobial effect of carvacrol and thymol in clay/polymer nanocomposite films over strawberry gray mold. LWT - Food Science and Technology, 2015, 64, 390-396.	2.5	60
74	Effect of Essential Oils on Germination and Growth of Some Pathogenic and Spoilage Spore-Forming Bacteria. Foodborne Pathogens and Disease, 2015, 12, 551-559.	0.8	14
75	Identification of medicinal plants effective in infectious diseases in Urmia, northwest of Iran. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 858-864.	0.5	30

#	Article	IF	CITATIONS
76	Chemical Profile, Antioxidant and Antibacterial Activity of Thyme and Oregano Essential Oils, Thymol and Carvacrol and Their Possible Synergism. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 1013-1021.	0.7	99
77	Combinational Approaches for Antimicrobial Packaging. , 2016, , 581-588.		3
78	Evaluation of the Antibacterial Potential of Liquid and Vapor Phase Phenolic Essential Oil Compounds against Oral Microorganisms. PLoS ONE, 2016, 11, e0163147.	1.1	55
79	Production and characterisation of skate skin gelatin films incorporated with thyme essential oil and their application in chicken tenderloin packaging. International Journal of Food Science and Technology, 2016, 51, 1465-1472.	1.3	44
80	Progress in the Development and Applicability of Potential Medicinal Plant Extractâ€Conjugated Polymeric Constructs for Wound Healing and Tissue Regeneration. Phytotherapy Research, 2016, 30, 1895-1904.	2.8	34
81	Preclinical toxicity and safety evaluation of Althaea officinalis L. extract as naturopathic medicine in common carp (Cyprinus carpio L.): Hematological and biochemical study. Journal of Applied Aquaculture, 2016, 28, 92-109.	0.7	1
82	Potential Application of <i>Ziziphora Clinopodioides</i> Essential Oil and Nisin as Natural Preservatives Against <i>Bacillus Cereus</i> and <i>Escherichia Coli</i> O157: H7 in Commercial Barley Soup. Journal of Food Safety, 2016, 36, 435-441.	1,1	22
83	Use of natural substances for boar semen decontamination. Veterinarni Medicina, 2015, 60, 235-247.	0.2	9
84	The effect of cinnamon, oregano and thyme essential oils in marinade on the microbial shelf life of fish and meat products. Food Control, 2016, 68, 30-39.	2.8	129
85	Beneficial impacts of thymol essential oil on health and production of animals, fish and poultry: a review. Journal of Essential Oil Research, 2016, 28, 365-382.	1.3	110
86	Evaluation of anti-oxidant and anti-microbial activity of various essential oils in fresh chicken sausages. Journal of Food Science and Technology, 2017, 54, 279-292.	1.4	43
87	Use of carvacrol, thymol, and eugenol for biofilm eradication and resistance modifying susceptibility of Salmonella enterica serovar Typhimurium strains to nalidixic acid. Microbial Pathogenesis, 2017, 104, 56-63.	1.3	79
88	Fresh preservation of alfalfa sprouts and mushroom slices by soaking with thymol and resveratrol solutions. Food Science and Nutrition, 2017, 5, 776-783.	1.5	18
89	Thermoplastic starch/clay nanocomposites loaded with essential oil constituents as packaging for strawberries â° In vivo antimicrobial synergy over Botrytis cinerea. Postharvest Biology and Technology, 2017, 129, 29-36.	2.9	103
90	Carvacrol as potential quorum sensing inhibitor of Pseudomonas aeruginosa and biofilm production on stainless steel surfaces. Food Control, 2017, 75, 255-261.	2.8	89
91	Halloysite Nanocapsules Containing Thyme Essential Oil: Preparation, Characterization, and Application in Packaging Materials. Journal of Food Science, 2017, 82, 2113-2120.	1.5	47
92	Essential oil composition, total phenolic, flavonoid contents, and antioxidant activity of Thymus species collected from different regions of Iran. Food Chemistry, 2017, 220, 153-161.	4.2	345
93	Carvacrol efficacy in reducing microbial biofilms on stainless steel and in limiting re-growth of injured cells. Food Control, 2018, 90, 10-17.	2.8	17

#	ARTICLE	IF	CITATIONS
94	An in vitro study on antimicrobial and anticancer potentiality of thyme and clove oils. Rendiconti Lincei, 2018, 29, 131-139.	1.0	17
95	Coaxial nanofibers from poly(caprolactone)/ poly(vinyl alcohol)/Thyme and their antibacterial properties. Journal of Industrial Textiles, 2018, 47, 834-852.	1.1	31
96	Chemical composition, antimicromicrobial activity and insecticidal activity against the lesser mealworm <scp><i>Alphitobius diaperinus</i></scp> (Panzer) (Coleoptera: Tenebrionidae) of <scp><i>Origanum vulgare</i></scp> L. ssp. <i>hirtum</i> (Link) and <scp><i>Artemisia dracunculus</i></scp> L. essential oils. Journal of the Science of Food and Agriculture, 2018, 98, 767-774.	1.7	36
97	Use of Natural Antimicrobials of Plant Origin to Improve the Microbiological Safety of Foods. , 2018, , 249-272.		12
98	Cyclodextrins for Essential Oils Applications. Environmental Chemistry for A Sustainable World, 2018, , 81-123.	0.3	3
99	Thymol Induces Conidial Apoptosis in <i>Aspergillus flavus</i> via Stimulating K ⁺ Eruption. Journal of Agricultural and Food Chemistry, 2018, 66, 8530-8536.	2.4	30
100	The natural plant compound carvacrol as an antimicrobial and anti-biofilm agent: mechanisms, synergies and bio-inspired anti-infective materials. Biofouling, 2018, 34, 630-656.	0.8	69
101	Thymol inhibits RANKL-induced osteoclastogenesis in RAW264.7 and BMM cells and LPS-induced bone loss in mice. Food and Chemical Toxicology, 2018, 120, 418-429.	1.8	33
102	Essential oil composition and <i>in vitro</i> antibacterial activity of <i>Chenopodium album</i> subsp. <i>striatum</i> . Acta Biologica Hungarica, 2018, 69, 144-155.	0.7	37
103	Encapsulation in cyclodextrins to widen the applications of essential oils. Environmental Chemistry Letters, 2019, 17, 129-143.	8.3	79
104	Food Safety through Natural Antimicrobials. Antibiotics, 2019, 8, 208.	1.5	114
105	Antibacterial Activity of Commercial Phytochemicals against Aeromonas Species Isolated from Fish. Pathogens, 2019, 8, 142.	1.2	16
106	Chemical Composition and Schistosomicidal Activity of Essential Oils of Two Piper Species from the Amazon Region. Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 811-820.	0.7	10
107	Antimicrobial and Antioxidant Performance of Various Essential Oils and Natural Extracts and Their Incorporation into Biowaste Derived Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Layers Made from Electrospun Ultrathin Fibers. Nanomaterials, 2019, 9, 144.	1.9	62
108	Anti-biofilm activities of essential oils rich in carvacrol and thymol against <i>Salmonella</i> Senteritidis. Biofouling, 2019, 35, 361-375.	0.8	85
109	Antifungal activity of thymol and carvacrol against postharvest pathogens Botrytis cinerea. Journal of Food Science and Technology, 2019, 56, 2611-2620.	1.4	86
111	Unraveling the selective antibacterial activity and chemical composition of citrus essential oils. Scientific Reports, 2019, 9, 17719.	1.6	54
112	Sustained-release antimicrobial gelatin film: Effect of chia mucilage on physicochemical and antimicrobial properties. Food Hydrocolloids, 2019, 87, 783-791.	5.6	51

#	Article	IF	Citations
113	The innovative fabrication and applications of carvacrol nanoemulsions, carboxymethyl chitosan microgels and their composite films. Colloids and Surfaces B: Biointerfaces, 2019, 175, 688-696.	2.5	39
114	Improving the Efficacy of Essential Oils as Antimicrobials in Foods: Mechanisms of Action. Annual Review of Food Science and Technology, 2019, 10, 365-387.	5.1	172
115	Development of cellulose-based migratory and nonmigratory active packaging films. Carbohydrate Polymers, 2019, 204, 202-213.	5.1	21
116	Sanitizing food contact surfaces by the use of essential oils. Innovative Food Science and Emerging Technologies, 2019, 51, 220-228.	2.7	32
117	Anti-Salmonella activity of pyruvic and succinic acid in combination with oregano essential oil. Food Control, 2020, 110, 106960.	2.8	20
118	In vitro antimicrobial activity of immobilised essential oil components against Helicobacter pylori. World Journal of Microbiology and Biotechnology, 2020, 36, 3.	1.7	11
119	Dietary oregano essential oil improved the immune response, activity of digestive enzymes, and intestinal microbiota of the koi carp, Cyprinus carpio. Aquaculture, 2020, 518, 734781.	1.7	62
120	Natural Antibiotic Oregano in Hydroxyapatite-Coated Titanium Reduces Osteoclastic Bone Resorption for Orthopedic and Dental Applications. ACS Applied Materials & Samp; Interfaces, 2020, 12, 52383-52392.	4.0	18
121	Beneficial and adverse effects of medicinal plants as feed supplements in poultry nutrition: a review. Animal Biotechnology, 2022, 33, 369-391.	0.7	33
122	A Review on Applications and Uses of Thymus in the Food Industry. Plants, 2020, 9, 961.	1.6	108
123	Effects of Organic and Mineral Fertilization on Yield and Selected Quality Parameters for Dried Herbs of Two Varieties of Oregano (Origanum vulgare L.). Applied Sciences (Switzerland), 2020, 10, 5503.	1.3	23
124	Dietary origanum essential oil improved antioxidative status, immune-related genes, and resistance of common carp (Cyprinus carpio L.) to Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2020, 104, 1-7.	1.6	91
125	Aromatic plants and their extracts pharmacokinetics and inÂvitro/inÂvivo mechanisms of action. , 2020, , 75-88.		5
126	In Vitro Effect of the Common Culinary Herb Winter Savory (Satureja montana) against the Infamous Food Pathogen Campylobacter jejuni. Foods, 2020, 9, 537.	1.9	14
127	Strategic Moves of "Superbugs―Against Available Chemical Scaffolds: Signaling, Regulation, and Challenges. ACS Pharmacology and Translational Science, 2020, 3, 373-400.	2.5	22
128	Inhibitory effects of essential oils from Asteraceae plant against pathogenic fungi of <i>Panax notoginseng</i> . Journal of Applied Microbiology, 2021, 130, 592-603.	1.4	12
129	Nanoparticles in sustainable agriculture: An emerging opportunity. Journal of Controlled Release, 2021, 329, 1234-1248.	4.8	195
130	Sustainable development of mosquito-repellent, flame-retardant, antibacterial, fragrant and antioxidant linen using microcapsules containing Thymus vulgaris oil in in-situ generated chitosan-phosphate. Cellulose, 2021, 28, 2599-2614.	2.4	13

#	ARTICLE	IF	CITATIONS
131	Validation of Qualitative Broth Volatilization Checkerboard Method for Testing of Essential Oils: Dual-Column GC–FID/MS Analysis and In Vitro Combinatory Antimicrobial Effect of Origanum vulgare and Thymus vulgaris against Staphylococcus aureus in Liquid and Vapor Phases. Plants, 2021, 10, 393.	1.6	6
132	Natural Agents against Bovine Mastitis Pathogens. Antibiotics, 2021, 10, 205.	1.5	30
133	Combined antibacterial activity of essential oils extracted from Lavandula maroccana (Murb.), Thymus pallidus Batt. and Rosmarinus officinalis L. against antibiotic-resistant Gram-negative bacteria. European Journal of Integrative Medicine, 2021, 43, 101312.	0.8	16
134	Effects of oregano essential oil as an antibiotic growth promoter alternative on growth performance, antioxidant status, and intestinal health of broilers. Poultry Science, 2021, 100, 101163.	1.5	44
135	Synergistic Anticandidal Effects of Six Essential Oils in Combination with Fluconazole or Amphotericin B against Four Clinically Isolated Candida Strains. Antibiotics, 2021, 10, 1049.	1.5	6
136	Application of Nano-Î ² -Cyclodextrin to Induce Biosynthesis of Phenylpropanoids and Antioxidant Activity of Basil. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 1951-1962.	0.7	4
137	Improvements of immune genes and intestinal microbiota composition of turbot (Scophthalmus) Tj ETQq0 0 0 rgE	BŢ <i>l</i> Overlo	ck 10 Tf 50 !
138	Potential of Nanotechnology for Rural Applications. Arabian Journal for Science and Engineering, 2020, 45, 5011-5042.	1.7	11
139	Chemical composition and in vitro antibacterial activity of Ferulago angulata (Schlecht.) Boiss essential oil. Pharmaceutical Sciences, 2015, 21, 6-11.	0.8	23
140	Chemical â€∢Composition and in â€∢Vitro â€∢Antibacterial â€∢Effect of Ziziphora clinopodioides â€∢Essential â€∢Oil Pharmaceutical Sciences, 2015, 21, 51-56.	l. _{0.8}	22
141	EVALUATION OF USING DIETARY PHYTOGENICS, AS GROWTH PROMOTERS, ON BROILER PERFORMANCE, UNDER NORMAL AND SUBNORMAL TEMPERATURE CONDITIONS. Egyptian Journal of Animal Production, 2014, 51, 49-59.	0.1	3
142	Traceability of Active Compounds of Essential Oils in Antimicrobial Food Packaging Using a Chemometric Method by ATR-FTIR. American Journal of Analytical Chemistry, 2017, 08, 726-741.	0.3	67
143	Chemical Composition, Antibacterial and Antioxidant Activities of Thyme Essential Oil (<i>Thymus vulgaris</i>). Food and Nutrition Sciences (Print), 2018, 09, 433-446.	0.2	30
144	Essential Oil Prepared from i>Cymbopogon citrates i>Exerted an Antimicrobial Activity Against Plant Pathogenic and Medical Microorganisms. Mycobiology, 2009, 37, 48.	0.6	18
145	Antibacterial and Antiviral Activities of Essential Oils of Northern Moroccan Plants. British Biotechnology Journal, 2013, 3, 318-331.	0.4	33
146	Selection of Hydrocolloid to formulate processed Tomato salsa with herbs. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2013, 6, 18-22.	0.1	0
147	Enhancing Production of Terpenoids in Metabolically Engineered Transgenic Spearmint (Mentha) Tj ETQq0 0 0 rgB	3T/Overloo	ck 10 Tf 50 I
148	Antibacterial Effects of Herbal Compounds against Acinetobacter baumannii Isolated from Hospital of Tehran, Iran. Global Journal of Infectious Diseases and Clinical Research, 0, , 018-020.	0.5	2

#	Article	IF	Citations
149	Synergistic Effect of Thymus vulgaris Essential Oil Oral Administration on Topically Treated Wound with Chitosan, Thyme Essential Oil and their Combination in Rats. Journal of Nutrition & Food Sciences, 2018, 08, .	1.0	2
150	Bioactive Herbal Extracts of Traditional Chinese Medicine Applied with the Biomaterials: For the Current Applications and Advances in the Musculoskeletal System. Frontiers in Pharmacology, 2021, 12, 778041.	1.6	4
151	Spice bioactives in edible packaging. Journal of Spices and Aromatic Crops, 0, , 81-97.	0.1	0
152	Phytobiotic Activity of Piper Auritum and Ocimum Basilicum on Avian E. Coli. Brazilian Journal of Poultry Science, 2020, 22, .	0.3	2
153	Evaluation of the Effects of Three Plant Species (.) on the Healing Process of Intraoral Ulcers in Rats. Journal of Dentistry, 2017, 18, 127-135.	0.1	5
154	New Perspective of Origanum vulgare L. and Satureja montana L. Essential Oils as Bovine Mastitis Treatment Alternatives. Antibiotics, 2021, 10, 1460.	1.5	17
155	Organic management vs. conventional management influence the antimicrobial activity of essential oils of Origanum vulgare L. Research, Society and Development, 2020, 9, e4239118504.	0.0	3
156	Chemical Composition of Carvacrol Rich Leaf Essential Oil of <i>Thymus vulgaris</i> from India: Assessment of Antimicrobial, Antioxidant and Cytotoxic Potential. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 1134-1145.	0.7	6
157	The Effect of the Use of Essential Oils in the Feed of Bee Families on Honey Chemical Composition and Antimicrobial Activity. Applied Sciences (Switzerland), 2022, 12, 1094.	1.3	4
158	Identification of the major active compounds in cinnamon bark with Plodia interpunctella repellent properties and insect-proof activity of poly(vinyl alcohol), xanthan gum, and trans-cinnamaldehyde-based strips and sachets. Food Packaging and Shelf Life, 2022, 32, 100813.	3.3	4
159	Chemical Composition, Antioxidant and Antibacterial Activities of Thymus broussonetii Boiss and Thymus capitatus (L.) Hoffmann and Link Essential Oils. Plants, 2022, 11, 954.	1.6	8
160	Plant Extract and Essential Oil Application against Food-Borne Pathogens in Raw Pork Meat. Foods, 2022, 11, 861.	1.9	11
161	Control of pathogenic fungi on Panax notoginseng by volatile oils from the food ingredients Allium sativum and Foeniculum vulgare. Letters in Applied Microbiology, 2022, 75, 89-102.	1.0	4
162	Chemical composition, antifungal and antioxidant activities of wild and cultivated Origanum compactum essential oils from the municipality of Chaoun, Morocco. South African Journal of Botany, 2022, 147, 852-858.	1.2	7
163	Efficacy of essential oils in the management of soft rot caused by Pectobacterium aroidearum in lettuce. Bioscience Journal, 0, 37, e37095.	0.4	0
164	Comparison of thermo-rheological, microstructural and antimicrobial properties of \hat{l}^2 - and \hat{l}^3 -cyclodextrin inclusion complexes of cinnamon essential oil. Journal of Food Measurement and Characterization, 2022, 16, 3010-3022.	1.6	5
165	Thermal, structural, antimicrobial, and physicochemical characterisation of thyme essential oil encapsulated in \hat{l}^2 - and \hat{l}^3 -cyclodextrin. Journal of Microencapsulation, 2022, 39, 364-379.	1.2	5
166	The Yield, Chemical Composition, and Antioxidant Activities of Essential Oils from Different Plant Parts of the Wild and Cultivated Oregano (Origanum vulgare L.). Horticulturae, 2022, 8, 1042.	1.2	15

#	Article	IF	CITATIONS
167	Chemical profile and in vitro antibacterial potential of essential oils and hydrolat extracts from aerial parts of three wild species of Moroccan Thymus. Scientific African, 2022, 18, e01434.	0.7	2
168	Chemical Composition, Antimicrobial Activity, and Withdrawal Period of Essential Oil-Based Pharmaceutical Formulation in Bovine Mastitis Treatment. International Journal of Environmental Research and Public Health, 2022, 19, 16643.	1.2	7
169	In Vitro Assessment of Antimicrobial Activity of Phytobiotics Composition towards of Avian Pathogenic Escherichia coli (APEC) and Other E. coli Strains Isolated from Broiler Chickens. Antibiotics, 2022, 11, 1818.	1.5	4
170	Investigation of antibacterial activity and mechanism of T. spicata essential oil, and activation of the hydrosol formed as a by-product with UV., 2023, 78, 1161-1170.		1
175	Properties and Mechanism of Antimicrobial Agents from Plant-Derived Essential Oils., 2023, , 1347-1363.		1
177	Application of essential oils and ethanol extracts of Bulgarian white oregano (Origanum) Tj ETQq1 1 0.784314 rg	gBT/Qverlo	ock 10 Tf 5 <mark>0</mark> 5
179	Feed Additives, Their Role, and Technological Properties. , 2023, , 17-45.		0