

Gholamreza Kavvoosi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,404
citations

22
h-index

35
g-index

69
ext. papers

1,710
ext. citations

3.4
avg, IF

5.24
L-index

#	Paper	IF	Citations
67	Anti-oxidative and anti-hyperglycemic properties of Agastache foeniculum essential oil and oily fraction in hyperglycemia-stimulated and lipopolysaccharide-stimulated macrophage cells: In vitro and in silico studies. <i>Journal of Ethnopharmacology</i> , 2022 , 284, 114814	5	1
66	Effect of red laser irradiation and Ajwain essential oil on 2D and 3D culture models of MDA-MB-231 breast cancer cells. <i>Biologia (Poland)</i> , 2022 , 77, 303	1.5	
65	Monitoring amino acid profile and protein quality of Licorice (<i>Glycyrrhiza glabra</i> L.) under drought stress, silicon nutrition and mycorrhiza inoculation. <i>Scientia Horticulturae</i> , 2022 , 295, 110808	4.1	2
64	Manipulation of fatty acid profile and nutritional quality of <i>Chlorella vulgaris</i> by supplementing with citrus peel fatty acid.. <i>Scientific Reports</i> , 2022 , 12, 8151	4.9	0
63	Manipulation of <i>Chlorella vulgaris</i> polyunsaturated Ω 3 fatty acid profile by supplementation with vegetable amino acids and fatty acids. <i>Phycological Research</i> , 2021 , 69, 116-123	1.3	1
62	Amino acid profile of the peel of three citrus species and its effect on the combination of amino acids and fatty acids <i>Chlorella vulgaris</i> . <i>Journal of Food Composition and Analysis</i> , 2021 , 98, 103808	4.1	8
61	In-vitro, in-vivo, and in-silico assessment of radical scavenging and cytotoxic activities of <i>Oliveria decumbens</i> essential oil and its main components. <i>Scientific Reports</i> , 2021 , 11, 14281	4.9	3
60	Synergistic effect of <i>Zataria Multiflora</i> essential oil on doxorubicin-induced growth inhibition of PC3 cancer cells and apoptosis. <i>Complementary Therapies in Clinical Practice</i> , 2021 , 42, 101286	3.5	6
59	Development of pre-emergence herbicide based on Arabic gum-gelatin, apple pectin and savory essential oil nano-particles: A potential green alternative to metribuzin. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 756-765	7.9	5
58	In Vitro Anti-diabetic Activity of Free Amino Acid and Protein Amino Acid Extracts from Four Iranian Medicinal Plants 2021 , 45, 443-454		1
57	Chemical composition and evaluation of anti-diabetic activity of oil extracts from <i>Oliveria decumbens</i> , <i>Thymus kotschyanus</i> , <i>Trachyspermum ammi</i> and <i>Zataria multiflora</i> . <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 276-287	2.8	3
56	Development of antioxidant materials based on Persian gum and <i>Zataria</i> essential oil: Modulation of superoxide-producing and nitric oxide-producing enzymes in wheat seedlings. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 34, 102035	4.2	1
55	Protein nutritional quality, amino acid profile, anti-amylase and anti-glucosidase properties of microalgae: Inhibition and mechanisms of action through in vitro and in silico studies. <i>LWT - Food Science and Technology</i> , 2021 , 150, 112023	5.4	2
54	In-vitro and in-vivo anti-breast cancer activity of OEO (<i>Oliveria decumbens</i> vent essential oil) through promoting the apoptosis and immunomodulatory effects. <i>Journal of Ethnopharmacology</i> , 2020 , 248, 112313	5	13
53	Incorporation of <i>Zataria multiflora</i> essential oil into chitosan biopolymer nanoparticles: A nanoemulsion based delivery system to improve the in-vitro efficacy, stability and anticancer activity of ZEO against breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 282-288	7.9	19
52	In vitro and ex vivo anti-diabetic and anti-hyperglycemic properties of <i>Zataria multiflora</i> essential oil. <i>Molecular Biology Reports</i> , 2020 , 47, 7805-7813	2.8	2
51	In vitro antioxidant and antidiabetic activity of essential oils encapsulated in gelatin-pectin particles against sugar, lipid and protein oxidation and amylase and glucosidase activity. <i>Food Science and Nutrition</i> , 2020 , 8, 6457-6466	3.2	7

50	Evaluating the In vitro anti-cancer potential of estragole from the essential oil of <i>Agastache foeniculum</i> [Pursh.] Kuntze. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 27, 101727	4.2	2
49	Stabilization of <i>Zataria</i> essential oil with pectin-based nanoemulsion for enhanced cytotoxicity in monolayer and spheroid drug-resistant breast cancer cell cultures and deciphering its binding mode with gDNA. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 3645-3655	7.9	15
48	In-vitro (2D and 3D cultures) and in-vivo cytotoxic properties of <i>Zataria multiflora</i> essential oil (ZEO) emulsion in breast and cervical cancer cells along with the investigation of immunomodulatory potential. <i>Journal of Ethnopharmacology</i> , 2020 , 257, 112865	5	9
47	Physical, thermal, antioxidant and antimicrobial properties of starches from corn, oat, and wheat enriched with <i>Zataria</i> essential oil. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2019 , 19, 100193	3.4	6
46	The antioxidant activity of <i>Trachyspermum ammi</i> essential oil and thymol in murine macrophages. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 20, 101220	4.2	8
45	The emulsion made with essential oil and aromatic water from <i>Oliveria decumbens</i> protects murine macrophages from LPS-induced oxidation and exerts relevant radical scavenging activities. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 17, 538-544	4.2	12
44	Microencapsulation of <i>zataria</i> essential oil in agar, alginate and carrageenan. <i>Innovative Food Science and Emerging Technologies</i> , 2018 , 45, 418-425	6.8	31
43	How exogenous nitric oxide regulates nitrogen assimilation in wheat seedlings under different nitrogen sources and levels. <i>PLoS ONE</i> , 2018 , 13, e0190269	3.7	32
42	Metal oxides as a biostimulator for upregulation of genes involved in the biosynthesis of Rebaudioside- A. <i>Cellular and Molecular Biology</i> , 2018 , 64, 32-38	1.1	
41	In-vitro evaluation of apoptotic effect of OEO and thymol in 2D and 3D cell cultures and the study of their interaction mode with DNA. <i>Scientific Reports</i> , 2018 , 8, 15787	4.9	42
40	Oxidative DNA damage induced by ROS-modulating agents with the ability to target DNA: A comparison of the biological characteristics of citrus pectin and apple pectin. <i>Scientific Reports</i> , 2018 , 8, 13902	4.9	63
39	Preparation and characterization of potato starch-thymol dispersion and film as potential antioxidant and antibacterial materials. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 173-179	7.9	37
38	Exogenous Ammonium Nitrate and Urea Effects as Sources of Nitrogen on Nitrate Assimilation, Photosynthetic Pigments and Biochemical Characteristics in <i>Zea mays</i> L. 2017 , 41, 95-101		2
37	Physicochemical, antioxidant and antibacterial properties of dispersion made from tapioca and gelatinized tapioca starch incorporated with carvacrol. <i>LWT - Food Science and Technology</i> , 2017 , 77, 503-509	5.4	25
36	Chitosan promotes ROS-mediated apoptosis and S phase cell cycle arrest in triple-negative breast cancer cells: evidence for intercalative interaction with genomic DNA. <i>RSC Advances</i> , 2017 , 7, 43141-43150	3.7	26
35	Monitoring ZEO apoptotic potential in 2D and 3D cell cultures and associated spectroscopic evidence on mode of interaction with DNA. <i>Scientific Reports</i> , 2017 , 7, 2553	4.9	21
34	Preparation and characterization of a novel gelatin/poly(vinyl alcohol) hydrogel film loaded with <i>Zataria multiflora</i> essential oil for antibacterial antioxidant wound-dressing applications. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45351	2.9	22
33	Chemical composition, radical scavenging and anti-oxidant capacity of <i>Ocimum Basilicum</i> essential oil. <i>Journal of Essential Oil Research</i> , 2017 , 29, 189-199	2.3	12

32	Nitrate reductase, nitrite reductase, glutamine synthetase, and glutamate synthase expression and activity in response to different nitrogen sources in nitrogen-starved wheat seedlings. <i>Biotechnology and Applied Biochemistry</i> , 2016 , 63, 220-9	2.8	40
31	Up-regulation of wheat nitric oxide synthase gene in response to Zataria multiflora essential oil dispersion. <i>Australian Journal of Crop Science</i> , 2016 , 10, 1207-1212	0.5	
30	Physical, mechanical, water binding, and antioxidant properties of cellulose dispersions and cellulose film incorporated with pomegranate seed extract. <i>International Journal of Food Properties</i> , 2016 , 1-14	3	8
29	Temporal characterization of 2-phenylethanol in strongly and weakly scented genotypes of damask rose. <i>Physiology and Molecular Biology of Plants</i> , 2015 , 21, 43-9	2.8	6
28	Mechanical and water binding properties of carboxymethyl cellulose/multiwalled carbon nanotube nanocomposites. <i>Polymer Composites</i> , 2015 , 36, 145-152	3	11
27	Zataria multiflora: chemical and biological diversity in the essential oil. <i>Journal of Essential Oil Research</i> , 2015 , 27, 428-436	2.3	26
26	Effects of essential oil on the water binding capacity, physico-mechanical properties, antioxidant and antibacterial activity of gelatin films. <i>LWT - Food Science and Technology</i> , 2014 , 57, 556-561	5.4	86
25	Chemical composition, antioxidant, antimicrobial and cytotoxic activities of Tagetes minuta and Ocimum basilicum essential oils. <i>Food Science and Nutrition</i> , 2014 , 2, 146-55	3.2	85
24	Investigation of mechanical properties, antibacterial features, and water vapor permeability of polyvinyl alcohol thin films reinforced by glutaraldehyde and multiwalled carbon nanotube. <i>Polymer Composites</i> , 2014 , 35, 1736-1743	3	29
23	Investigation of gelatin/multi-walled carbon nanotube nanocomposite films as packaging materials. <i>Food Science and Nutrition</i> , 2014 , 2, 65-73	3.2	32
22	Antioxidant, antifungal, water binding, and mechanical properties of poly(vinyl alcohol) film incorporated with essential oil as a potential wound dressing material. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	28
21	Anti-oxidative and anti-inflammatory effects of Tagetes minuta essential oil in activated macrophages. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014 , 4, 219-27	1.4	34
20	Chemical and Biological Properties of Trachyspermum ammi Encapsulated in Gelatin Nanofilms. <i>International Journal of Infection</i> , 2014 , 1,	1.4	4
19	Analysis of nitrate reductase mRNA expression and nitrate reductase activity in response to nitrogen supply. <i>Molecular Biology Research Communications</i> , 2014 , 3, 75-84	1.6	3
18	Scolicidal effectiveness of essential oil from Zataria multiflora and Ferula assafoetida: disparity between phenolic monoterpenes and disulphide compounds. <i>Comparative Clinical Pathology</i> , 2013 , 22, 999-1005	0.9	13
17	Antioxidant and Antibacterial Properties of Gelatin Films Incorporated with Carvacrol. <i>Journal of Food Safety</i> , 2013 , 33, 423-432	2	48
16	Evaluation of antioxidant and antimicrobial activities of essential oils from Carum copticum seed and Ferula assafoetida latex. <i>Journal of Food Science</i> , 2013 , 78, T356-61	3.4	49
15	Anti-inflammatory effect of Mentha longifolia in lipopolysaccharide-stimulated macrophages: reduction of nitric oxide production through inhibition of inducible nitric oxide synthase. <i>Journal of Immunotoxicology</i> , 2013 , 10, 393-400	3.1	20

14	Mechanical, physical, antioxidant, and antimicrobial properties of gelatin films incorporated with thymol for potential use as nano wound dressing. <i>Journal of Food Science</i> , 2013 , 78, E244-50	3.4	150
13	Chemical composition, antioxidant and antimicrobial activities of essential oil obtained from <i>Ferula assa-foetida</i> oleo-gum-resin: effect of collection time. <i>Food Chemistry</i> , 2013 , 138, 2180-7	8.5	81
12	CHEMICAL COMPOSITION, RADICAL SCAVENGING, ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES OF ZATARIA MULTIFLORA BIOSSE ESSENTIAL OIL AND AQUEOUS EXTRACT. <i>Journal of Food Safety</i> , 2012 , 32, 326-332	2	9
11	Inhibitory effects of <i>Zataria multiflora</i> essential oil and its main components on nitric oxide and hydrogen peroxide production in lipopolysaccharide-stimulated macrophages. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 1491-500	4.8	50
10	Inhibitory effects of <i>Zataria multiflora</i> essential oil and its main components on nitric oxide and hydrogen peroxide production in glucose-stimulated human monocyte. <i>Food and Chemical Toxicology</i> , 2012 , 50, 3079-85	4.7	21
9	Radical scavenging properties of essential oils from <i>Zataria multiflora</i> and <i>Ferula assafoetida</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012 , 2, S1351-S1356	1.4	3
8	Antioxidant, nitric oxide scavenging and malondialdehyde scavenging activities of essential oils from different chemotypes of <i>Zataria multiflora</i> . <i>Natural Product Research</i> , 2012 , 26, 2144-7	2.3	15
7	<i>Leishmania major</i> lipophosphoglycan: discrepancy in Toll-like receptor signaling. <i>Experimental Parasitology</i> , 2010 , 124, 214-8	2.1	22
6	The involvement of TLR2 in cytokine and reactive oxygen species (ROS) production by PBMCs in response to <i>Leishmania major</i> phosphoglycans (PGs). <i>Parasitology</i> , 2009 , 136, 1193-9	2.7	45
5	<i>Leishmania major</i> : effects of proteophosphoglycan on reactive oxygen species, IL-12, IFN-gamma and IL-10 production in healthy individuals. <i>Experimental Parasitology</i> , 2008 , 120, 62-6	2.1	5
4	<i>Leishmania major</i> : Reactive oxygen species and interferon gamma induction by soluble lipophosphoglycan of stationary phase promastigotes. <i>Experimental Parasitology</i> , 2006 , 114, 323-8	2.1	14
3	Production of nitric oxide by murine macrophages induced by lipophosphoglycan of <i>Leishmania major</i> . <i>Korean Journal of Parasitology</i> , 2006 , 44, 35-41	1.7	9
2	Study of interleukin-10 and interleukin-12 productions in response to lipopolysaccharides extracted from two different <i>Brucella</i> strains. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2002 , 25, 85-93	2.6	19
1	Antiviral activity and tobacco-induced resistance, mediated by essential oil nano-emulsions from <i>Zataria multiflora</i> and <i>Satureja bakhtiarica</i> . <i>International Journal of Pest Management</i> , 1-13	1.5	0