Gholamreza Kavoosi

List of Publications by Citations

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	Mechanical, physical, antioxidant, and antimicrobial properties of gelatin films incorporated with thymol for potential use as nano wound dressing. *Journal of Food Science*, **2013**, 78, E244-50	3.4	150
66	Effects of essential oil on the water binding capacity, physico-mechanical properties, antioxidant and antibacterial activity of gelatin films. *LWT - Food Science and Technology*, **2014**, 57, 556-561	5.4	86
65	Chemical composition, antioxidant, antimicrobial and cytotoxic activities of Tagetes minuta and Ocimum basilicum essential oils. *Food Science and Nutrition*, **2014**, 2, 146-55	3.2	85
64	Chemical composition, antioxidant and antimicrobial activities of essential oil obtained from Ferula assa-foetida oleo-gum-resin: effect of collection time. *Food Chemistry*, **2013**, 138, 2180-7	8.5	81
63	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. *Scientific Reports*, **2018**, 8, 13902	4.9	63
62	Inhibitory effects of Zataria multiflora essential oil and its main components on nitric oxide and hydrogen peroxide production in lipopolysaccharide-stimulated macrophages. *Journal of Pharmacy and Pharmacology*, **2012**, 64, 1491-500	4.8	50
61	Evaluation of antioxidant and antimicrobial activities of essential oils from Carum copticum seed and Ferula assafoetida latex. *Journal of Food Science*, **2013**, 78, T356-61	3.4	49
60	Antioxidant and Antibacterial Properties of Gelatin Films Incorporated with Carvacrol. *Journal of Food Safety*, **2013**, 33, 423-432	2	48
59	The involvement of TLR2 in cytokine and reactive oxygen species (ROS) production by PBMCs in response to Leishmania major phosphoglycans (PGs). *Parasitology*, **2009**, 136, 1193-9	2.7	45
58	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. *Scientific Reports*, **2018**, 8, 15787	4.9	42
57	Nitrate reductase, nitrite reductase, glutamine synthetase, and glutamate synthase expression and activity in response to different nitrogen sources in nitrogen-starved wheat seedlings. *Biotechnology and Applied Biochemistry*, **2016**, 63, 220-9	2.8	40
56	Preparation and characterization of potato starch-thymol dispersion and film as potential antioxidant and antibacterial materials. *International Journal of Biological Macromolecules*, **2017**, 104, 173-179	7.9	37
55	Anti-oxidative and anti-inflammatory effects of Tagetes minuta essential oil in activated macrophages. *Asian Pacific Journal of Tropical Biomedicine*, **2014**, 4, 219-27	1.4	34
54	Investigation of gelatin/multi-walled carbon nanotube nanocomposite films as packaging materials. *Food Science and Nutrition*, **2014**, 2, 65-73	3.2	32
53	How exogenous nitric oxide regulates nitrogen assimilation in wheat seedlings under different nitrogen sources and levels. *PLoS ONE*, **2018**, 13, e0190269	3.7	32
52	Microencapsulation of zataria essential oil in agar, alginate and carrageenan. *Innovative Food Science and Emerging Technologies*, **2018**, 45, 418-425	6.8	31
51	Investigation of mechanical properties, antibacterial features, and water vapor permeability of polyvinyl alcohol thin films reinforced by glutaraldehyde and multiwalled carbon nanotube. *Polymer Composites*, **2014**, 35, 1736-1743	3	29

50	Antioxidant, antifungal, water binding, and mechanical properties of poly(vinyl alcohol) film incorporated with essential oil as a potential wound dressing material. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	28
49	Chitosan promotes ROS-mediated apoptosis and S phase cell cycle arrest in triple-negative breast cancer cells: evidence for intercalative interaction with genomic DNA. *RSC Advances*, **2017**, 7, 43141-43150	3.7	26
48	Zataria multiflora: chemical and biological diversity in the essential oil. *Journal of Essential Oil Research*, **2015**, 27, 428-436	2.3	26
47	Physicochemical, antioxidant and antibacterial properties of dispersion made from tapioca and gelatinized tapioca starch incorporated with carvacrol. *LWT - Food Science and Technology*, **2017**, 77, 503-509	5.4	25
46	Preparation and characterization of a novel gelatin–poly(vinyl alcohol) hydrogel film loaded with Zataria multiflora essential oil for antibacterial–antioxidant wound-dressing applications. *Journal of Applied Polymer Science*, **2017**, 134, 45351	2.9	22
45	Leishmania major lipophosphoglycan: discrepancy in Toll-like receptor signaling. *Experimental Parasitology*, **2010**, 124, 214-8	2.1	22
44	Monitoring ZEO apoptotic potential in 2D and 3D cell cultures and associated spectroscopic evidence on mode of interaction with DNA. *Scientific Reports*, **2017**, 7, 2553	4.9	21
43	Inhibitory effects of Zataria multiflora essential oil and its main components on nitric oxide and hydrogen peroxide production in glucose-stimulated human monocyte. *Food and Chemical Toxicology*, **2012**, 50, 3079-85	4.7	21
42	Anti-inflammatory effect of Mentha longifolia in lipopolysaccharide-stimulated macrophages: reduction of nitric oxide production through inhibition of inducible nitric oxide synthase. *Journal of Immunotoxicology*, **2013**, 10, 393-400	3.1	20
41	Study of interleukin-10 and interleukin-12 productions in response to lipopolysaccharides extracted from two different Brucella strains. *Comparative Immunology, Microbiology and Infectious Diseases*, **2002**, 25, 85-93	2.6	19
40	Incorporation of Zataria multiflora 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. *International Journal of Biological Macromolecules*, **2020**, 143, 382-392	7.9	19
39	Antioxidant, nitric oxide scavenging and malondialdehyde scavenging activities of essential oils from different chemotypes of Zataria multiflora. *Natural Product Research*, **2012**, 26, 2144-7	2.3	15
38	Stabilization of Zataria 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. *International Journal of Biological Macromolecules*, **2020**, 164, 3645-3655	7.9	15
37	Leishmania major: Reactive oxygen species and interferon gamma induction by soluble lipophosphoglycan of stationary phase promastigotes. *Experimental Parasitology*, **2006**, 114, 323-8	2.1	14
36	Scolicidal effectiveness of essential oil from Zataria multiflora and Ferula assafoetida: disparity between phenolic monoterpenes and disulphide compounds. *Comparative Clinical Pathology*, **2013**, 22, 999-1005	0.9	13
35	In-vitro and in-vivo anti-breast cancer activity of OEO (Oliveria decumbens vent essential oil) through promoting the apoptosis and immunomodulatory effects. *Journal of Ethnopharmacology*, **2020**, 248, 112313	5	13
34	Chemical composition, radical scavenging and anti-oxidant capacity of Ocimum Basilicum essential oil. *Journal of Essential Oil Research*, **2017**, 29, 189-199	2.3	12
33	The emulsion made with essential oil and aromatic water from Oliveria decumbens protects murine macrophages from LPS-induced oxidation and exerts relevant radical scavenging activities. *Biocatalysis and Agricultural Biotechnology*, **2019**, 17, 538-544	4.2	12

32	Mechanical and water binding properties of carboxymethyl cellulose/multiwalled carbon nanotube nanocomposites. *Polymer Composites*, **2015**, 36, 145-152	3	11
31	CHEMICAL COMPOSITION, RADICAL SCAVENGING, ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES OF ZATARIA MULTIFLORA BIOSS ESSENTIAL OIL AND AQUEOUS EXTRACT. *Journal of Food Safety*, **2012**, 32, 326-332	2	9
30	Production of nitric oxide by murine macrophages induced by lipophosphoglycan of Leishmania major. *Korean Journal of Parasitology*, **2006**, 44, 35-41	1.7	9
29	In-vitro (2D and 3D cultures) and in-vivo cytotoxic properties of Zataria multiflora essential oil (ZEO) emulsion in breast and cervical cancer cells along with the investigation of immunomodulatory potential. *Journal of Ethnopharmacology*, **2020**, 257, 112865	5	9
28	The antioxidant activity of Trachyspermum ammi essential oil and thymol in murine macrophages. *Biocatalysis and Agricultural Biotechnology*, **2019**, 20, 101220	4.2	8
27	Amino acid profile of the peel of three citrus species and its effect on the combination of amino acids and fatty acids Chlorella vulgaris. *Journal of Food Composition and Analysis*, **2021**, 98, 103808	4.1	8
26	Physical, mechanical, water binding, and antioxidant properties of cellulose dispersions and cellulose film incorporated with pomegranate seed extract. *International Journal of Food Properties*, **2016**, 1-14	3	8
25	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. *Food Science and Nutrition*, **2020**, 8, 6457-6466	3.2	7
24	Physical, thermal, antioxidant and antimicrobial properties of starches from corn, oat, and wheat enriched with Zataria essential oil. *Bioactive Carbohydrates and Dietary Fibre*, **2019**, 19, 100193	3.4	6
23	Temporal characterization of 2-phenylethanol in strongly and weakly scented genotypes of damask rose. *Physiology and Molecular Biology of Plants*, **2015**, 21, 43-9	2.8	6
22	Synergistic effect of Zataria Multiflora essential oil on doxorubicin-induced growth inhibition of PC3 cancer cells and apoptosis. *Complementary Therapies in Clinical Practice*, **2021**, 42, 101286	3.5	6
21	Leishmania major: effects of proteophosphoglycan on reactive oxygen species, IL-12, IFN-gamma and IL-10 production in healthy individuals. *Experimental Parasitology*, **2008**, 120, 62-6	2.1	5
20	Development of pre-emergence herbicide based on Arabic gum-gelatin, apple pectin and savory essential oil nano-particles: A potential green alternative to metribuzin. *International Journal of Biological Macromolecules*, **2021**, 167, 756-765	7.9	5
19	Chemical and Biological Properties of Trachyspermum ammiEncapsulated in Gelatin Nanofilms. *International Journal of Infection*, **2014**, 1,	1.4	4
18	Radical scavenging properties of essential oils from Zataria multiflora and Ferula assafoetida. *Asian Pacific Journal of Tropical Biomedicine*, **2012**, 2, S1351-S1356	1.4	3
17	Analysis of nitrate reductase mRNA expression and nitrate reductase activity in response to nitrogen supply. *Molecular Biology Research Communications*, **2014**, 3, 75-84	1.6	3
16	In-vitro, in-vivo, and in-silico assessment of radical scavenging and cytotoxic activities of Oliveria decumbens essential oil and its main components. *Scientific Reports*, **2021**, 11, 14281	4.9	3
15	Chemical composition and evaluation of anti-diabetic activity of oil extracts from Oliveria decumbens, Thymus kotschyanus, Trachyspermum ammi and Zataria multiflora. *Journal of Food Measurement and Characterization*, **2021**, 15, 276-287	2.8	3

List of Publications

14	Exogenous Ammonium Nitrate and Urea Effects as Sources of Nitrogen on Nitrate Assimilation, Photosynthetic Pigments and Biochemical Characteristics in Zea mays L. **2017**, 41, 95-101		2
13	Monitoring amino acid profile and protein quality of Licorice (Glycyrrhiza glabra L.) under drought stress, silicon nutrition and mycorrhiza inoculation. *Scientia Horticulturae*, **2022**, 295, 110808	4.1	2
12	In vitro and ex vivo anti-diabetic and anti-hyperglycemic properties of Zataria multiflora essential oil. *Molecular Biology Reports*, **2020**, 47, 7805-7813	2.8	2
11	Evaluating the In vitro anti-cancer potential of estragole from the essential oil of Agastache foeniculum [Pursh.] Kuntze. *Biocatalysis and Agricultural Biotechnology*, **2020**, 27, 101727	4.2	2
10	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. *LWT - Food Science and Technology*, **2021**, 150, 112023	5.4	2
9	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. *Journal of Ethnopharmacology*, **2022**, 284, 114814	5	1
8	Manipulation of Chlorella vulgaris polyunsaturated Ⅲ fatty acid profile by supplementation with vegetable amino acids and fatty acids. *Phycological Research*, **2021**, 69, 116-123	1.3	1
7	In Vitro Anti-diabetic Activity of Free Amino Acid and Protein Amino Acid Extracts from Four Iranian Medicinal Plants **2021**, 45, 443-454		1
6	Development of antioxidant materials based on Persian gum and Zataria essential oil: Modulation of superoxide-producing and nitric oxide-producing enzymes in wheat seedlings. *Biocatalysis and Agricultural Biotechnology*, **2021**, 34, 102035	4.2	1
5	Antiviral activity and tobacco-induced resistance, mediated by essential oil nano-emulsions from Zataria multiflora and Satureja bakhtiarica. *International Journal of Pest Management*,1-13	1.5	0
4	Manipulation of fatty acid profile and nutritional quality of Chlorella vulgaris by supplementing with citrus peel fatty acid.. *Scientific Reports*, **2022**, 12, 8151	4.9	0
3	Effect of red laser irradiation and Ajwain essential oil on 2D and 3D culture models of MDA-MB-231 breast cancer cells. *Biologia (Poland)*, **2022**, 77, 303	1.5	
2	Metal oxides as a biostimulator for upregulation of genes involved in the biosynthesis of Rebaudioside- A. *Cellular and Molecular Biology*, **2018**, 64, 32-38	1.1	
1	Up-regulation of wheat nitric oxide synthase gene in response to Zataria multiflora essential oil dispersion. *Australian Journal of Crop Science*, **2016**, 10, 1207-1212	0.5	