

Mahfuz Elmastaş

List of Publications by Citations

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54
papers

2,904
citations

24
h-index

53
g-index

55
ext. papers

3,338
ext. citations

3.5
avg, IF

5.1
L-index

#	Paper	IF	Citations
54	Radical scavenging and antioxidant activity of tannic acid. <i>Arabian Journal of Chemistry</i> , 2010 , 3, 43-53	5.9	468
53	Comparison of antioxidant activity of clove (<i>Eugenia caryophyllata</i> Thunb) buds and lavender (<i>Lavandula stoechas</i> L.). <i>Food Chemistry</i> , 2004 , 87, 393-400	8.5	312
52	Determination of antioxidant activity and antioxidant compounds in wild edible mushrooms. <i>Journal of Food Composition and Analysis</i> , 2007 , 20, 337-345	4.1	247
51	Antioxidant activity of clove oil [A powerful antioxidant source. <i>Arabian Journal of Chemistry</i> , 2012 , 5, 489-499	5.9	235
50	Determination of antioxidant and radical scavenging activity of Basil (<i>Ocimum basilicum</i> L. Family Lamiaceae) assayed by different methodologies. <i>Phytotherapy Research</i> , 2007 , 21, 354-61	6.7	208
49	In vitro antioxidant properties of morphine. <i>Pharmacological Research</i> , 2004 , 49, 59-66	10.2	120
48	A Study on the In Vitro Antioxidant Activity of Juniper (<i>Juniperus communis</i> L.) Fruit Extracts. <i>Analytical Letters</i> , 2006 , 39, 47-65	2.2	100
47	Analysis of heavy metals in some wild-grown edible mushrooms from the middle black sea region, Turkey. <i>Food Chemistry</i> , 2004 , 86, 547-552	8.5	94
46	Determination of iron, copper, manganese, zinc, lead, and cadmium in mushroom samples from Tokat, Turkey. <i>Food Chemistry</i> , 2004 , 84, 389-392	8.5	83
45	Responses of the phenolic compounds of Zea mays under heavy metal stress. <i>Applied Biological Chemistry</i> , 2016 , 59, 813-820	2.9	83
44	Fatty acid composition in some wild edible mushrooms growing in the middle Black Sea region of Turkey. <i>Food Chemistry</i> , 2006 , 99, 168-174	8.5	82
43	Isolation and identification of chemical constituents from <i>Origanum majorana</i> and investigation of antiproliferative and antioxidant activities. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 822-36	4.3	73
42	Antioxidant activity of two wild edible mushrooms (<i>Morchella vulgaris</i> and <i>Morchella esculanta</i>) from North Turkey. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2006 , 9, 443-8	1.3	70
41	Antioxidant, electrochemical, thermal, antimicrobial and alkane oxidation properties of tridentate Schiff base ligands and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 81, 184-98	4.4	67
40	Antioxidant Activity of S-Carvone Isolated from Spearmint (<i>Mentha Spicata</i> L. Fam Lamiaceae). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006 , 29, 1465-1475	1.3	61
39	Studies on the antioxidant potential of flavones of <i>Allium vineale</i> isolated from its water-soluble fraction. <i>Food Chemistry</i> , 2013 , 136, 34-40	8.5	60
38	Changes in flavonoid and phenolic acid contents in some <i>Rosa</i> species during ripening. <i>Food Chemistry</i> , 2017 , 235, 154-159	8.5	43

37	Bioaccumulation of Heavy Metals in Some Wild-Grown Edible Mushrooms. <i>Analytical Letters</i> , 2007 , 40, 1099-1116	2.2	42
36	Bioassay-guided isolation, identification of compounds from <i>Origanum rotundifolium</i> and investigation of their antiproliferative and antioxidant activities. <i>Pharmaceutical Biology</i> , 2017 , 55, 1646-1653	3.8	39
35	Isoeugenol-based novel potent antioxidants: synthesis and reactivity. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4618-24	6.8	36
34	Chemical Constituents, Quantitative Analysis and Antioxidant Activities of <i>Echinacea purpurea</i> (L.) Moench and <i>Echinacea pallida</i> (Nutt.) Nutt.. <i>Journal of Food Biochemistry</i> , 2015 , 39, 622-630	3.3	31
33	Determination of Antioxidant Activity of Marshmallow Flower (<i>Althaea officinalis</i> L.). <i>Analytical Letters</i> , 2004 , 37, 1859-1869	2.2	29
32	New bio-active azo-azomethine based Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2016 , 444, 166-175	2.7	26
31	Antioxidant activity of an anatolian herbal tea <i>Origanum minutiflorum</i> : isolation and characterization of its secondary metabolites. <i>International Journal of Food Properties</i> , 2018 , 21, 374-384	3	25
30	Isolation and identification of a new neo-clerodane diterpenoid from <i>Teucrium chamaedrys</i> L. <i>Natural Product Research</i> , 2016 , 30, 299-304	2.3	21
29	Antioxidant activity and chemical composition of <i>Sideritis libanotica</i> Labill. ssp. <i>linearis</i> (Benth) Borm. (Lamiaceae). <i>Natural Product Research</i> , 2011 , 25, 1512-23	2.3	20
28	Ecological variation of yield and aroma components of summer savory (<i>Satureja hortensis</i> L.). <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2017 , 7, 131-135	2.6	17
27	Bioassay-guided isolation and identification of antioxidant flavonoids from (Labill.) Manden and Scheng. <i>Pharmacognosy Magazine</i> , 2017 , 13, 316-320	0.8	15
26	The effect of commercial conjugated linoleic acid products on experimental periodontitis and diabetes mellitus in Wistar rats. <i>Acta Odontologica Scandinavica</i> , 2017 , 75, 21-29	2.2	14
25	Synthesis, structural characterization, electrochemical, photoluminescence, antiproliferative and antioxidant properties of Co(II), Cu(II) and Zn(II) complexes bearing the azo-azomethine ligands. <i>Journal of Molecular Structure</i> , 2019 , 1182, 63-71	3.4	14
24	Half-sandwich Ruthenium(II) arene complexes bearing the azo-azomethine ligands: Electrochemical, computational, antiproliferative and antioxidant properties. <i>Journal of Organometallic Chemistry</i> , 2018 , 870, 76-89	2.3	14
23	Rapid synthesis of novel 1,8-dioxoacridine carboxylic acid derivatives by microwave irradiation and their free radical scavenging activity. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3752-3759	2.2	13
22	Determinations of Copper, Zinc, Cadmium, and Nickel in Cows, Goats, Ewes and Human Milk Samples Using Flame Atomic Absorption Spectrometry (FAAS) Microwave Digestion. <i>Analytical Letters</i> , 2005 , 38, 157-165	2.2	12
21	Effect of melatonin on lipid peroxidation, glutathione and glutathione-dependent enzyme activities in experimental otitis media with effusion in guinea pigs. <i>Journal of Pineal Research</i> , 2005 , 39, 283-6	10.4	12
20	Variation in essential oil composition of coriander (<i>Coriandrum sativum</i> L.) varieties cultivated in two different ecologies. <i>Journal of Essential Oil Research</i> , 2017 , 29, 494-498	2.3	10

19	Studies on the Antioxidant and Antiproliferative Potentials of <i>Cirsium arvense</i> subsp. <i>vestitum</i> . <i>Journal of Food Biochemistry</i> , 2017 , 41, e12299	3.3	9
18	A study on 4-acylamino-4,5-dihydro-1H-1,2,4-triazol-5-ones. <i>Molecules</i> , 2007 , 12, 1805-16	4.8	9
17	Fatty acid composition and antioxidant capacity of some medicinal mushrooms in Turkey. <i>Journal of Applied Biological Chemistry</i> , 2017 , 60, 35-39	0.7	9
16	Isolation, identification of secondary metabolites from and evaluation of their antioxidative properties. <i>Natural Product Research</i> , 2019 , 33, 3592-3595	2.3	9
15	Comparison of total phenolic contents and antioxidant capacities in mint genotypes used as spices / Baharat olarak kullanılan nane genotiplerinin toplam fenolik içerikleri ve antioksidan kapasitelerinin karşılaştırılması. <i>Turkish Journal of Biochemistry</i> , 2015 , 40,	0.3	8
14	Chemical composition and antioxidant activity of <i>Ocimum minimum</i> essential oils. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 568-571	0.7	8
13	Preparation, GIAO NMR calculations and acidic properties of some novel 4,5-dihydro-1H-1,2,4-triazol-5-one derivatives with their antioxidant activities. <i>International Journal of Molecular Sciences</i> , 2008 , 9, 12-32	6.3	8
12	Biosynthesis, characterization and antioxidant activity of oleuropein-mediated silver nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2021 , 51, 411-419	1.2	8
11	Quantification of flavonoids isolated from <i>Mentha spicata</i> in selected clones of Turkish mint landraces. <i>Turkish Journal of Chemistry</i> , 2018 , 42, 1695-1705	1	8
10	Analysis of Free Amino Acids and Protein Contents of Mature Human Milk from Turkish Mothers. <i>Analytical Letters</i> , 2008 , 41, 725-736	2.2	7
9	Erythrocyte Membrane Fatty Acid Composition in Premenopausal Patients with Iron Deficiency Anemia. <i>Journal of Oleo Science</i> , 2016 , 65, 225-31	1.6	7
8	Purification and some kinetic properties of catalase from parsley (<i>Petroselinum hortense</i> Hoffm., Apiaceae) leaves. <i>Preparative Biochemistry and Biotechnology</i> , 2007 , 37, 229-38	2.4	6
7	Chemical Constituents Isolated from <i>Rhododendron ungueri</i> with Antioxidant Profile. <i>Natural Products Journal</i> , 2019 , 9, 238-243	0.6	3
6	Evaluation of the Wound Healing Potential of Teucrioside. <i>International Journal of Chemistry and Technology</i> , 2018 , 2, 16-19	0.7	3
5	Isolation and Identification of Functional Components in Seed of Cherry Laurel (<i>Laurocerasus officinalis</i> Roem.) and Investigation of Their Antioxidant Capacity. <i>Journal of Biologically Active Products From Nature</i> , 2013 , 3, 115-120	0.7	2
4	Chemical diversity of wild fennel populations from Turkey. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2019 , 13, 100201	2.6	1
3	Effects of leaf removals on must and wine chemical composition and phenolic compounds of Narince (<i>Vitis vinifera</i>) grape cultivar. <i>Scientia Horticulturae</i> , 2017 , 225, 343-349	4.1	1
2	Four component one-pot synthesis of novel 7,8-dihydroquinolin-5(1H,4H,6H)-one derivatives containing an ionone unit and in vitro antioxidant activity. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 253-260	1.9	1

1	Biological Property of Fritillaria imperialis L. Extract. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> ,1043-1050	0.5	1
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