

# Mahfuz Elmastaş

## 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.

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	Biosynthesis, characterization and antioxidant activity of oleuropein-mediated silver nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , <b>2021</b> , 51, 411-419	1.2	8
53	Chemical diversity of wild fennel populations from Turkey. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , <b>2019</b> , 13, 100201	2.6	1
52	Chemical Constituents Isolated from <i>Rhododendron ungueri</i> with Antioxidant Profile. <i>Natural Products Journal</i> , <b>2019</b> , 9, 238-243	0.6	3
51	Isolation, identification of secondary metabolites from and evaluation of their antioxidative properties. <i>Natural Product Research</i> , <b>2019</b> , 33, 3592-3595	2.3	9
50	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> , <b>2019</b> , 1182, 63-71	3.4	14
49	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> , <b>2018</b> , 21, 374-384 <sup>3</sup>		25
48	Evaluation of the Wound Healing Potential of Teucroside. <i>International Journal of Chemistry and Technology</i> , <b>2018</b> , 2, 16-19	0.7	3
47	Quantification of flavonoids isolated from <i>Mentha spicata</i> in selected clones of Turkish mint landraces. <i>Turkish Journal of Chemistry</i> , <b>2018</b> , 42, 1695-1705	1	8
46	Half-sandwich Ruthenium(II) arene complexes bearing the azo-azomethine ligands: Electrochemical, computational, antiproliferative and antioxidant properties. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 870, 76-89	2.3	14
45	Studies on the Antioxidant and Antiproliferative Potentials of <i>Cirsium arvense</i> subsp. <i>vestitum</i> . <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12299	3.3	9
44	Bioassay-guided isolation, identification of compounds from <i>Origanum rotundifolium</i> and investigation of their antiproliferative and antioxidant activities. <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 1646-1653 <sup>3,8</sup>		39
43	Changes in flavonoid and phenolic acid contents in some <i>Rosa</i> species during ripening. <i>Food Chemistry</i> , <b>2017</b> , 235, 154-159	8.5	43
42	The effect of commercial conjugated linoleic acid products on experimental periodontitis and diabetes mellitus in Wistar rats. <i>Acta Odontologica Scandinavica</i> , <b>2017</b> , 75, 21-29	2.2	14
41	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> , <b>2017</b> , 225, 343-349	4.1	1
40	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> , <b>2017</b> , 7, 131-135	2.6	17
39	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> , <b>2017</b> , 29, 494-498	2.3	10
38	Fatty acid composition and antioxidant capacity of some medicinal mushrooms in Turkey. <i>Journal of Applied Biological Chemistry</i> , <b>2017</b> , 60, 35-39	0.7	9

37	Bioassay-guided isolation and identification of antioxidant flavonoids from (Labill.) Manden and Scheng. <i>Pharmacognosy Magazine</i> , <b>2017</b> , 13, 316-320	0.8	15
36	Isolation and identification of a new neo-clerodane diterpenoid from <i>Teucrium chamaedrys</i> L. <i>Natural Product Research</i> , <b>2016</b> , 30, 299-304	2.3	21
35	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> , <b>2016</b> , 96, 822-363	4.3	73
34	New bio-active azo-azomethine based Cu(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 444, 166-175	2.7	26
33	Erythrocyte Membrane Fatty Acid Composition in Premenopausal Patients with Iron Deficiency Anemia. <i>Journal of Oleo Science</i> , <b>2016</b> , 65, 225-31	1.6	7
32	Responses of the phenolic compounds of <i>Zea mays</i> under heavy metal stress. <i>Applied Biological Chemistry</i> , <b>2016</b> , 59, 813-820	2.9	83
31	Rapid synthesis of novel 1,8-dioxoacridine carboxylic acid derivatives by microwave irradiation and their free radical scavenging activity. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 3752-3759	2.2	13
30	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> , <b>2015</b> , 40,	0.3	8
29	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> , <b>2015</b> , 39, 622-630	3.3	31
28	Studies on the antioxidant potential of flavones of <i>Allium vineale</i> isolated from its water-soluble fraction. <i>Food Chemistry</i> , <b>2013</b> , 136, 34-40	8.5	60
27	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> , <b>2013</b> , 3, 115-120	0.7	2
26	Antioxidant activity of clove oil [A powerful antioxidant source. <i>Arabian Journal of Chemistry</i> , <b>2012</b> , 5, 489-499	5.9	235
25	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> , <b>2012</b> , 49, 253-260	1.9	1
24	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> , <b>2011</b> , 81, 184-98	4.4	67
23	Isoeugenol-based novel potent antioxidants: synthesis and reactivity. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4618-24	6.8	36
22	Antioxidant activity and chemical composition of <i>Sideritis libanotica</i> Labill. ssp. <i>linearis</i> (Bentham) Borm. (Lamiaceae). <i>Natural Product Research</i> , <b>2011</b> , 25, 1512-23	2.3	20
21	Radical scavenging and antioxidant activity of tannic acid. <i>Arabian Journal of Chemistry</i> , <b>2010</b> , 3, 43-53	5.9	468
20	Chemical composition and antioxidant activity of <i>Ocimum minimum</i> essential oils. <i>Chemistry of Natural Compounds</i> , <b>2009</b> , 45, 568-571	0.7	8

19	Analysis of Free Amino Acids and Protein Contents of Mature Human Milk from Turkish Mothers. <i>Analytical Letters</i> , <b>2008</b> , 41, 725-736	2.2	7
18	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> , <b>2008</b> , 9, 12-32	6.3	8
17	A study on 4-acylamino-4,5-dihydro-1H-1,2,4-triazol-5-ones. <i>Molecules</i> , <b>2007</b> , 12, 1805-16	4.8	9
16	Determination of antioxidant activity and antioxidant compounds in wild edible mushrooms. <i>Journal of Food Composition and Analysis</i> , <b>2007</b> , 20, 337-345	4.1	247
15	Determination of antioxidant and radical scavenging activity of Basil ( <i>Ocimum basilicum</i> L. Family Lamiaceae) assayed by different methodologies. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 354-61	6.7	208
14	Purification and some kinetic properties of catalase from parsley ( <i>Petroselinum hortense</i> Hoffm., Apiaceae) leaves. <i>Preparative Biochemistry and Biotechnology</i> , <b>2007</b> , 37, 229-38	2.4	6
13	Bioaccumulation of Heavy Metals in Some Wild-Grown Edible Mushrooms. <i>Analytical Letters</i> , <b>2007</b> , 40, 1099-1116	2.2	42
12	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> , <b>2006</b> , 9, 443-8	1.3	70
11	Antioxidant Activity of S-Carvone Isolated from Spearmint ( <i>Mentha Spicata</i> L. Fam Lamiaceae). <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2006</b> , 29, 1465-1475	1.3	61
10	A Study on the In Vitro Antioxidant Activity of Juniper ( <i>Juniperus communis</i> L.) Fruit Extracts. <i>Analytical Letters</i> , <b>2006</b> , 39, 47-65	2.2	100
9	Fatty acid composition in some wild edible mushrooms growing in the middle Black Sea region of Turkey. <i>Food Chemistry</i> , <b>2006</b> , 99, 168-174	8.5	82
8	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> , <b>2005</b> , 38, 157-165	2.2	12
7	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> , <b>2005</b> , 39, 283-6	10.4	12
6	Determination of iron, copper, manganese, zinc, lead, and cadmium in mushroom samples from Tokat, Turkey. <i>Food Chemistry</i> , <b>2004</b> , 84, 389-392	8.5	83
5	Analysis of heavy metals in some wild-grown edible mushrooms from the middle black sea region, Turkey. <i>Food Chemistry</i> , <b>2004</b> , 86, 547-552	8.5	94
4	Comparison of antioxidant activity of clove ( <i>Eugenia caryophyllata</i> Thunb) buds and lavender ( <i>Lavandula stoechas</i> L.). <i>Food Chemistry</i> , <b>2004</b> , 87, 393-400	8.5	312
3	Determination of Antioxidant Activity of Marshmallow Flower ( <i>Althaea officinalis</i> L.). <i>Analytical Letters</i> , <b>2004</b> , 37, 1859-1869	2.2	29
2	In vitro antioxidant properties of morphine. <i>Pharmacological Research</i> , <b>2004</b> , 49, 59-66	10.2	120

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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