Bektas Tepe

List of Publications by Year in descending order

113 papers	6,434 citations	76326 40 h-index	69250 77 g-index
114 all docs	114 docs citations	114 times ranked	7050 citing authors

#	Article	IF	Citations
1	Antimicrobial and antioxidant activities of the essential oil and various extracts of Salvia tomentosa Miller (Lamiaceae). Food Chemistry, 2005, 90, 333-340.	8.2	536
2	Antioxidant and antimicrobial activity of the essential oil and methanol extracts of Achillea millefolium subsp. millefolium Afan. (Asteraceae). Journal of Ethnopharmacology, 2003, 87, 215-220.	4.1	460
3	Antimicrobial and Antioxidant Activity of the Essential Oil and Methanol Extracts of Thymus pectinatus Fisch. et Mey. Var. pectinatus (Lamiaceae). Journal of Agricultural and Food Chemistry, 2003, 51, 63-67.	5.2	297
4	The in vitro antimicrobial and antioxidant activities of the essential oils and methanol extracts of endemic Thymus spathulifolius. Food Control, 2004, 15, 627-634.	5.5	291
5	Screening of the antioxidant potentials of six Salvia species from Turkey. Food Chemistry, 2006, 95, 200-204.	8.2	275
6	Antimicrobial and antioxidative activities of the essential oils and methanol extracts of Salvia cryptantha (Montbret et Aucher ex Benth.) and Salvia multicaulis (Vahl). Food Chemistry, 2004, 84, 519-525.	8.2	271
7	In Vitro Antioxidant, Antimicrobial, and Antiviral Activities of the Essential Oil and Various Extracts from Herbal Parts and Callus Cultures ofOriganum acutidens. Journal of Agricultural and Food Chemistry, 2004, 52, 3309-3312.	5.2	222
8	Chemical composition, antioxidant and antimicrobial properties of the essential oils of three Salvia species from Turkish flora. Bioresource Technology, 2008, 99, 4096-4104.	9.6	203
9	Antioxidant and DNA damage protection potentials of selected phenolic acids. Food and Chemical Toxicology, 2015, 77, 12-21.	3.6	201
10	In Vitro Antimicrobial and Antioxidant Activities of the Essential Oils and Various Extracts of Thymus eigii M. Zohary et P.H. Davis. Journal of Agricultural and Food Chemistry, 2004, 52, 1132-1137.	5.2	194
11	Antioxidative activity of the essential oils of Thymus sipyleus subsp. sipyleus var. sipyleus and Thymus sipyleus subsp. sipyleus var. rosulans. Journal of Food Engineering, 2005, 66, 447-454.	5.2	142
12	Antioxidant activity of the essential oil and various extracts of Nepeta flavida Hub.-Mor. from Turkey. Food Chemistry, 2007, 103, 1358-1364.	8.2	112
13	Investigation of the antioxidant properties of Ferula orientalis L. using a suitable extraction procedure. Food Chemistry, 2007, 100, 584-589.	8.2	111
14	Antioxidant potentials and rosmarinic acid levels of the methanolic extracts of Salvia virgata (Jacq), Salvia staminea (Montbret & Aucher ex Bentham) and Salvia verbenaca (L.) from Turkey. Bioresource Technology, 2008, 99, 1584-1588.	9.6	108
15	Studies on the antioxidant activity of essential oil and different solvent extracts of Vitex agnus castus L. fruits from Turkey. Food and Chemical Toxicology, 2009, 47, 2479-2483.	3.6	105
16	Screening of the antioxidative and antimicrobial properties of the essential oils of Pimpinella anisetum and Pimpinella flabellifolia from Turkey. Food Chemistry, 2006, 97, 719-724.	8.2	104
17	Evaluation of the antioxidant activity of four edible mushrooms from the Central Anatolia, Eskisehir â€“ Turkey: Lactarius deterrimus, Suillus collitinus, Boletus edulis, Xerocomus chrysenteron. Bioresource Technology, 2008, 99, 6651-6655.	9.6	104
18	Antioxidant potentials and rosmarinic acid levels of the methanolic extracts of Salvia verticillata (L.) subsp. verticillata and S. verticillata (L.) subsp. amasiaca (Freyn & Bornm.) Bornm. Food Chemistry, 2007, 100, 985-989.	8.2	97

#	Article	IF	Citations
19	In vitro antioxidant activities of the methanol extracts of four Helichrysum species from Turkey. Food Chemistry, 2005, 90, 685-689.	8.2	85
20	Compositions and the in vitro antimicrobial activities of the essential oils of Achillea setacea and Achillea teretifolia (Compositae). Journal of Ethnopharmacology, 2002, 83, 117-121.	4.1	84
21	In vitro antioxidant activities of the methanol extracts of five species from Turkey. Food Chemistry, 2005, 92, 89-92.	8.2	84
22	Determination of chemical profile, antioxidant, DNA damage protection and antiamoebic activities of Teucrium polium and Stachys iberica. FÃ¬toterapÃ¬Ã¢, 2011, 82, 237-246.	2.2	84
23	A pharmacological and phytochemical overview onSatureja. Pharmaceutical Biology, 2016, 54, 375-412.	2.9	84
24	Salvia cadmica: Phenolic composition and biological activity. Industrial Crops and Products, 2016, 85, 204-212.	5.2	83
25	Studies on the antioxidant activity of the essential oil and methanol extract of Marrubium globosum subsp. globosum (lamiaceae) by three different chemical assays. Bioresource Technology, 2008, 99, 4239-4246.	9.6	81
26	The in vitro antioxidative properties of the essential oils and methanol extracts of Satureja spicigera (K. Koch.) Boiss. and Satureja cuneifolia ten. Food Chemistry, 2007, 100, 339-343.	8.2	75
27	Antimicrobial and antioxidative activity of the essential oil and various extracts of Cyclotrichium origanifolium (Labill.) Manden. & Scheng.. Journal of Food Engineering, 2005, 69, 335-342.	5.2	72
28	Screening of antioxidative properties of the methanolic extracts of Pelargonium endlicherianum Fenzl., Verbascum wiedemannianum Fisch. & Mey., Sideritis libanotica Labill. subsp. linearis (Bentham) Borm., Centaurea mucronifera DC. and Hieracium cappadocicum Freyn from Turkish flora. Food Chemistry, 2006, 98, 9-13.	8.2	67
29	Metal concentration and antioxidant activity of edible mushrooms from Turkey. Food Chemistry, 2015, 175, 549-555.	8.2	65
30	Chemical characterization and biological activity of Onosma gigantea extracts. Industrial Crops and Products, 2018, 115, 323-329.	5.2	61
31	Chemical composition and antioxidant activity of the essential oil of Clinopodium vulgare L.. Food Chemistry, 2007, 103, 766-770.	8.2	58
32	Evaluation of metal concentration and antioxidant activity of three edible mushrooms from Mugla, Turkey. Food and Chemical Toxicology, 2010, 48, 1230-1233.	3.6	57
33	Screening of the antioxidative properties and total phenolic contents of three endemic Tanacetum subspecies from Turkish flora. Bioresource Technology, 2007, 98, 3076-3079.	9.6	55
34	Production and optimisation of rosmarinic acid bySatureja hortensisL. callus cultures. Natural Product Research, 2007, 21, 1133-1144.	1.8	52
35	Medicinal Uses, Phytochemistry, and Pharmacology of Origanum onites (L.): A Review. Chemistry and Biodiversity, 2016, 13, 504-520.	2.1	47
36	The Role of Nisin, Monolaurin, and EDTA in Antibacterial Effect of Rosmarinus Officinalis L. and Cinnamomum Zeylanicum Blume Essential Oils on Foodborne Pathogens. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1709-1720.	1.9	47

#	Article	IF	Citations
37	Thein vitro antioxidant and antimicrobial activities of the essential oil and various extracts ofOriganum syriacum L varbevanii. Journal of the Science of Food and Agriculture, 2004, 84, 1389-1396.	3.5	45
38	Composition of the essential oils of Tanacetum argyrophyllum (C. Koch) Tvzel. var. argyrophyllum and Tanacetum parthenium (L.) Schultz Bip. (Asteraceae) from Turkey. Biochemical Systematics and Ecology, 2005, 33, 511-516.	1.3	44
39	Essential oil composition and antioxidant activity of Thymus longicaulis C. Presl subsp. longicaulis var . longicaulis. Food and Chemical Toxicology, 2010, 48, 1801-1805.	3.6	44
40	Onosma heterophyllum: Phenolic composition, enzyme inhibitory and antioxidant activities. Industrial Crops and Products, 2018, 111, 179-184.	5.2	44
41	Screening of the Antioxidant Activity of the Essential Oil and Methanol Extract ofMentha pulegiumL. From Turkey. Spectroscopy Letters, 2012, 45, 352-358.	1.0	43
42	Phenolic content, enzyme inhibitory and antioxidative activity potentials of Phlomis nissolii and P. pungens var. pungens. Industrial Crops and Products, 2014, 62, 333-340.	5.2	43
43	Evaluation of antioxidant activities of 3 edible mushrooms: Ramaria flava (Schaef.: Fr.) QuÃ©l., Rhizopogon roseolus (Corda) T.M. Fries., and Russula delica Fr.. Food Science and Biotechnology, 2010, 19, 691-696.	2.6	41
44	In Vitro Evaluation of the Amoebicidal Activity of Garlic (Allium sativum) Extract onAcanthamoeba castellaniiand its Cytotoxic Potential on Corneal Cells. Journal of Ocular Pharmacology and Therapeutics, 2008, 24, 8-14.	1.4	37
45	In vitro amoebicidal activity of Origanum syriacum and Origanum laevigatum on Acanthamoeba castellanii cysts and trophozoites. Experimental Parasitology, 2012, 131, 20-24.	1.2	35
46	Antitumoral Effects of Melissa officinalis on Breast Cancer in Vitro and in Vivo. Asian Pacific Journal of Cancer Prevention, 2012, 13, 2765-2770.	1.2	35
47	Effect of black mulberry (Morus nigra) extract treatment on cognitive impairment and oxidative stress status of <scp>d</scp>-galactose-induced aging mice. Pharmaceutical Biology, 2016, 54, 1052-1064.	2.9	34
48	In vitro amoebicidal activity of four Peucedanum species on Acanthamoeba castellanii cysts and trophozoites. Parasitology Research, 2012, 110, 167-174.	1.6	32
49	Determination of the Antimicrobial and Antioxidative Properties and Total Phenolics of Two â€œEndemicâ€•Lamiaceae Species from Turkey: Ballota rotundifolia L. and Teucrium chamaedrys C. Koch. Plant Foods for Human Nutrition, 2009, 64, 135-140.	3.2	30
50	In vitro effectiveness of Thymus sipyleus subsp. sipyleus var. sipyleus on Acanthamoeba castellanii and its cytotoxic potential on corneal cells. Parasitology Research, 2007, 101, 1551-1555.	1.6	24
51	Phenolic profile, antioxidant and enzyme inhibitory potential of Onosma tauricum var. tauricum. Industrial Crops and Products, 2018, 125, 549-555.	5.2	24
52	Onosma pulchra: Phytochemical composition, antioxidant, skin-whitening and anti-diabetic activity. Industrial Crops and Products, 2020, 154, 112632.	5.2	24
53	Evaluation of in vitro effect of Morus rubra (red mulberry) on survival of periodontal ligament cells. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, e66-e69.	1.4	23
54	Metal Concentrations of Wild Edible Mushrooms from Turkey. Ecology of Food and Nutrition, 2012, 51, 346-363.	1.6	23

#	Article	IF	Citations
55	Effects of Sodium Alginate and Chitosan Coating Combined with Three Different Essential Oils on Microbial and Chemical Attributes of Rainbow Trout Fillets. Journal of Aquatic Food Product Technology, 0, , 1-11.	1.4	23
56	In VitroAmoebicidal Activity ofSalvia stamineaandSalvia caespitosaonAcanthamoeba castellaniiand Their Cytotoxic Potentials on Corneal Cells. Journal of Ocular Pharmacology and Therapeutics, 2009, 25, 293-298.	1.4	22
57	In vitro amoebicidal activities of Satureja cuneifolia and Melissa officinalis on Acanthamoeba castellanii cysts and trophozoites. Parasitology Research, 2012, 110, 2175-2180.	1.6	22
58	Effect of Capparis spinosa L. on cognitive impairment induced by D-galactosein mice via inhibition of oxidative stress. Turkish Journal of Medical Sciences, 2015, 45, 1127-1136.	0.9	22
59	Phlomis armeniaca: Phenolic compounds, enzyme inhibitory and antioxidant activities. Industrial Crops and Products, 2015, 78, 95-101.	5.2	22
60	Phenolic composition, antioxidant and enzyme inhibitory activities of acetone, methanol and water extracts of Clinopodium vulgare L. subsp. vulgare L.. Industrial Crops and Products, 2015, 76, 961-966.	5.2	22
61	In silico analysis of the interactions of certain flavonoids with the receptor-binding domain of 2019 novel coronavirus and cellular proteases and their pharmacokinetic properties. Journal of Biomolecular Structure and Dynamics, 2022, 40, 2460-2474.	3.5	22
62	A significant by-product of the industrial processing of pistachios: shell skin â€“ RP-HPLC analysis, and antioxidant and enzyme inhibitory activities of the methanol extracts of Pistacia vera L. shell skins cultivated in Gaziantep, Turkey. RSC Advances, 2016, 6, 1203-1209.	3.6	21
63	Onosma aucheriana, O. frutescens, and O. sericea: Phytochemical profiling and biological activity. Industrial Crops and Products, 2020, 154, 112633.	5.2	21
64	In vitro amoebicidal activities of Teucrium polium and T. chamaedrys on Acanthamoeba castellanii trophozoites and cysts. Parasitology Research, 2012, 110, 1773-1778.	1.6	20
65	Traditional use, biological activity potential and toxicity of Pimpinella species. Industrial Crops and Products, 2015, 69, 153-166.	5.2	20
66	Fatty acid composition, enzyme inhibitory, and antioxidant activities of the ethanol extracts of selected wild edible plants consumed as vegetables in the Aegean region of Turkey. International Journal of Food Properties, 2017, 20, 560-572.	3.0	20
67	Phenolic profile, enzyme inhibitory and antioxidant activities of two endemic Nepeta species: Nepeta nuda subsp. glandulifera and N. cadmea. South African Journal of Botany, 2019, 120, 298-301.	2.5	20
68	Chemical composition, antioxidant, and enzyme inhibitory activities of the essential oils of three Phlomis species as well as their fatty acid compositions. Food Science and Biotechnology, 2016, 25, 687-693.	2.6	19
69	A comprehensive study on chemical composition, antioxidant and enzyme inhibition activities of the essential oils of Chenopodium botrys collected from three different parts of Turkey. Industrial Crops and Products, 2017, 107, 326-331.	5.2	19
70	Understanding the molecular interaction of SARS-CoV-2 spike mutants with ACE2 (angiotensin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.5	19
71	Interaction of certain monoterpenoid hydrocarbons with the receptor binding domain of 2019 novel coronavirus (2019-nCoV), transmembrane serine protease 2 (TMPRSS2), cathepsin B, and cathepsin L (CatB/L) and their pharmacokinetic properties. Turkish Journal of Biology, 2020, 44, 242-264.	0.8	18
72	In vitro amoebicidal activity of four Allium species on Acanthamoeba castellanii and their cytotoxic potentials on corneal cells. Parasitology Research, 2007, 101, 397-402.	1.6	17

#	Article	IF	Citations
73	Determination ofIn VitroAntioxidative and Antimicrobial Properties and Total Phenolic Contents ofZiziphora clinopodioides,Cyclotrichium niveum, andMentha longifoliassp.typhoidesvar.typhoides. Journal of Medicinal Food, 2009, 12, 684-689.	1.5	17
74	Essential oil composition and antioxidant activities of alkanet (Alkanna tinctoria subsp. tinctoria). Food Science and Biotechnology, 2010, 19, 1177-1183.	2.6	17
75	Evaluation of the Chemical Composition and Antioxidant Activity of the Peel Oil ofCitrus nobilis. International Journal of Food Properties, 2010, 13, 983-991.	3.0	17
76	Screening of the in vitro amoebicidal activities of Pastinaca armenea (Fisch. & C.A.Mey.) and Inula oculus-christi (L.) on Acanthamoeba castellanii cysts and trophozoites. Parasitology Research, 2012, 110, 565-570.	1.6	17
77	Biological activity and phytochemistry of firethorn (Pyracantha coccinea M.J. Roemer). Journal of Functional Foods, 2015, 19, 669-675.	3.4	17
78	An alternative antioxidative and enzyme inhibitory agent from Turkey: Robinia pseudoacacia L.. Industrial Crops and Products, 2015, 78, 110-115.	5.2	16
79	Two endemic Onosma species (O. sieheana and O. stenoloba): A comparative study including docking data on biological activity and phenolic composition. Industrial Crops and Products, 2020, 154, 112656.	5.2	16
80	Astragalus gymnolobus, A. leporinus var. hirsutus, and A. onobrychis: Phytochemical analysis and biological activity. Industrial Crops and Products, 2020, 150, 112366.	5.2	16
81	Influence of Storage Media Containing Salvia officinalis on Survival of Periodontal Ligament Cells. Journal of Contemporary Dental Practice, 2008, 9, 17-24.	0.5	16
82	Enzyme and Biological Activities of the Water Extracts from the Plants Aesculus hippocastanum, Olea europaea and Hypericum perforatum That Are Used as Folk Remedies in Turkey. Molecules, 2020, 25, 1202.	3.8	15
83	Onosma ambigens: Phytochemical composition, antioxidant and enzyme inhibitory activity. Industrial Crops and Products, 2020, 154, 112651.	5.2	14
84	Screening of Antioxidative Properties and Total Phenolic Compounds of Various Extracts of Three Different Seed of Grape Varieties (Vitis vinifera L.) From Turkish Flora. Pakistan Journal of Biological Sciences, 2007, 10, 403-408.	0.5	14
85	Metal concentration and health risk assessment of wild mushrooms collected from the Black Sea region of Turkey. Environmental Science and Pollution Research, 2020, 27, 26419-26441.	5.3	13
86	Phenolic acid contents, essential oil compositions and antioxidant activities of two varieties ofSalvia euphraticafrom Turkey. Natural Product Research, 2012, 26, 1848-1851.	1.8	12
87	Phenolic composition, antioxidant and enzyme inhibitory activities of ethanol and water extracts of Chenopodium botrys. RSC Advances, 2016, 6, 64986-64992.	3.6	10
88	Sophora alopecuroides var. alopecuroides: Phytochemical composition, antioxidant and enzyme inhibitory activity of the methanolic extract of aerial parts, flowers, leaves, roots, and stems. South African Journal of Botany, 2021, 143, 282-290.	2.5	10
89	Evaluation of the metal concentrations of wild mushroom species with their health risk assessments. Environmental Science and Pollution Research, 2021, 28, 21437-21454.	5.3	10
90	Metal concentration and health risk assessment of fifteen wild mushrooms collected from the Ankara University Campus (Turkey). Environmental Science and Pollution Research, 2020, 27, 32474-32480.	5.3	9

#	Article	IF	Citations
91	Onosma gracilis (Trautv.) and O. oreodoxa (Boiss. & Heldr.): Phytochemistry, in silico docking, antioxidant and enzyme inhibitory activities. South African Journal of Botany, 2021, 143, 410-417.	2.5	9
92	Chemical Composition and Antibacterial and Antioxidant Properties of Essential Oils of Zataria multiflora, Artemisia deracunculus and Mentha piperita. Medical Laboratory Journal, 2019, 13, 1-7.	0.2	8
93	Inhibitory effect of Zataria multiflora Boiss. essential oil, alone and in combination with monolaurin, on Listeria monocytogenes. Veterinary Research Forum, 2016, 7, 7-11.	0.3	8
94	Antitumoral effects of Allium sivasicum on breast cancer in vitro and in vivo. Molecular Biology Reports, 2013, 40, 597-604.	2.3	7
95	Biological and phytochemical evaluation: Pseudevernia furfuracea as an alternative multifunctional agent. Journal of Functional Foods, 2016, 24, 11-17.	3.4	7
96	Metal concentrations of wild mushroom species collected from Belgrad forest (Istanbul, Turkey) with their health risk assessments. Environmental Science and Pollution Research, 2021, 28, 36193-36204.	5.3	7
97	Element concentration, daily intake of elements, and health risk indices of wild mushrooms collected from Belgrad Forest and Ilgaz Mountain National Park (Turkey). Environmental Science and Pollution Research, 2021, 28, 51544-51555.	5.3	7
98	Phenolic composition, enzyme inhibitory, and antioxidant activity of Bituminaria bituminosa. Food Science and Biotechnology, 2016, 25, 1299-1304.	2.6	6
99	Is it possible to use the stalks of Gossypium hirsitum L., an important by-product of cotton cultivation, as an alternative source of bioactive components?. European Food Research and Technology, 2018, 244, 1065-1071.	3.3	6
100	Stachys germanica subsp. heldreichii (Boiss.) Hayek: Phytochemical analysis, antioxidant and enzyme inhibitory activities. South African Journal of Botany, 2020, , .	2.5	6
101	Composition of the Essential Oil ofAchillea schischkiniiSosn. (Asteraceae) from Turkey. Journal of Essential Oil Research, 2005, 17, 575-576.	2.7	5
102	Can the stalks of Papaver somniferum L. be an alternative source of bioactive components?. Industrial Crops and Products, 2018, 115, 1-5.	5.2	5
103	Metal concentration and health risk assessment of eight Russula mushrooms collected from Kizilcahamam-Ankara, Turkey. Environmental Science and Pollution Research, 2021, 28, 15743-15754.	5.3	5
104	Chromatographic profile and antioxidant and enzyme inhibitory activity of Sideritis leptoclada: An endemic plant from Turkey. South African Journal of Botany, 2021, 143, 393-393.	2.5	5
105	Determination of the interaction between the receptor binding domain of 2019-nCoV spike protein, TMPRSS2, cathepsin B and cathepsin L, and glycosidic and aglycon forms of some flavonols. Turkish Journal of Biology, 2021, 45, 484-502.	0.8	5
106	Campanula macrostachya: biological activity and identification of phenolics using a liquid chromatography electrospray ionization tandem mass spectrometry system. Environmental Science and Pollution Research, 2021, 28, 21812-21822.	5.3	4
107	Amoebicidal activity of the rhizomes and aerial parts of Allium sivasicum on Entamoeba histolytica. Parasitology Research, 2012, 111, 59-64.	1.6	3
108	Anticancer and antiangiogenic effects of methanol extracts of Lonicera caprifolium L. on C6 rat glioma cells. Cumhuriyet Medical Journal, 2016, 38, 6.	0.1	3

#	Article	IF	Citations
109	Can Acanthus spinosus be used as an alternative antioxidant and enzyme inhibitory agents?. South African Journal of Botany, 2021, , .	2.5	2
110	Molecular interactions of some phenolics with 2019-nCoV and related pathway elements. International Journal of Secondary Metabolite, 0, , 246-271.	1.3	1
111	Phenolic Acid Composition and Anti-Parasitic Effects of Four Peucedanum Species on Entamoeba histolytica Trophozoites. Iranian Journal of Parasitology, 2015, 10, 420-31.	0.6	1
112	Phenolic profile, antioxidant and enzyme inhibitory activity of the ethyl acetate, methanol and water extracts of Capparis spinosa L.. International Journal of Secondary Metabolite, 0, , .	1.3	0
113	Clarification on a Published Paper in Iran J Parasitol. Iranian Journal of Parasitology, 2015, 10, 669.	0.6	0