

Murat Kartal

List of Publications by Year in descending order

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83
papers

3,282
citations

147566

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h-index

155451

55
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85
all docs

85
docs citations

85
times ranked

4833
citing authors

#	ARTICLE	IF	CITATIONS
1	Laurus nobilis L. Essential Oil-Loaded PLGA as a Nanoformulation Candidate for Cancer Treatment. <i>Molecules</i> , 2022, 27, 1899.	1.7	12
2	Variations in Chemical Compositions and Biological Activities of <i>Artemisia vulgaris</i> L. (Common) Tj ETQq0 0 0 rgBT /Overlock 10 T 2022, 25, 393-402.	0.7	4
3	Development of Cholesterol-Lowering and Detox Formulations Using Bentonite and Herbal Ingredients. <i>Frontiers in Pharmacology</i> , 2021, 12, 775789.	1.6	3
4	Gender Dependent Differences in Composition, Antioxidant and Antimicrobial Activities of Wild and Cultivated <i>Laurus nobilis</i> L. Leaf and Flower Essential Oils from Aegean Region of Turkey. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 1084-1094.	0.7	7
5	Effects of Orally Consumed <i>Rosa damascena</i> Mill. Hydrosol on Hematology, Clinical Chemistry, Lens Enzymatic Activity, and Lens Pathology in Streptozotocin-Induced Diabetic Rats. <i>Molecules</i> , 2019, 24, 4069.	1.7	9
6	Investigation the fatty acid profile of commercial black cummin seed oils and seed oil capsules: Application to real samples. <i>Journal of Chemical Metrology</i> , 2019, 13, 53-60.	0.6	3
7	Development and validation of a GC-FID method to quantify thymoquinone in black cummin seed oils. <i>Journal of Research in Pharmacy</i> , 2019, 23, 506-513.	0.1	4
8	Formulation, stability and analytical method validation of chasteberry (<i>Vitex agnus-castus</i> L.) extract in solid oral dosage forms. <i>Journal of Research in Pharmacy</i> , 2019, 23, 689-696.	0.1	0
9	Formulation, stability and analytical method validations of combined St. John s wort and valerian root dry extracts in solid oral dosage forms. <i>Journal of Research in Pharmacy</i> , 2019, 23, 812-821.	0.1	0
10	Effect of priming on thymoquinone content and in vitro plant regeneration with tissue culture of black cummin (<i>Nigella sativa</i> L.) seeds. <i>Journal of Chemical Metrology</i> , 2018, 12, 89-98.	0.6	4
11	Prulaurasin content of leaves, kernels and pulps of <i>Prunus lauracerasus</i> L. (Cherry Laurel) during ripening. <i>Journal of Research in Pharmacy</i> , 2018, 23, 69-75.	0.1	4
12	Quantitative analysis of thymoquinone in <i>Nigella sativa</i> L. (black cummin) seeds and commercial seed oils and seed oil capsules from Turkey -. <i>Ankara Universitesi Eczacilik Fakultesi Dergisi</i> , 2017, 41, 34-41.	0.2	14
13	Sage teaâ€“thymeâ€“peppermint hydrosol oral rinse reduces chemotherapy-induced oral mucositis: A randomized controlled pilot study. <i>Complementary Therapies in Medicine</i> , 2016, 27, 58-64.	1.3	28
14	The Relative Contributions of Chlorogenic Acid and Rutin to Antioxidant Activities of Two Endemic <i>P</i> <i>rangos</i> (Umbelliferae) Species (<i>P</i> <i>Heynia</i> and <i>P</i> <i>Denticulata</i>). <i>Journal of Food Biochemistry</i> , 2015, 39, 409-416.	1.2	9
15	Tyrosinase and Cholinesterase Inhibitory Potential and Flavonoid Characterization of <i>Viola odorata</i> L. (Sweet Violet). <i>Phytotherapy Research</i> , 2015, 29, 1304-1310.	2.8	17
16	Triterpene saponins from <i>Eryngium kotschyi</i> . <i>Phytochemistry</i> , 2015, 110, 160-165.	1.4	6
17	LCâ€“MS quantification of parthenolide and cholinesterase inhibitory potential of selected <i>Tanacetum</i> L. (Emend. Briq.) taxa. <i>Phytochemistry Letters</i> , 2015, 11, 347-352.	0.6	12
18	Lc-Dad-Ms-Assisted Quantification Of Marker Compounds In <i>Hypericum Perforatum</i> L. (St. John's Wort) And Its Antioxidant Activity. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2015, 12, 30-39.	0.6	4

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19	Comprehensive evaluation of phytoestrogen accumulation in plants and in vitro cultures of <i>Medicago sativa</i> L. and natural tetraploid <i>Trifolium pratense</i> L. Turkish Journal of Biology, 2014, 38, 619-627.	2.1	10
20	Analysis of pomegranate juice components in rat corpora cavernosa relaxation. International Journal of Impotence Research, 2014, 26, 45-50.	1.0	5
21	Contractile Effects of <i>Eryngium kotschy</i> Boiss. on Rat Isolated Ileum and Detrusor Muscle. Kafkas Universitesi Veteriner Fakultesi Dergisi, 2014, , .	0.0	1
22	Inhibitory effect of St. John's Wort oil macerates on TNF α -induced NF κ B activation and their fatty acid composition. Journal of Ethnopharmacology, 2014, 155, 1086-1092.	2.0	12
23	Discovery of potent in vitro neuroprotective effect of the seed extracts from seven <i>Paeonia</i> L. (peony) taxa and their fatty acid composition. Industrial Crops and Products, 2013, 49, 240-246.	2.5	30
24	Assessment of antimicrobial and antiprotozoal activity of the olive oil macerate samples of <i>Hypericum perforatum</i> and their LC-MS analyses. Food Chemistry, 2013, 138, 870-875.	4.2	31
25	Aldose reductase inhibitory activity and antioxidant capacity of pomegranate extracts. Interdisciplinary Toxicology, 2012, 5, 15-20.	1.0	35
26	Estimation of in vitro neuroprotective properties and quantification of rutin and fatty acids in buckwheat (<i>Fagopyrum esculentum</i> Moench) cultivated in Turkey. Food Research International, 2012, 46, 536-543.	2.9	45
27	In vitro prospective effects of various traditional herbal coffees consumed in Anatolia linked to neurodegeneration. Food Research International, 2012, 45, 197-203.	2.9	33
28	Indole Alkaloids from <i>Vinca major</i> and <i>V. minor</i> Growing in Turkey. Natural Product Communications, 2012, 7, 1934578X1200700.	0.2	7
29	In vitro isoflavonoid production and analysis in natural tetraploid <i>Trifolium pratense</i> (red clover) calluses. Revista Brasileira De Farmacognosia, 2012, 22, 964-970.	0.6	6
30	Neuroprotective potential of some terebinth coffee brands and the unprocessed fruits of <i>Pistacia terebinthus</i> L. and their fatty and essential oil analyses. Food Chemistry, 2012, 130, 882-888.	4.2	66
31	Enzyme inhibitory and antioxidant activity of <i>Melia azedarach</i> L. naturalized in Anatolia and its phenolic acid and fatty acid composition. Industrial Crops and Products, 2012, 37, 213-218.	2.5	22
32	Investigation on chemical composition, anticholinesterase and antioxidant activities of extracts and essential oils of Turkish <i>Pinus</i> species and pycnogenol. Industrial Crops and Products, 2012, 38, 115-123.	2.5	73
33	Exploration of cholinesterase and tyrosinase inhibitory, antiprotozoal and antioxidant effects of <i>Buxus sempervirens</i> L. (boxwood). Industrial Crops and Products, 2012, 40, 116-121.	2.5	18
34	Evaluation of Cholinesterase Inhibitory and Antioxidant Activities of Wild and Cultivated Samples of Sage (<i>Salvia fruticosa</i>) by Activity-Guided Fractionation. Journal of Medicinal Food, 2011, 14, 1476-1483.	0.8	38
35	Composition of Volatiles from Three <i>Iris</i> Species of Turkey. Journal of Essential Oil Research, 2011, 23, 66-71.	1.3	19
36	Polyphenolic Extracts from <i>Olea europea</i> L. Protect Against Cytokine-Induced β 2-Cell Damage Through Maintenance of Redox Homeostasis. Rejuvenation Research, 2011, 14, 325-334.	0.9	37

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37	Natural Compound Cudraflavone B Shows Promising Anti-inflammatory Properties in Vitro. Journal of Natural Products, 2011, 74, 614-619.	1.5	46
38	Insights into research on phytochemistry and biological activities of <i>Prunus armeniaca</i> L. (apricot). Food Research International, 2011, 44, 1238-1243.	2.9	115
39	Cytotoxicity, antiviral and antimicrobial activities of alkaloids, flavonoids, and phenolic acids. Pharmaceutical Biology, 2011, 49, 396-402.	1.3	430
40	Selective Cholinesterase Inhibitors from <i>Buxus sempervirens</i> L. and their Molecular Docking Studies. Current Computer-Aided Drug Design, 2011, 7, 276-286.	0.8	11
41	Inhibitory Effects of Various Essential Oils and Individual Components against Extendedâ€Spectrum Betaâ€Lactamase (ESBL) Produced by <i>Klebsiella pneumoniae</i> and Their Chemical Compositions. Journal of Food Science, 2011, 76, M538-46.	1.5	35
42	Two new indole alkaloids from <i>Vinca herbacea</i> L.. Phytochemistry Letters, 2011, 4, 399-403.	0.6	18
43	Effects of olive leaf polyphenols against Hâ„Oâ„, toxicity in insulin secreting Î²-cells.. Acta Biochimica Polonica, 2011, 58, .	0.3	52
44	Simultaneous determination of selected phenolic acids in Turkish <i>Salvia</i> species by HPLC-DAD. Chemistry of Natural Compounds, 2010, 46, 805-806.	0.2	3
45	Profiling of cholinesterase inhibitory and antioxidant activities of <i>Artemisia absinthium</i> , <i>A. herba-alba</i> , <i>A. fragrans</i> , <i>Marrubium vulgare</i> , <i>M. astranicum</i> , <i>Origanum vulgare</i> subsp. <i>glandulosum</i> and essential oil analysis of two <i>Artemisia</i> species. Industrial Crops and Products, 2010, 32, 566-571.	2.5	53
46	Effects of <i>Echinacea</i> extract on the performance, antibody titres, and intestinal histology of layer chicks. British Poultry Science, 2010, 51, 805-810.	0.8	12
47	Variations in fatty acid compositions of the seed oil of <i>Eruca sativa</i> Mill. caused by different sowing periods and nitrogen forms. Pharmacognosy Magazine, 2010, 6, 305.	0.3	15
48	Cytotoxic Activities of Several Geranyl-Substituted Flavanones. Journal of Natural Products, 2010, 73, 568-572.	1.5	65
49	In vitro testing of antiviral, antibacterial, antifungal effects and cytotoxicity of selected Turkish <i>Phlomis</i> species. Acta Alimentaria, 2010, 39, 119-125.	0.3	8
50	Bioactivity guided evaluation of anti-inflammatory and antinociceptive activities of <i>Arceuthobium oxycedri</i> (D.C.) M. Bieb.. Journal of Ethnopharmacology, 2010, 128, 79-84.	2.0	9
51	In vitro biological activity screening of <i>Lycopodium complanatum</i> L. ssp. <i>chamaecyparissus</i> (A. Br.) Dã„ll. Natural Product Research, 2009, 23, 514-526.	1.0	10
52	Preliminary Examination of the Composition of the Essential Oil From the Roots and Rhizomes of <i>Valeriana alpestris</i> Stev. Growing in Turkey. Journal of Essential Oil Research, 2009, 21, 555-557.	1.3	3
53	Cholinesterase inhibitory activities of some flavonoid derivatives and chosen xanthone and their molecular docking studies. Chemico-Biological Interactions, 2009, 181, 383-389.	1.7	211
54	Assessment of antiradical potential of <i>Calluna vulgaris</i> (L.) Hull and its major flavonoid. Journal of the Science of Food and Agriculture, 2009, 89, 809-814.	1.7	14

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55	Essential oil composition of <i>Achillea teretifolia</i> from Turkey. <i>Chemistry of Natural Compounds</i> , 2009, 45, 274-275.	0.2	2
56	Free radical scavenging properties and phenolic characterization of some edible plants. <i>Food Chemistry</i> , 2009, 114, 276-281.	4.2	34
57	LC-MS Method for Analysis of Pomiferin and Osajin, Major Isoflavones in <i>Maclura pomifera</i> (Rafin.) Schneider. <i>Chromatographia</i> , 2009, 69, 325-329.	0.7	3
58	Composition of the Essential Oil From Roots and Rhizomes of <i>Valeriana phu</i> L. Growing Wild in Turkey. <i>Journal of Essential Oil Research</i> , 2009, 21, 437-440.	1.3	4
59	Acetylcholinesterase inhibitory and antioxidant properties of <i>Cyclotrichium niveum</i> , <i>Thymus praecox</i> subsp. <i>caucasicus</i> var. <i>caucasicus</i> , <i>Echinacea purpurea</i> and <i>E. pallida</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 1304-1310.	1.8	67
60	Cholinesterase inhibitory effects of the extracts and compounds of <i>Maclura pomifera</i> (Rafin.) Schneider. <i>Food and Chemical Toxicology</i> , 2009, 47, 1747-1751.	1.8	38
61	Antioxidant and Anticholinesterase Assets and Liquid Chromatography-Mass Spectrometry Preface of Various Fresh-Water and Marine Macroalgae. <i>Pharmacognosy Magazine</i> , 2009, 5, 291.	0.3	39
62	Inhibitory effect of Turkish <i>Rosmarinus officinalis</i> L. on acetylcholinesterase and butyrylcholinesterase enzymes. <i>Food Chemistry</i> , 2008, 108, 663-668.	4.2	142
63	Effects of varying nitrogen doses on yield, yield components and artemisinin content of <i>Artemisia annua</i> L. <i>Industrial Crops and Products</i> , 2008, 27, 60-64.	2.5	52
64	Activity of Essential Oils and Individual Components against Acetyl and Butyrylcholinesterase. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 547-553.	0.6	128
65	Screening of Various Phenolic Acids and Flavonoid Derivatives for their Anticholinesterase Potential. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 829-832.	0.6	138
66	In vitro Anticholinesterase Activity of Various Alkaloids. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 684-688.	0.6	24
67	Antimicrobial and Antiviral Activities of Two Seed Oil Samples of <i>Cucurbita pepo</i> L. and Their Fatty Acid Analysis. <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	15
68	Antioxidant and anticholinesterase evaluation of selected Turkish <i>Salvia</i> species. <i>Food Chemistry</i> , 2007, 103, 1247-1254.	4.2	155
69	Intellectual property protection in the natural product drug discovery, traditional herbal medicine and herbal medicinal products. <i>Phytotherapy Research</i> , 2007, 21, 113-119.	2.8	68
70	Effects of polyphenols on skin damage due to ultraviolet A rays: an experimental study on rats. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2007, 21, 070209222700039-???	1.3	38
71	Use of cyclodextrins as a cosmetic delivery system for fragrance materials: Linalool and benzyl acetate. <i>AAPS PharmSciTech</i> , 2007, 8, 34-42.	1.5	71
72	HPLC Quantification of Vitexine-3-O-rhamnoside and Hyperoside in Three <i>Crataegus</i> Species and Their Antimicrobial and Antiviral Activities. <i>Chromatographia</i> , 2007, 66, 153-157.	0.7	44

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73	Antioxidant and antimicrobial actions of the clubmoss <i>Lycopodium clavatum</i> L.. <i>Phytochemistry Reviews</i> , 2007, 6, 189-196.	3.1	27
74	Bioassay-guided evaluation of anti-inflammatory and antinociceptive activities of pistachio, <i>Pistacia vera</i> L.. <i>Journal of Ethnopharmacology</i> , 2006, 105, 235-240.	2.0	62
75	Comparative evaluation of the anti-inflammatory and antinociceptive activity of Turkish <i>Eryngium</i> species. <i>Journal of Ethnopharmacology</i> , 2006, 107, 32-37.	2.0	87
76	Triterpene Saponins from <i>Eryngium campestre</i> . <i>Journal of Natural Products</i> , 2006, 69, 1105-1108.	1.5	34
77	Two New Triterpene Saponins from <i>Eryngium campestre</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 1318-1320.	0.6	32
78	The essential oil of <i>Stachys laetivirens</i> Kotschy & Boiss. ex Rech. ?l., endemic in Turkey. <i>Flavour and Fragrance Journal</i> , 2005, 20, 48-50.	1.2	16
79	Comparison of different extraction methods for the determination of podophyllotoxin and 6-methoxypodophyllotoxin in <i>Linum</i> species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 441-447.	1.4	27
80	Antimicrobial activity of propolis samples from two different regions of Anatolia. <i>Journal of Ethnopharmacology</i> , 2003, 86, 69-73.	2.0	127
81	GC-MS Analysis of Propolis Samples from Two Different Regions of Turkey. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 905-909.	0.6	49
82	Alkaloids from <i>Vinca major</i> . <i>Phytochemistry</i> , 1995, 38, 1057-1061.	1.4	18
83	Antimicrobial activities of mouthwashes obtained from various combinations of <i>Elettaria cardamomum</i> Maton., <i>Lavandula angustifolia</i> Mill. and <i>Salvia triloba</i> L. essential oils. <i>Natural Volatiles and Essential Oils (discontinued)</i> , 0, , .	1.1	2