Abdurrahman Aktumsek

List of Publications by Year
in descending order

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67 papers	2,602 citations	236925 25 h-index	189892 50 g-index
67 all docs	67 docs citations	67 times ranked	2814 citing authors

#	Article	IF	Citations
1	HPLC-DAD-UV analysis, anti-inflammatory and anti-neuropathic effects of methanolic extract of Sideritis bilgeriana (lamiaceae) by NF-Î°B, TNF-Î±, IL-1Î² and IL-6 involvement. Journal of Ethnopharmacology, 2021, 265, 113338.	4.1	29
2	A Prospective of Multiple Biopharmaceutical Activities of Procyanidinsâ€Rich Uapaca togoensis Pax Extracts: HPLCâ€ESIâ€TOFâ€MS Coupled with Bioinformatics Analysis. Chemistry and Biodiversity, 2021, 18, e2100299.	2.1	3
3	Chemical Profiling and Biological Evaluation of Nepeta baytopii Extracts and Essential Oil: An Endemic Plant from Turkey. Plants, 2021, 10, 1176.	3.5	13
4	NMR and LC-MSn coupled with pharmacological network analysis for the assessment of phytochemical content and biopharmaceutical potential of Carapa procera extracts. Journal of Pharmaceutical and Biomedical Analysis, 2021, 203, 114184.	2.8	4
5	LC-MS Based Analysis and Biological Properties of Pseudocedrela kotschyi (Schweinf.) Harms Extracts: A Valuable Source of Antioxidant, Antifungal, and Antibacterial Compounds. Antioxidants, 2021, 10, 1570.	5.1	18
6	Multiple biological activities of two Onosma species (O. sericea and O. stenoloba) and HPLC-MS/MS characterization of their phytochemical composition. Industrial Crops and Products, 2020, 144, 112053.	5.2	23
7	Network analysis, chemical characterization, antioxidant and enzyme inhibitory effects of foxglove (Digitalis cariensis Boiss. ex Jaub. & Spach): A novel raw material for pharmaceutical applications. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113614.	2.8	10
8	Novel insights into the fruit and seed extracts ofMorinda morindoides(Baker) Milneâ€Redh: HPLCâ€ESIâ€Qâ€TOFâ€MS profiling, antioxidant, and enzyme inhibitory propensities. Journal of Food Biochemistry, 2020, 44, e13169.	2.9	2
9	Chemical Characterization and Bioactive Properties of Different Extracts from Fibigia clypeata, an Unexplored Plant Food. Foods, 2020, 9, 705.	4.3	12
10	Modern and traditional extraction techniques affect chemical composition and bioactivity of Tanacetum parthenium (L.) Sch.Bip. Industrial Crops and Products, 2020, 146, 112202.	5.2	18
11	Metabolomics profiling and biological properties of root extracts from two Asphodelus species: A. albus and A. aestivus. Food Research International, 2020, 134, 109277.	6.2	13
12	Chemical profiling and pharmacoâ€toxicological activity ofOriganum sipyleumextracts: Exploring for novel sources for potential therapeutic agents. Journal of Food Biochemistry, 2019, 43, e13003.	2.9	19
13	LC-MS, NMR fingerprint of Potentilla argentea and Potentilla recta extracts and their in vitro biopharmaceutical assessment. Industrial Crops and Products, 2019, 131, 125-133.	5.2	18
14	Chemical fingerprints, antioxidant, enzyme inhibitory, and cell assays of three extracts obtained from Sideritis ozturkii AytaÃ§ & Aksoy: An endemic plant from Turkey. Journal of Pharmaceutical and Biomedical Analysis, 2019, 171, 118-125.	2.8	18
15	Metabolomic profile of Salvia viridis L. root extracts using HPLCâ€“MS/MS technique and their pharmacological properties: A comparative study. Industrial Crops and Products, 2019, 131, 266-280.	5.2	23
16	A study on Antioxidant Properties of Different Extracts from Kitaibelia balansae. Proceedings (mdpi), 2019, 40, .	0.2	0
17	In vitro Antioxidant Properties of Bersama abyssinica Stem Bark Extracts. Proceedings (mdpi), 2019, 40, 21.	0.2	0
18	GC-MS Analysis and Antioxidant Potential of Essential Oil from Endemic Sideritis rubriflora Hub.-Mor.. Proceedings (mdpi), 2019, 40, 24.	0.2	0

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19	Chemical profile, antioxidant, and enzyme inhibitory properties of two Scutellaria species: S. orientalis L. and S. salviifolia Benth. Journal of Pharmacy and Pharmacology, 2019, 71, 270-280.	2.4	13
20	Biological, chemical and in silico fingerprints of Dianthus calocephalus Boiss.: A novel source for rutin. Food and Chemical Toxicology, 2018, 113, 179-186.	3.6	16
21	Design, synthesis and biochemical evaluation of novel multi-target inhibitors as potential anti-Parkinson agents. European Journal of Medicinal Chemistry, 2018, 143, 1543-1552.	5.5	40
22	Effects of Orange Leaves Extraction Conditions on Antioxidant and Phenolic Content: Optimization Using Response Surface Methodology. Analytical Letters, 2018, 51, 1505-1519.	1.8	7
23	Chemical composition and biological activities of extracts from three Salvia species: S. blepharochlaena, S. euphratica var. leiocalycina, and S. verticillata subsp. amasiaca. Industrial Crops and Products, 2018, 111, 11-21.	5.2	89
24	Identification of phenolic components via LCâ€“MS analysis and biological activities of two Centaurea species: C. drabifolia subsp. drabifolia and C. lycopifolia. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 436-441.	2.8	35
25	Biological effects and chemical characterization of Iris schachtii Markgr. extracts: A new source of bioactive constituents. Food and Chemical Toxicology, 2018, 112, 448-457.	3.6	27
26	Phenolic Composition, Antioxidant and Cytotoxic Prospective of three Linum species: A Potential Source of Novel Anticancer Pharmacophores. Current Organic Chemistry, 2018, 22, 1690-1696.	1.6	2
27	Analytical Procedures for Secondary Metabolites Determination: Recent Trends and Future Perspectives. Letters in Drug Design and Discovery, 2018, 15, .	0.7	2
28	Daphne oleoides: An alternative source of important sesquiterpenes. International Journal of Food Properties, 2017, 20, 549-559.	3.0	6
29	Shedding light on the biological and chemical fingerprints of three Achillea species (A. biebersteinii,) Tj ETQq1 1 0.784314 rgBT /Overl	4.6	58
30	Optimization of the extraction process of antioxidants from loquat leaves using response surface methodology. Journal of Food Processing and Preservation, 2017, 41, e13185.	2.0	12
31	Combining inÂvitro, inÂvivo and in silico approaches to evaluate nutraceutical potentials and chemical fingerprints of Moltkia aurea and Moltkia coerulea. Food and Chemical Toxicology, 2017, 107, 540-553.	3.6	31
32	Anti-hyperalgesic effect of Lippia grata leaf essential oil complexed with Î²-cyclodextrin in a chronic musculoskeletal pain animal model: Complemented with a molecular docking and antioxidant screening. Biomedicine and Pharmacotherapy, 2017, 91, 739-747.	5.6	25
33	Chemical composition profile of the essential oil from hymenocrater bituminous and its health functionality. International Journal of Food Properties, 2017, 20, S972-S980.	3.0	7
34	Anti-diabetic and anti-hyperlipidemic properties of Capparis spinosa L.: In vivo and in vitro evaluation of its nutraceutical potential. Journal of Functional Foods, 2017, 35, 32-42.	3.4	113
35	Bioactivities of Achillea phrygia and Bupleurum croceum based on the composition of phenolic compounds: InÂvitro and in silico approaches. Food and Chemical Toxicology, 2017, 107, 597-608.	3.6	20
36	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of Potentilla thuringiaca. Phytochemistry Letters, 2017, 20, 365-372.	1.2	261

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37	Identification of phenolic profiles, fatty acid compositions, antioxidant activities, and enzyme inhibition effects of seven wheat cultivars grown in Turkey: A phytochemical approach for their nutritional value. International Journal of Food Properties, 2017, 20, 2373-2382.	3.0	15
38	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. Biomedicine and Pharmacotherapy, 2017, 87, 27-36.	5.6	76
39	A comparative in vitro and in silico study of the biological potential and chemical fingerprints of Dorcycinum pentapyllum subsp. haussknechtii using three extraction procedures. New Journal of Chemistry, 2017, 41, 13952-13960.	2.8	24
40	Multicomponent pattern and biological activities of sevenAsphodelinetaxa: potential sources of natural-functional ingredients for bioactive formulations. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 60-67.	5.2	64
41	Cytotoxic and Enzyme Inhibitory Potential of Two Potentilla species (P. speciosa L. and P. reptans) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	265
42	Antioxidant and Enzyme Inhibitory Activities of Extracts from Wild Mushroom Species from Turkey. International Journal of Medicinal Mushrooms, 2017, 19, 327-336.	1.5	12
43	Effect of Three Centaurea Species Collected from Central Anatolia Region of Turkey on Human Melanoma Cells. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	1
44	Essential Oil Composition of an UninvestigatedCentaureaSpecies from Turkey:Centaurea patulaDC.. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 485-491.	1.9	5
45	Novel 1,3-thiazolidin-4-one derivatives as promising anti- Candida agents endowed with anti-oxidant and chelating properties. European Journal of Medicinal Chemistry, 2016, 117, 144-156.	5.5	39
46	Comparative study of biological activities and multicomponent pattern of two wild Turkish species: Asphodeline anatolica and Potentilla speciosa. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 203-208.	5.2	45
47	Phenolic compounds and biological effects of edible Rumex scutatus and Pseudosempervivum sempervivum: potential sources of natural agents with health benefits. Food and Function, 2016, 7, 3252-3262.	4.6	63
48	Evidence for the involvement of TNF-Î± and IL-1Î² in the antinociceptive and anti-inflammatory activity of Stachys lavandulifolia Vahl. (Lamiaceae) essential oil and (-)-Î±-bisabolol, its main compound, in mice. Journal of Ethnopharmacology, 2016, 191, 9-18.	4.1	60
49	Chemical and biological insights on Cotoneaster integerrimus: A new (-)- epicatechin source for food and medicinal applications. Phytomedicine, 2016, 23, 979-988.	5.3	63
50	GC-MS analysis and in vitro antioxidant and enzyme inhibitory activities of essential oil from aerial parts of endemic Thymus spathulifolius Hausskn. et Velen. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 983-990.	5.2	28
51	Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eightAsphodelinetaxa from Turkey: canAsphodelineroots be considered as a new source of natural compounds?. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 754-759.	5.2	48
52	The Importance of Asphodeline Species on Enzyme Inhibition: Anti-Elastase, Anti-Hyaluronidase and Anti-Collagenase Potential. Turkish Journal of Pharmaceutical Sciences, 2016, 13, 323-327.	1.4	11
53	Screening of PossibleIn VitroNeuroprotective, Skin Care, Antihyperglycemic, and Antioxidative Effects ofAnchusa undulataL. subsp.hybrida(Ten.) Coutinho from Turkey and Its Fatty Acid Profile. International Journal of Food Properties, 2015, 18, 1491-1504.	3.0	11
54	DNA protection, antioxidant, antibacterial and enzyme inhibition activities of heartwood and sapwood extracts from juniper and olive woods. RSC Advances, 2015, 5, 72950-72958.	3.6	10

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55	Fatty Acid Composition, Total Sugar Content and Anti-Diabetic Activity of Methanol and Water Extracts of Nine Different Fruit Tree Leaves Collected from Mediterranean Region of Turkey. International Journal of Food Properties, 2015, 18, 2268-2276.	3.0	16
56	A phytochemical study on Potentilla anatolica: An endemic Turkish plant. Industrial Crops and Products, 2015, 76, 1001-1007.	5.2	24
57	Survey of Phytochemical Composition and Biological Effects of Three Extracts from a Wild Plant (Cotoneaster nummularia Fisch. et Mey.): A Potential Source for Functional Food Ingredients and Drug Formulations. PLoS ONE, 2014, 9, e113527.	2.5	90
58	Investigation Of Antioxidant Potentials Of Solvent Extracts From Different Anatomical Parts Of <i>Asphodeline Anatolica</i> E. Tuzlaci: An Endemic Plant To Turkey. Tropical Journal of Obstetrics and Gynaecology, 2014, 11, 481.	0.3	142
59	A comprehensive study on phytochemical characterization of Haplophyllum myrtifolium Boiss. endemic to Turkey and its inhibitory potential against key enzymes involved in Alzheimer, skin diseases and type II diabetes. Industrial Crops and Products, 2014, 53, 244-251.	5.2	147
60	A Study on Antioxidant Capacities and Fatty Acid Compositions of TwoDaphneSpecies from Turkey: New Sources of Antioxidants and Essential Fatty Acids. Journal of Food Biochemistry, 2013, 37, 646-653.	2.9	14
61	Antioxidant potentials and anticholinesterase activities of methanolic and aqueous extracts of three endemic Centaurea L. species. Food and Chemical Toxicology, 2013, 55, 290-296.	3.6	175
62	Assessment of the antioxidant potential and fatty acid composition of four Centaurea L. taxa from Turkey. Food Chemistry, 2013, 141, 91-97.	8.2	59
63	Fatty acid composition and Î©3/Î©6 ratios of the muscle lipids of six fish species in Sugla Lake, Turkey. Archives of Biological Sciences, 2012, 64, 471-477.	0.5	17
64	Screening for in vitro antioxidant properties and fatty acid profiles of five Centaurea L. species from Turkey flora. Food and Chemical Toxicology, 2011, 49, 2914-2920.	3.6	51
65	The effect of pasteurisation temperature on the CLA content and fatty acid composition of white pickled cheese. International Journal of Dairy Technology, 2011, 64, 509-516.	2.8	8
66	Antibacterial activities of extracts from twelve Centaurea species from Turkey. Archives of Biological Sciences, 2011, 63, 685-690.	0.5	29
67	New insights on Phyllanthus reticulatus Poir. leaves and stem bark extracts: UPLC-ESI-TOF-MS profiles, and biopharmaceutical and in silico analysis. New Journal of Chemistry, 0, , .	2.8	3