

# Abdurrahman Aktumsek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4861782/publications.pdf>

Version: 2024-02-01

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	Cytotoxic and Enzyme Inhibitory Potential of Two <i>Potentilla</i> species ( <i>P. speciosa</i> L. and <i>P. reptans</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	3.5	265
2	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of <i>Potentilla thuringiaca</i> . <i>Phytochemistry Letters</i> , 2017, 20, 365-372.	1.2	261
3	Antioxidant potentials and anticholinesterase activities of methanolic and aqueous extracts of three endemic <i>Centaurea</i> L. species. <i>Food and Chemical Toxicology</i> , 2013, 55, 290-296.	3.6	175
4	A comprehensive study on phytochemical characterization of <i>Haplophyllum myrtifolium</i> Boiss. endemic to Turkey and its inhibitory potential against key enzymes involved in Alzheimer, skin diseases and type II diabetes. <i>Industrial Crops and Products</i> , 2014, 53, 244-251.	5.2	147
5	Investigation Of Antioxidant Potentials Of Solvent Extracts From Different Anatomical Parts Of <i>Asphodeline Anatolica</i>; E. Tuzlaci: An Endemic Plant To Turkey. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 481.	0.3	142
6	Anti-diabetic and anti-hyperlipidemic properties of <i>Capparis spinosa</i> L.: In vivo and in vitro evaluation of its nutraceutical potential. <i>Journal of Functional Foods</i> , 2017, 35, 32-42.	3.4	113
7	Survey of Phytochemical Composition and Biological Effects of Three Extracts from a Wild Plant ( <i>Cotoneaster nummularia</i> Fisch. et Mey.): A Potential Source for Functional Food Ingredients and Drug Formulations. <i>PLoS ONE</i> , 2014, 9, e113527.	2.5	90
8	Chemical composition and biological activities of extracts from three <i>Salvia</i> species: <i>S. blepharochlaena</i> , <i>S. euphratica</i> var. <i>leicalycina</i> , and <i>S. verticillata</i> subsp. <i>amasiaca</i> . <i>Industrial Crops and Products</i> , 2018, 111, 11-21.	5.2	89
9	<i>Euphorbia denticulata</i> Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 27-36.	5.6	76
10	Multicomponent pattern and biological activities of seven <i>Asphodeline</i> taxa: potential sources of natural-functional ingredients for bioactive formulations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 60-67.	5.2	64
11	Phenolic compounds and biological effects of edible <i>Rumex scutatus</i> and <i>Pseudosempervivum sempervivum</i> : potential sources of natural agents with health benefits. <i>Food and Function</i> , 2016, 7, 3252-3262.	4.6	63
12	Chemical and biological insights on <i>Cotoneaster integerrimus</i> : A new (-)- epicatechin source for food and medicinal applications. <i>Phytomedicine</i> , 2016, 23, 979-988.	5.3	63
13	Evidence for the involvement of TNF- $\alpha$ and IL-1 $\beta$ in the antinociceptive and anti-inflammatory activity of <i>Stachys lavandulifolia</i> Vahl. (Lamiaceae) essential oil and (-)- $\alpha$ -bisabolol, its main compound, in mice. <i>Journal of Ethnopharmacology</i> , 2016, 191, 9-18.	4.1	60
14	Assessment of the antioxidant potential and fatty acid composition of four <i>Centaurea</i> L. taxa from Turkey. <i>Food Chemistry</i> , 2013, 141, 91-97.	8.2	59
15	Shedding light on the biological and chemical fingerprints of three <i>Achillea</i> species ( <i>A. biebersteini</i> .) Tj ETQq1 1 0.784314 rgBT /Overl	4.6	58
16	Screening for in vitro antioxidant properties and fatty acid profiles of five <i>Centaurea</i> L. species from Turkey flora. <i>Food and Chemical Toxicology</i> , 2011, 49, 2914-2920.	3.6	51
17	Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eight <i>Asphodeline</i> taxa from Turkey: can <i>Asphodeline</i> roots be considered as a new source of natural compounds?. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 754-759.	5.2	48
18	Comparative study of biological activities and multicomponent pattern of two wild Turkish species: <i>Asphodeline anatolica</i> and <i>Potentilla speciosa</i>. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 203-208.	5.2	45

#	ARTICLE	IF	CITATIONS
19	Design, synthesis and biochemical evaluation of novel multi-target inhibitors as potential anti-Parkinson agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1543-1552.	5.5	40
20	Novel 1,3-thiazolidin-4-one derivatives as promising anti- <i>Candida</i> agents endowed with anti-oxidant and chelating properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 144-156.	5.5	39
21	Identification of phenolic components via LC-MS analysis and biological activities of two <i>Centaurea</i> species: <i>C. drabifolia</i> subsp. <i>drabifolia</i> and <i>C. lycopifolia</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 436-441.	2.8	35
22	Combining <i>in vitro</i> , <i>in vivo</i> and <i>in silico</i> approaches to evaluate nutraceutical potentials and chemical fingerprints of <i>Moltkia aurea</i> and <i>Moltkia coerulea</i> . <i>Food and Chemical Toxicology</i> , 2017, 107, 540-553.	3.6	31
23	HPLC-DAD-UV analysis, anti-inflammatory and anti-neuropathic effects of methanolic extract of <i>Sideritis bilgeriana</i> (Lamiaceae) by NF- $\kappa$ B, TNF- $\alpha$ , IL-1 $\beta$ and IL-6 involvement. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113338.	4.1	29
24	Antibacterial activities of extracts from twelve <i>Centaurea</i> species from Turkey. <i>Archives of Biological Sciences</i> , 2011, 63, 685-690.	0.5	29
25	GC-MS analysis and <i>in vitro</i> antioxidant and enzyme inhibitory activities of essential oil from aerial parts of endemic <i>Thymus spathulifolius</i> Hausskn. et Velen. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 983-990.	5.2	28
26	Biological effects and chemical characterization of <i>Iris schachtii</i> Markgr. extracts: A new source of bioactive constituents. <i>Food and Chemical Toxicology</i> , 2018, 112, 448-457.	3.6	27
27	Anti-hyperalgesic effect of <i>Lippia grata</i> leaf essential oil complexed with $\beta$ -cyclodextrin in a chronic musculoskeletal pain animal model: Complemented with a molecular docking and antioxidant screening. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 739-747.	5.6	25
28	A phytochemical study on <i>Potentilla anatolica</i> : An endemic Turkish plant. <i>Industrial Crops and Products</i> , 2015, 76, 1001-1007.	5.2	24
29	A comparative <i>in vitro</i> and <i>in silico</i> study of the biological potential and chemical fingerprints of <i>Dorcycinum pentapylum</i> subsp. <i>haussknechtii</i> using three extraction procedures. <i>New Journal of Chemistry</i> , 2017, 41, 13952-13960.	2.8	24
30	Metabolomic profile of <i>Salvia viridis</i> L. root extracts using HPLC-MS/MS technique and their pharmacological properties: A comparative study. <i>Industrial Crops and Products</i> , 2019, 131, 266-280.	5.2	23
31	Multiple biological activities of two <i>Onosma</i> species ( <i>O. sericea</i> and <i>O. stenoloba</i> ) and HPLC-MS/MS characterization of their phytochemical composition. <i>Industrial Crops and Products</i> , 2020, 144, 112053.	5.2	23
32	Bioactivities of <i>Achillea phrygia</i> and <i>Bupleurum croceum</i> based on the composition of phenolic compounds: <i>In vitro</i> and <i>in silico</i> approaches. <i>Food and Chemical Toxicology</i> , 2017, 107, 597-608.	3.6	20
33	Chemical profiling and pharmacotoxicological activity of <i>Origanum sipyleum</i> extracts: Exploring for novel sources for potential therapeutic agents. <i>Journal of Food Biochemistry</i> , 2019, 43, e13003.	2.9	19
34	LC-MS, NMR fingerprint of <i>Potentilla argentea</i> and <i>Potentilla recta</i> extracts and their <i>in vitro</i> biopharmaceutical assessment. <i>Industrial Crops and Products</i> , 2019, 131, 125-133.	5.2	18
35	Chemical fingerprints, antioxidant, enzyme inhibitory, and cell assays of three extracts obtained from <i>Sideritis ozturkii</i> Aytaş & Aksoy: An endemic plant from Turkey. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 118-125.	2.8	18
36	Modern and traditional extraction techniques affect chemical composition and bioactivity of <i>Tanacetum parthenium</i> (L.) Sch.Bip. <i>Industrial Crops and Products</i> , 2020, 146, 112202.	5.2	18

#	ARTICLE	IF	CITATIONS
37	LC-MS Based Analysis and Biological Properties of <i>Pseudocedrela kotschyi</i> (Schweinf.) Harms Extracts: A Valuable Source of Antioxidant, Antifungal, and Antibacterial Compounds. <i>Antioxidants</i> , 2021, 10, 1570.	5.1	18
38	Fatty acid composition and $\Omega$ 3/ $\Omega$ 6 ratios of the muscle lipids of six fish species in Sugla Lake, Turkey. <i>Archives of Biological Sciences</i> , 2012, 64, 471-477.	0.5	17
39	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. <i>International Journal of Food Properties</i> , 2015, 18, 2268-2276.	3.0	16
40	Biological, chemical and in silico fingerprints of <i>Dianthus calocephalus</i> Boiss.: A novel source for rutin. <i>Food and Chemical Toxicology</i> , 2018, 113, 179-186.	3.6	16
41	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. <i>International Journal of Food Properties</i> , 2017, 20, 2373-2382.	3.0	15
42	A Study on Antioxidant Capacities and Fatty Acid Compositions of Two <i>Daphne</i> Species from Turkey: New Sources of Antioxidants and Essential Fatty Acids. <i>Journal of Food Biochemistry</i> , 2013, 37, 646-653.	2.9	14
43	Chemical profile, antioxidant, and enzyme inhibitory properties of two <i>Scutellaria</i> species: <i>S. orientalis</i> L. and <i>S. salviifolia</i> Benth. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 270-280.	2.4	13
44	Metabolomics profiling and biological properties of root extracts from two <i>Asphodelus</i> species: <i>A. albus</i> and <i>A. aestivus</i> . <i>Food Research International</i> , 2020, 134, 109277.	6.2	13
45	Chemical Profiling and Biological Evaluation of <i>Nepeta baytopii</i> Extracts and Essential Oil: An Endemic Plant from Turkey. <i>Plants</i> , 2021, 10, 1176.	3.5	13
46	Optimization of the extraction process of antioxidants from loquat leaves using response surface methodology. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e13185.	2.0	12
47	Chemical Characterization and Bioactive Properties of Different Extracts from <i>Fibigia clypeata</i> , an Unexplored Plant Food. <i>Foods</i> , 2020, 9, 705.	4.3	12
48	Antioxidant and Enzyme Inhibitory Activities of Extracts from Wild Mushroom Species from Turkey. <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 327-336.	1.5	12
49	Screening of Possible In Vitro Neuroprotective, Skin Care, Antihyperglycemic, and Antioxidative Effects of <i>Anchusa undulata</i> L. subsp. <i>hybrida</i> (Ten.) Coutinho from Turkey and Its Fatty Acid Profile. <i>International Journal of Food Properties</i> , 2015, 18, 1491-1504.	3.0	11
50	The Importance of <i>Asphodeline</i> Species on Enzyme Inhibition: Anti-Elastase, Anti-Hyaluronidase and Anti-Collagenase Potential. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2016, 13, 323-327.	1.4	11
51	DNA protection, antioxidant, antibacterial and enzyme inhibition activities of heartwood and sapwood extracts from juniper and olive woods. <i>RSC Advances</i> , 2015, 5, 72950-72958.	3.6	10
52	Network analysis, chemical characterization, antioxidant and enzyme inhibitory effects of foxglove ( <i>Digitalis cariensis</i> Boiss. ex Jaub. & Spach): A novel raw material for pharmaceutical applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113614.	2.8	10
53	The effect of pasteurisation temperature on the CLA content and fatty acid composition of white pickled cheese. <i>International Journal of Dairy Technology</i> , 2011, 64, 509-516.	2.8	8
54	Chemical composition profile of the essential oil from <i>hymenocrater bituminous</i> and its health functionality. <i>International Journal of Food Properties</i> , 2017, 20, S972-S980.	3.0	7

#	ARTICLE	IF	CITATIONS
55	Effects of Orange Leaves Extraction Conditions on Antioxidant and Phenolic Content: Optimization Using Response Surface Methodology. <i>Analytical Letters</i> , 2018, 51, 1505-1519.	1.8	7
56	<i>Daphne oleoides</i> : An alternative source of important sesquiterpenes. <i>International Journal of Food Properties</i> , 2017, 20, 549-559.	3.0	6
57	Essential Oil Composition of an Uninvestigated <i>Centaurea</i> Species from Turkey: <i>Centaurea patula</i> DC.. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 485-491.	1.9	5
58	NMR and LC-MSn coupled with pharmacological network analysis for the assessment of phytochemical content and biopharmaceutical potential of <i>Carapa procera</i> extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114184.	2.8	4
59	A Prospective of Multiple Biopharmaceutical Activities of Procyanidins-Rich <i>Uapaca togoensis</i> Pax Extracts: HPLC-ESI-TOF-MS Coupled with Bioinformatics Analysis. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100299.	2.1	3
60	New insights on <i>Phyllanthus reticulatus</i> Poir. leaves and stem bark extracts: UPLC-ESI-TOF-MS profiles, and biopharmaceutical and in silico analysis. <i>New Journal of Chemistry</i> , 0, , .	2.8	3
61	Novel insights into the fruit and seed extracts of <i>Morinda morindoides</i> (Baker) Milne-Redh: HPLC-ESI-TOF-MS profiling, antioxidant, and enzyme inhibitory propensities. <i>Journal of Food Biochemistry</i> , 2020, 44, e13169.	2.9	2
62	Phenolic Composition, Antioxidant and Cytotoxic Prospective of three <i>Linum</i> species: A Potential Source of Novel Anticancer Pharmacophores. <i>Current Organic Chemistry</i> , 2018, 22, 1690-1696.	1.6	2
63	Analytical Procedures for Secondary Metabolites Determination: Recent Trends and Future Perspectives. <i>Letters in Drug Design and Discovery</i> , 2018, 15, .	0.7	2
64	Effect of Three <i>Centaurea</i> Species Collected from Central Anatolia Region of Turkey on Human Melanoma Cells. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	1
65	A study on Antioxidant Properties of Different Extracts from <i>Kitaibelia balansae</i> . <i>Proceedings (mdpi)</i> , 2019, 40, .	0.2	0
66	In vitro Antioxidant Properties of <i>Bersama abyssinica</i> Stem Bark Extracts. <i>Proceedings (mdpi)</i> , 2019, 40, 21.	0.2	0
67	GC-MS Analysis and Antioxidant Potential of Essential Oil from Endemic <i>Sideritis rubriflora</i> Hub.-Mor.. <i>Proceedings (mdpi)</i> , 2019, 40, 24.	0.2	0