Gkhan Zengin

List of Publications by Citations

608 papers	9,629 citations	48 h-index	68 g-index
673 ext. papers	13,032 ext. citations	4.4 avg, IF	6.93 L-index

#	Paper	IF	Citations
608	An Investigation into the Antiobesity Effects of Morinda citrifolia L. Leaf Extract in High Fat Diet Induced Obese Rats Using a (1)H NMR Metabolomics Approach. *Journal of Diabetes Research*, **2016**, 2016, 2391592	3.9	273
607	In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of Potentilla thuringiaca. *Phytochemistry Letters*, **2017**, 20, 365-372	1.9	179
606	Antioxidant potentials and anticholinesterase activities of methanolic and aqueous extracts of three endemic Centaurea L. species. *Food and Chemical Toxicology*, **2013**, 55, 290-6	4.7	139
605	Cytotoxic and Enzyme Inhibitory Potential of Two species (L. and Willd.) and Their Chemical Composition. *Frontiers in Pharmacology*, **2017**, 8, 290	5.6	138
604	Berberine in Cardiovascular and Metabolic Diseases: From Mechanisms to Therapeutics. *Theranostics*, **2019**, 9, 1923-1951	12.1	123
603	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	5.9	112
602	Composition, antioxidant, antimicrobial and enzyme inhibition activities of two Origanum vulgare subspecies (subsp. vulgare and subsp. hirtum) essential oils. *Industrial Crops and Products*, **2015**, 70, 178-184	5.9	111
601	Functional constituents of wild and cultivated Goji (L. barbarum L.) leaves: phytochemical characterization, biological profile, and computational studies. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 153-168	5.6	109
600	Insights on the Use of α-Lipoic Acid for Therapeutic Purposes. *Biomolecules*, **2019**, 9,	5.9	93
599	Phytol: A review of biomedical activities. *Food and Chemical Toxicology*, **2018**, 121, 82-94	4.7	90
598	Investigation of antioxidant potentials of solvent extracts from different anatomical parts of Asphodeline anatolica E. Tuzlaci: an endemic plant to Turkey. *Tropical Journal of Obstetrics and Gynaecology*, **2014**, 11, 481-8	0.3	87
597	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	5.1	85
596	Two Ganoderma species: profiling of phenolic compounds by HPLC-DAD, antioxidant, antimicrobial and inhibitory activities on key enzymes linked to diabetes mellitus, Alzheimer's disease and skin disorders. *Food and Function*, **2015**, 6, 2794-802	6.1	85
595	A study on in vitro enzyme inhibitory properties of Asphodeline anatolica: New sources of natural inhibitors for public health problems. *Industrial Crops and Products*, **2016**, 83, 39-43	5.9	83
594	Essential Oils as Natural Sources of Fragrance Compounds for Cosmetics and Cosmeceuticals. *Molecules*, **2021**, 26,	4.8	83
593	A systematic review on black pepper L.): from folk uses to pharmacological applications. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, S210-S243	11.5	82
592	Crocus sativus L. stigmas and byproducts: Qualitative fingerprint, antioxidant potentials and enzyme inhibitory activities. *Food Research International*, **2018**, 109, 91-98	7	82

591	Screening of in vitro antioxidant and enzyme inhibitory activities of different extracts from two uninvestigated wild plants: Centranthus longiflorus subsp. longiflorus and Cerinthe minor subsp. auriculata. *European Journal of Integrative Medicine*, **2016**, 8, 286-292	1.7	78
590	Sideritis galatica Bornm.: A source of multifunctional agents for the management of oxidative damage, Alzheimer's's and diabetes mellitus. *Journal of Functional Foods*, **2014**, 11, 538-547	5.1	73
589	The Versatility of Antioxidant Assays in Food Science and Safety-Chemistry, Applications, Strengths, and Limitations. *Antioxidants*, **2020**, 9,	7.1	72
588	The role of flavonoids in autoimmune diseases: Therapeutic updates. *Pharmacology & Therapeutics*, **2019**, 194, 107-131	13.9	70
587	Traditional and modern uses of onion bulb (L.): a systematic review. *Critical Reviews in Food Science and Nutrition*, **2019**, 59, S39-S70	11.5	66
586	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	3.7	65
585	Euphorbia denticulata Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. *Biomedicine and Pharmacotherapy*, **2017**, 87, 27-36	7.5	64
584	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	5.9	64
583	Antimicrobial Activities and Phytochemical Profiles of Endemic Medicinal Plants of Mauritius. *Pharmaceutical Biology*, **2005**, 43, 237-242	3.8	64
582	Pecan nuts: A review of reported bioactivities and health effects. *Trends in Food Science and Technology*, **2018**, 71, 246-257	15.3	64
581	Chromatographic Analyses, In Vitro Biological Activities, and Cytotoxicity of Cannabis sativa L. Essential Oil: A Multidisciplinary Study. *Molecules*, **2018**, 23,	4.8	61
580	Phenolic constituent, antioxidative and tyrosinase inhibitory activity of Ornithogalum narbonense L. from Turkey: A phytochemical study. *Industrial Crops and Products*, **2015**, 70, 1-6	5.9	59
579	Determination of ciprofloxacin and levofloxacin in human sputum collected from cystic fibrosis patients using microextraction by packed sorbent-high performance liquid chromatography photodiode array detector. *Journal of Chromatography A*, **2015**, 1419, 58-66	4.5	59
578	Biological and chemical insights of Morina persica L.: A source of bioactive compounds with multifunctional properties. *Journal of Functional Foods*, **2016**, 25, 94-109	5.1	58
577	An assessment of the nutraceutical potential of Juglans regia L. leaf powder in diabetic rats. *Food and Chemical Toxicology*, **2017**, 107, 554-564	4.7	57
576	The dual impact of ACE2 in COVID-19 and ironical actions in geriatrics and pediatrics with possible therapeutic solutions. *Life Sciences*, **2020**, 257, 118075	6.8	57
575	Isolation of apigenin from subcritical water extracts: Optimization of the process. *Journal of Supercritical Fluids*, **2017**, 120, 32-42	4.2	56
574	Phenolic profiling and in vitro bioactivity of Moringa oleifera leaves as affected by different extraction solvents. *Food Research International*, **2020**, 127, 108712	7	55

573	Bioactive compounds in seaweeds: An overview of their biological properties and safety. *Food and Chemical Toxicology*, **2020**, 135, 111013	4.7	55
572	UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (Lycium barbarum L.) berries cultivars and their antioxidant, enzyme inhibitory, and real-time cytotoxicological evaluation. *Food and Chemical Toxicology*, **2018**, 115, 414-424	4.7	54
571	Multicomponent pattern and biological activities of seven Asphodeline taxa: potential sources of natural-functional ingredients for bioactive formulations. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 60-67	5.6	54
570	Phytochemical characterization, in vitro and in silico approaches for three Hypericum species. *New Journal of Chemistry*, **2018**, 42, 5204-5214	3.6	52
569	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, 3252-62	6.1	51
568	Enzymatic assays and molecular modeling studies of Schisandra chinensis lignans and phenolics from fruit and leaf extracts. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 200-210	5.6	51
567	Chemical and biological insights on Cotoneaster integerrimus: A new (-)- epicatechin source for food and medicinal applications. *Phytomedicine*, **2016**, 23, 979-88	6.5	50
566	Shedding light on the biological and chemical fingerprints of three Achillea species (A. biebersteinii, A. millefolium and A. teretifolia). *Food and Function*, **2017**, 8, 1152-1165	6.1	49
565	Evaluation of antioxidant potential, enzyme inhibition activity and phenolic profile of Lathyrus cicera and Lathyrus digitatus: Potential sources of bioactive compounds for the food industry. *Food and Chemical Toxicology*, **2017**, 107, 609-619	4.7	49
564	Ethnopharmacology, Phytochemistry, and Global Distribution of Mangroves-A Comprehensive Review. *Marine Drugs*, **2019**, 17,	6	49
563	Scrophularia lucida L. as a valuable source of bioactive compounds for pharmaceutical applications: In vitro antioxidant, anti-inflammatory, enzyme inhibitory properties, in silico studies, and HPLC profiles. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 162, 225-233	3.5	49
562	Combinatorial peptide library screening for discovery of diverse □-glucosidase inhibitors using molecular dynamics simulations and binary QSAR models. *Journal of Biomolecular Structure and Dynamics*, **2019**, 37, 726-740	3.6	49
561	Assessment of the antioxidant potential and fatty acid composition of four Centaurea L. taxa from Turkey. *Food Chemistry*, **2013**, 141, 91-7	8.5	48
560	Changes in the alternative electron sinks and antioxidant defence in chloroplasts of the extreme halophyte Eutrema parvulum (Thellungiella parvula) under salinity. *Annals of Botany*, **2015**, 115, 449-63	4.1	46
559	Graminex Pollen: Phenolic Pattern, Colorimetric Analysis and Protective Effects in Immortalized Prostate Cells (PC3) and Rat Prostate Challenged with LPS. *Molecules*, **2018**, 23,	4.8	46
558	Phenolic composition and functional properties of wild mint (Mentha longifolia var. calliantha (Stapf) Briq.). *International Journal of Food Properties*, **2018**, 21, 183-193	3	45
557	Traditionally Used Species: Phytochemical Composition, Antioxidant Activity, Enzyme Inhibitory Properties, Cytotoxic Effects, and Studies of and. *Frontiers in Pharmacology*, **2017**, 8, 83	5.6	45
556	Screening for in vitro antioxidant properties and fatty acid profiles of five Centaurea L. species from Turkey flora. *Food and Chemical Toxicology*, **2011**, 49, 2914-20	4.7	45

555	Anti-Oxidant and Tyrosinase Inhibitory In Vitro Activity of Amino Acids and Small Peptides: New Hints for the Multifaceted Treatment of Neurologic and Metabolic Disfunctions. *Antioxidants*, **2018**, 8,	7.1	45
554	Crepis foetida L. subsp. rhoeadifolia (Bieb.) Celak. as a source of multifunctional agents: Cytotoxic and phytochemical evaluation. *Journal of Functional Foods*, **2015**, 17, 698-708	5.1	44
553	Microwave-assisted extraction, HPLC analysis, and inhibitory effects on carbonic anhydrase I, II, VA, and VII isoforms of 14 blueberry Italian cultivars. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 1-6	5.6	43
552	A review of the traditional and modern uses of Salvadora persica L. (Miswak): Toothbrush tree of Prophet Muhammad. *Journal of Ethnopharmacology*, **2018**, 213, 409-444	5	43
551	Nutraceutical potential of Corylus avellana daily supplements for obesity and related dysmetabolism. *Journal of Functional Foods*, **2018**, 47, 562-574	5.1	42
550	Anthraquinone profile, antioxidant and enzyme inhibitory effect of root extracts of eight Asphodeline taxa from Turkey: can Asphodeline roots be considered as a new source of natural compounds?. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 754-9	5.6	41
549	Phytochemical profiling, in vitro biological properties and in silico studies on Caragana ambigua stocks (Fabaceae): A comprehensive approach. *Industrial Crops and Products*, **2019**, 131, 117-124	5.9	41
548	Chemical profiling, antioxidant, enzyme inhibitory and molecular modelling studies on the leaves and stem bark extracts of three African medicinal plants. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 19-33	3.5	41
547	In vitro and in silico perspectives on biological and phytochemical profile of three halophyte species-A source of innovative phytopharmaceuticals from nature. *Phytomedicine*, **2018**, 38, 35-44	6.5	40
546	The influence of the extraction temperature on polyphenolic profiles and bioactivity of chamomile (Matricaria chamomilla L.) subcritical water extracts. *Food Chemistry*, **2019**, 271, 328-337	8.5	40
545	MicroRNA targeting by quercetin in cancer treatment and chemoprotection. *Pharmacological Research*, **2019**, 147, 104346	10.2	40
544	Functional components, antidiabetic, anti-Alzheimerâ disease, and antioxidant activities of Salvia syriaca L.. *International Journal of Food Properties*, **2017**, 20, 1761-1772	3	40
543	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	5.6	40
542	The anti-inflammatory potential of Portulaca oleracea L. (purslane) extract by partial suppression on NF-B and MAPK activation. *Food Chemistry*, **2019**, 290, 239-245	8.5	39
541	Evidence for the involvement of TNF- and IL-1 in the antinociceptive and anti-inflammatory activity of Stachys lavandulifolia Vahl. (Lamiaceae) essential oil and (-)- bisabolol, its main compound, in mice. *Journal of Ethnopharmacology*, **2016**, 191, 9-18	5	39
540	In vitro antioxidant capacities and fatty acid compositions of three Centaurea species collected from Central Anatolia region of Turkey. *Food and Chemical Toxicology*, **2010**, 48, 2638-41	4.7	39
539	Amylase, glucosidase, tyrosinase, and cholinesterases inhibitory, antioxidant effects, and GC-MS analysis of wild mint (Mentha longifolia var. calliantha) essential oil: A natural remedy. *European Journal of Integrative Medicine*, **2018**, 22, 44-49	1.7	38
538	Polyphenolic composition, enzyme inhibitory effects ex-vivo and in-vivo studies on two Brassicaceae of north-central Italy. *Biomedicine and Pharmacotherapy*, **2018**, 107, 129-138	7.5	38

537	Characterization of phytochemical components of Ferula halophila extracts using HPLC-MS/MS and their pharmacological potentials: a multi-functional insight. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 160, 374-382	3.5	37
536	Subcritical water extraction as a cutting edge technology for the extraction of bioactive compounds from chamomile: Influence of pressure on chemical composition and bioactivity of extracts. *Food Chemistry*, **2018**, 266, 389-396	8.5	37
535	Salvia nemorosa L.: A novel source of bioactive agents with functional connections. *LWT - Food Science and Technology*, **2017**, 75, 42-50	5.4	37
534	In vitro and in silico Studies of Mangiferin from Aphloia theiformis on Key Enzymes Linked to Diabetes Type 2 and Associated Complications. *Medicinal Chemistry*, **2017**, 13, 633-640	1.8	37
533	Neem oil nanoemulsions: characterisation and antioxidant activity. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 1265-1273	5.6	36
532	Ginger and its active compounds in cancer therapy: From folk uses to nano-therapeutic applications. *Seminars in Cancer Biology*, **2021**, 69, 140-149	12.7	35
531	Combination of phenolic profiles, pharmacological properties and in silico studies to provide new insights on Silene salsuginea from Turkey. *Computational Biology and Chemistry*, **2018**, 77, 178-186	3.6	34
530	Development of novel techniques to extract phenolic compounds from Romanian cultivars of Prunus domestica L. and their biological properties. *Food and Chemical Toxicology*, **2018**, 119, 189-198	4.7	33
529	Ajuga chamaecistus subsp. scoparia (Boiss.) Rech.f.: A new source of phytochemicals for antidiabetic, skin-care, and neuroprotective uses. *Industrial Crops and Products*, **2016**, 94, 89-96	5.9	33
528	Pleotropic Effects of Polyphenols in Cardiovascular System. *Biomedicine and Pharmacotherapy*, **2020**, 130, 110714	7.5	33
527	Antioxidant and enzyme-inhibitory activity of peppermint extracts and essential oils obtained by conventional and emerging extraction techniques. *Food Chemistry*, **2021**, 338, 127724	8.5	33
526	Volatile components, pharmacological profile, and computational studies of essential oil from Aegle marmelos (Bael) leaves: A functional approach. *Industrial Crops and Products*, **2018**, 126, 13-21	5.9	33
525	In vitro and in silico evaluation of Centaurea saligna (K.Koch) Wagenitz-An endemic folk medicinal plant. *Computational Biology and Chemistry*, **2018**, 73, 120-126	3.6	31
524	Capparis spinosa L.: A Plant with High Potential for Development of Functional Foods and Nutraceuticals/Pharmaceuticals. *International Journal of Pharmacology*, **2016**, 12, 201-219	0.7	31
523	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, 144-56	6.8	31
522	The Genus Heracleum: A Comprehensive Review on Its Phytochemistry, Pharmacology, and Ethnobotanical Values as a Useful Herb. *Comprehensive Reviews in Food Science and Food Safety*, **2016**, 15, 1018-1039	16.4	31
521	Multifunctional approaches to provide potential pharmacophores for the pharmacy shelf: Heracleum sphondylium L. subsp. ternatum (Velen.) Brummitt. *Computational Biology and Chemistry*, **2019**, 78, 64-73	3.6	31
520	Hydrogen sulfide (HS) and nitric oxide (NO) alleviate cobalt toxicity in wheat (Triticum aestivum L.) by modulating photosynthesis, chloroplastic redox and antioxidant capacity. *Journal of Hazardous Materials*, **2020**, 388, 122061	12.8	30

519	Total Phenolics, Flavonoids, Condensed Tannins Content of Eight Centaurea Species and Their Broad Inhibitory Activities against Cholinesterase, Tyrosinase, Amylase and Glucosidase. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **2016**, 44, 195-200	1.2	30
518	Comparative in vitro studies of the biological potential and chemical composition of stems, leaves and berries Aronia melanocarpa's extracts obtained by subcritical water extraction. *Food and Chemical Toxicology*, **2018**, 121, 458-466	4.7	30
517	Effects of Aphloia theiformis on key enzymes related to diabetes mellitus. *Pharmaceutical Biology*, **2017**, 55, 864-872	3.8	29
516	4-(3-Nitrophenyl)thiazol-2-ylhydrazone derivatives as antioxidants and selective hMAO-B inhibitors: synthesis, biological activity and computational analysis. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 597-612	5.6	29
515	New insights into the in vitro biological effects, in silico docking and chemical profile of clary sage - Salvia sclarea L. *Computational Biology and Chemistry*, **2018**, 75, 111-119	3.6	29
514	HPLCâDAD analysis of phenolic compounds and antioxidant properties of Asphodeline lutea roots from Bulgaria and Turkey. *Industrial Crops and Products*, **2014**, 61, 438-441	5.9	29
513	Sesquiterpenes and their derivatives-natural anticancer compounds: An update. *Pharmacological Research*, **2020**, 161, 105165	10.2	29
512	Discovery of arginine-containing tripeptides as a new class of pancreatic lipase inhibitors. *Future Medicinal Chemistry*, **2019**, 11, 5-19	4.1	29
511	The humic acid-induced changes in the water status, chlorophyll fluorescence and antioxidant defense systems of wheat leaves with cadmium stress. *Ecotoxicology and Environmental Safety*, **2018**, 155, 66-75	7	28
510	Composition of essential oil and antioxidant capacity of Centaurea drabifolia Sm. subsp. detonsa (Bornm.) Wagenitz, endemic to Turkey. *Natural Product Research*, **2012**, 26, 1-10	2.3	28
509	Crocus sativus, Serenoa repens and Pinus massoniana extracts modulate inflammatory response in isolated rat prostate challenged with LPS. *Journal of Biological Regulators and Homeostatic Agents*, **2017**, 31, 531-541	0.7	28
508	Evaluation of antioxidant, enzyme inhibition, and cytotoxic activity of three anthraquinones (alizarin, purpurin, and quinizarin). *Human and Experimental Toxicology*, **2016**, 35, 544-53	3.4	27
507	Triterpene Acid and Phenolics from Ancient Apples of Friuli Venezia Giulia as Nutraceutical Ingredients: LC-MS Study and In Vitro Activities. *Molecules*, **2019**, 24,	4.8	27
506	Selected essential oils inhibit key physiological enzymes and possess intracellular and extracellular antimelanogenic properties in´vitro. *Journal of Food and Drug Analysis*, **2018**, 26, 232-243	7	27
505	Design, synthesis and biochemical evaluation of novel multi-target inhibitors as potential anti-Parkinson agents. *European Journal of Medicinal Chemistry*, **2018**, 143, 1543-1552	6.8	27
504	The role of antioxidant responses on the tolerance range of extreme halophyte Salsola crassa grown under toxic salt concentrations. *Ecotoxicology and Environmental Safety*, **2014**, 110, 21-30	7	27
503	A Multidirectional Perspective for Novel Functional Products: Pharmacological Activities and Studies on subsp.. *Frontiers in Pharmacology*, **2017**, 8, 600	5.6	27
502	Chemical and biological approaches on nine fruit tree leaves collected from the Mediterranean region of Turkey. *Journal of Functional Foods*, **2016**, 22, 518-532	5.1	26

501	Analysis of imidazoles and triazoles in biological samples after MicroExtraction by packed sorbent. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 1-11	5.6	26
500	Onosma aucheriana: A source of biologically active molecules for novel food ingredients and pharmaceuticals. *Journal of Functional Foods*, **2015**, 19, 479-486	5.1	26
499	The impact of selenium application on enzymatic and non-enzymatic antioxidant systems in Zea mays roots treated with combined osmotic and heat stress. *Archives of Agronomy and Soil Science*, **2017**, 63, 261-275	2	25
498	Combining in ́vitro, in ́vivo 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	4.7	25
497	Exogenous opioid peptides derived from food proteins and their possible uses as dietary supplements: A critical review. *Food Reviews International*, **2018**, 34, 70-86	5.5	25
496	Advantages of contemporary extraction techniques for the extraction of bioactive constituents from black elderberry (Sambucus nigra L.) flowers. *Industrial Crops and Products*, **2019**, 136, 93-101	5.9	24
495	A comparative study of Bulgarian and Turkish Asphodeline lutea root extracts: HPLCâDAD-UV profiles, enzyme inhibitory potentials and anti-proliferative activities against MCF-7 and MCF-10A cell lines. *Journal of Functional Foods*, **2015**, 15, 254-263	5.1	24
494	Phenolic Content and Antimicrobial and Anti-Inflammatory Effects of , , , , and Extracts. *Antibiotics*, **2020**, 9,	4.9	24
493	Lathyrus aureus and Lathyrus pratensis: characterization of phytochemical profiles by liquid chromatography-mass spectrometry, and evaluation of their enzyme inhibitory and antioxidant activities. *RSC Advances*, **2016**, 6, 88996-89006	3.7	24
492	Seasonal changes in the total fatty acid composition of Vimba, Vimba vimba tenella (Nordmann, 1840) in Eğirdir Lake, Turkey. *Food Chemistry*, **2009**, 116, 728-730	8.5	24
491	Antioxidant and Neuroprotective Effects Induced by Cannabidiol and Cannabigerol in Rat CTX-TNA2 Astrocytes and Isolated Cortexes. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	24
490	Evaluation of Antioxidant, Antimicrobial and Tyrosinase Inhibitory Activities of Extracts from an Edible Wild Mushroom. *Antibiotics*, **2020**, 9,	4.9	24
489	Identification of phenolic components via LC-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	3.5	24
488	Impact of different geographical locations on varying profile of bioactives and associated functionalities of caper (Capparis spinosa L.). *Food and Chemical Toxicology*, **2018**, 118, 181-189	4.7	23
487	Momordica charantia extracts inhibit uptake of monosaccharide and amino acid across rat everted gut sacs in-vitro. *Biological and Pharmaceutical Bulletin*, **2004**, 27, 216-8	2.3	23
486	Phenolic profiling and in vitro biological properties of two Lamiaceae species (Salvia modesta and Thymus argaeus): A comprehensive evaluation. *Industrial Crops and Products*, **2019**, 128, 308-314	5.9	23
485	Novel in vitro and in silico insights of the multi-biological activities and chemical composition of Bidens tripartita L. *Food and Chemical Toxicology*, **2018**, 111, 525-536	4.7	23
484	Chemical and biological insights on aronia stems extracts obtained by different extraction techniques: From wastes to functional products. *Journal of Supercritical Fluids*, **2017**, 128, 173-181	4.2	22

483	Multidirectional insights on Chrysophyllum perpulchrum leaves and stem bark extracts: HPLC-ESI-MSn profiles, antioxidant, enzyme inhibitory, antimicrobial and cytotoxic properties. *Industrial Crops and Products*, **2019**, 134, 33-42	5.9	22
482	Protective roles of exogenously applied gallic acid in Oryza sativa subjected to salt and osmotic stresses: effects on the total antioxidant capacity. *Plant Growth Regulation*, **2015**, 75, 219-234	3.2	22
481	Integration of in vitro and in silico perspectives to explain chemical characterization, biological potential and anticancer effects of Hypericum salsugineum: A pharmacologically active source for functional drug formulations. *PLoS ONE*, **2018**, 13, e0197815	3.7	22
480	A Comparative Assessment of Biological Effects and Chemical Profile of Italian Asphodeline lutea Extracts. *Molecules*, **2018**, 23,	4.8	22
479	Enzyme inhibitory and antioxidant properties of six mushroom species from the Agaricaceae family. *South African Journal of Botany*, **2019**, 120, 95-99	2.9	22
478	Nutritional and functional roles of millets-A review. *Journal of Food Biochemistry*, **2019**, 43, e12859	3.3	21
477	Exploring the Nutraceutical Potential of Dried Pepper L. on Market from Altino in Abruzzo Region. *Antioxidants*, **2020**, 9,	7.1	21
476	Enzyme Inhibitory Properties, Antioxidant Activities, and Phytochemical Profile of Three Medicinal Plants from Turkey. *Advances in Pharmacological Sciences*, **2015**, 2015, 410675	4.9	21
475	Antibacterial activities of extracts from twelve Centaurea species from Turkey. *Archives of Biological Sciences*, **2011**, 63, 685-690	0.7	21
474	Metabolomic Profile and Antioxidant/Anti-Inflammatory Effects of Industrial Hemp Water Extract in Fibroblasts, Keratinocytes and Isolated Mouse Skin Specimens. *Antioxidants*, **2021**, 10,	7.1	21
473	Multiple pharmacological targets, cytotoxicity, and phytochemical profile of Aphloia theiformis (Vahl.) Benn. *Biomedicine and Pharmacotherapy*, **2017**, 89, 342-350	7.5	20
472	Antiproliferative activity against leukemia cells of sesquiterpene lactones from the Turkish endemic plant Centaurea drabifolia subsp. detonsa. *Fitoterap*, **2017**, 120, 98-102	3.2	20
471	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	3.6	20
470	Plants-A Comprehensive Review on Health Benefits and Biological Activities. *Molecules*, **2019**, 24,	4.8	20
469	Characterization of Arils Juice and Peel Decoction of Fifteen Varieties of L.: A Focus on Anthocyanins, Ellagitannins and Polysaccharides. *Antioxidants*, **2020**, 9,	7.1	20
468	Exogenous Nitric Oxide (as Sodium Nitroprusside) Ameliorates Polyethylene Glycol-Induced Osmotic Stress in Hydroponically Grown Maize Roots. *Journal of Plant Growth Regulation*, **2014**, 33, 683-696	4.7	20
467	Exploring the halophyte Cistanche phelypaea (L.) Cout as a source of health promoting products: In vitro antioxidant and enzyme inhibitory properties, metabolomic profile and computational studies. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 165, 119-128	3.5	20
466	Phytochemical characterization and bioactivities of five Apiaceae species: Natural sources for novel ingredients. *Industrial Crops and Products*, **2019**, 135, 107-121	5.9	19

465	A phytochemical study on Potentilla anatolica: An endemic Turkish plant. *Industrial Crops and Products*, **2015**, 76, 1001-1007	5.9	19
464	Multidirectional investigations on different parts of Allium scorodoprasum L. subsp. rotundum (L.) Stearn: Phenolic components, in vitro biological, and in silico propensities. *Food Research International*, **2018**, 108, 641-649	7	19
463	In vitro biological propensities and chemical profiling of Euphorbia milii Des Moul (Euphorbiaceae): A novel source for bioactive agents. *Industrial Crops and Products*, **2019**, 130, 9-15	5.9	19
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