

# Gkhan Zengin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Anticancer properties of medicinal plants and their bioactive compounds against breast cancer: a review on recent investigations.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 29, 24411	5.1	5
607	The Association of Tanacetum parthenium and Salix alba Extracts Reduces Cortex Serotonin Turnover, in an Ex Vivo Experimental Model of Migraine. <i>Processes</i> , <b>2022</b> , 10, 280	2.9	1
606	Pharmacological Effects of Grifolin: Focusing on Anticancer Mechanisms.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	3
605	Bio-chemical characterization and in silico computational experimental properties of Trianthema triquetra Rottler & Willd.: A desert medicinal plant for industrial products. <i>Industrial Crops and Products</i> , <b>2022</b> , 177, 114474	5.9	1
604	Assessing the bioactivity, cytotoxicity, and rheological properties of pectin recovered from citrus peels. <i>Food Bioscience</i> , <b>2022</b> , 46, 101550	4.9	3
603	Evaluation of the chemical constituents, antioxidant and enzyme inhibitory activities of six Yemeni green coffee beans varieties. <i>Food Bioscience</i> , <b>2022</b> , 46, 101552	4.9	1
602	The effects of ethanolic extract of the leaves of Erythroxylum mucronatum (Benth.) (Erythroxylaceae) on strength and muscle performance of resistance trained rats. <i>Phytomedicine Plus</i> , <b>2022</b> , 2, 100230		
601	Comprehensive review on naringenin and naringin polyphenols as a potent anticancer agent.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	9
600	Genetic diversity, antimicrobial, nutritional, and phytochemical properties of Chenopodium album: A comprehensive review.. <i>Food Research International</i> , <b>2022</b> , 154, 110979	7	3
599	Phytochemical and multi-biological characterization of two Cynara scolymus L. varieties: A glance into their potential large scale cultivation and valorization as bio-functional ingredients. <i>Industrial Crops and Products</i> , <b>2022</b> , 178, 114623	5.9	3
598	Exogenous hesperidin and chlorogenic acid alleviate oxidative damage induced by arsenic toxicity in Zea mays through regulating the water status, antioxidant capacity, redox balance and fatty acid composition. <i>Environmental Pollution</i> , <b>2022</b> , 292, 118389	9.3	2
597	Nanomaterial sulfonated graphene oxide advances the tolerance against nitrate and ammonium toxicity by regulating chloroplastic redox balance, photochemistry of photosystems and antioxidant capacity in Triticum aestivum. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127310	12.8	2
596	Traditional uses, bioactive composition, pharmacology, and toxicology of Phyllanthus emblica fruits: A comprehensive review. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 282, 114570	5	11
595	The functional potential of nine Allium species related to their untargeted phytochemical characterization, antioxidant capacity and enzyme inhibitory ability. <i>Food Chemistry</i> , <b>2022</b> , 368, 130782	8.5	6
594	The Role of Epigenetic Modifications in Human Cancers and the Use of Natural Compounds as Epidrugs: Mechanistic Pathways and Pharmacodynamic Actions.. <i>Biomolecules</i> , <b>2022</b> , 12,	5.9	9
593	Profiling of phytochemicals from aerial parts of Terminalia neotaliala using LC-ESI-MS2 and determination of antioxidant and enzyme inhibition activities.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266094	3.7	0
592	Phytochemical Insights into Extracts and Their Biological Activity.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	3

591	Biotechnological applications of mangrove plants and their isolated compounds in medicine-a mechanistic overview.. <i>Critical Reviews in Biotechnology</i> , <b>2022</b> , 1-22	9.4	0
590	The Hierarchical Contribution of Organic vs. Conventional Farming, Cultivar, and Terroir on Untargeted Metabolomics Phytochemical Profile and Functional Traits of Tomato Fruits.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 856513	6.2	0
589	Cosmeceutical Therapy: Engaging the Repercussions of UVR Photoaging on the Skin's Circadian Rhythm.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
588	Rosmarinic acid and hesperidin regulate gas exchange, chlorophyll fluorescence, antioxidant system and the fatty acid biosynthesis-related gene expression in <i>Arabidopsis thaliana</i> under heat stress.. <i>Phytochemistry</i> , <b>2022</b> , 113157	4	1
587	The biphasic responses of nanomaterial fullerene on stomatal movement, water status, chlorophyll a fluorescence transient, radical scavenging system and aquaporin-related gene expression in <i>Zea mays</i> under cobalt stress.. <i>Science of the Total Environment</i> , <b>2022</b> , 826, 154213	10.2	1
586	Impacts of nutritive and bioactive compounds on cancer development and therapy.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2022</b> , 1-30	11.5	
585	Guaiane-rich phytochemical profile of <i>Centaurea kotschyi</i> subsp. <i>persica</i> (Boiss.) Wagenitz and identification of hypoglycaemic metabolites.. <i>Phytochemistry</i> , <b>2022</b> , 199, 113189	4	
584	Polyphenolic composition and antimicrobial activity of extracts obtained from grape processing by-products: Between green biotechnology and nutraceutical. <i>Process Biochemistry</i> , <b>2022</b> , 118, 84-91	4.8	0
583	L. exerts antineurodegenerative and antioxidant activities and induces prooxidant effect in glioblastoma cell line.. <i>EXCLI Journal</i> , <b>2022</b> , 21, 387-399	2.4	1
582	The Prospects of <i>Swietenia macrophylla</i> King in Skin Care. <i>Antioxidants</i> , <b>2022</b> , 11, 913	7.1	1
581	Artisanal fortified beers: Brewing, enrichment, HPLC-DAD analysis and preliminary screening of antioxidant and enzymatic inhibitory activities. <i>Food Bioscience</i> , <b>2022</b> , 48, 101721	4.9	1
580	Chemical Compounds of Berry-Derived Polyphenols and Their Effects on Gut Microbiota, Inflammation, and Cancer. <i>Molecules</i> , <b>2022</b> , 27, 3286	4.8	2
579	Ecdysteroids as Potent Enzyme Inhibitors and Verification of Their Activity Using in Vitro and in Silico Docking Studies. <i>Life</i> , <b>2022</b> , 12, 824	3	
578	Unveiling the Phytochemical Profile and Biological Potential of Five <i>Artemisia</i> Species. <i>Antioxidants</i> , <b>2022</b> , 11, 1017	7.1	2
577	Chemical characterization, comprehensive antioxidant capacity, and enzyme inhibitory potential of leaves from <i>Pistacia terebinthus</i> L. (Anacardiaceae). <i>Food Bioscience</i> , <b>2022</b> , 48, 101820	4.9	0
576	Comparative study on the chemical composition and biological activities of the essential oils of three species collected from Uzbekistan. <i>Natural Product Research</i> , <b>2021</b> , 35, 2734-2738	2.3	2
575	Protective effects induced by the food supplement Fluxonorm® in the lower urinary tract. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2021</b> , 25, 3074-3082	2.9	2
574	Exploring the Chemical Profiles and Biological Values of Two Species ( and ): Valuable Sources of Bioactive Natural Products. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3

573	Anticancer and Anti-Inflammatory Effects of Tomentosin: Cellular and Molecular Mechanisms. <i>Separations</i> , <b>2021</b> , 8, 207	3.1	8
572	Evaluation of Sambucus nigra L. Biopotential as an Unused Natural Resource. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11207	2.6	0
571	Biological activities and chemical composition of Xanthoria lichens from Turkey. <i>International Journal of Secondary Metabolite</i> , <b>2021</b> , 8, 376-388	0.5	1
570	African Traditional Medicine and Potential Role for Mental Health <b>2021</b> , 791-806		
569	Isolation of Bioactive Compounds from Pistacia integerrima with Promising Effects on Reverse Cancer Multidrug Resistance. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 997-1003	1	1
568	Phytochemical Constituents and Biological Activities of the Unexplored Plant Rhinanthus angustifolius subsp. grandiflorus. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9162	2.6	0
567	Review of the recent developments in metabolomics-based phytochemical research. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-16	11.5	0
566	Validation of the Antioxidant and Enzyme Inhibitory Potential of Selected Triterpenes Using In Vitro and In Silico Studies, and the Evaluation of Their ADMET Properties. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
565	Metabolomics and Physiological Insights into the Ability of Exogenously Applied Chlorogenic Acid and Hesperidin to Modulate Salt Stress in Lettuce Distinctively. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
564	Insights into the Phytochemical and Multifunctional Biological Profile of Spices from the Genus. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
563	LC-MS Based Analysis and Biological Properties of (Schweinf.) Harms Extracts: A Valuable Source of Antioxidant, Antifungal, and Antibacterial Compounds. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
562	Investigation on the Phytochemical Composition, Antioxidant and Enzyme Inhibition Potential of Polygonum Plebeium R.Br: A Comprehensive Approach to Disclose New Nutraceutical and Functional Food Ingredients. <i>Chemistry and Biodiversity</i> , <b>2021</b> , e2100706	2.5	0
561	C, O ãFlavonoid glycosides and oleanane-type bidesmosides from Gypsophila perfoliata L. ãEkiraeã (Caryophyllaceae): Chemophenetic implications. <i>Biochemical Systematics and Ecology</i> , <b>2021</b> , 99, 104353	1.4	1
560	Phenolic profile, antioxidant and enzyme inhibition properties of seed methanolic extract of seven new Sunflower lines: From fields to industrial applications. <i>Process Biochemistry</i> , <b>2021</b> , 111, 53-61	4.8	3
559	The Potential Application of Novel Drug Delivery Systems for Phytopharmaceuticals and Natural Extracts - Current Status and Future Perspectives. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2021</b> , 21, 2731-2746	2.2	1
558	Phenolic Analysis and In Vitro Biological Activity of Red Wine, Pomace and Grape Seeds Oil Derived from L. cv. Montepulciano d'Abruzzo. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	17
557	enzyme inhibitory and anti-oxidant properties, cytotoxicity and chemical composition of the halophyte (L.) R.Br. (Brassicaceae). <i>Natural Product Research</i> , <b>2021</b> , 35, 4753-4756	2.3	1
556	and as Sources of Antioxidants and Multi-Target Bioactive Compounds: A Comprehensive Characterization Combining Bioassays and Integrated NMR and LC-MS Characterization by Using a Multivariate Approach. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 660735	5.6	3

555	An insight into Verbascum bombyciferum extracts: Different extraction methodologies, biological abilities and chemical profiles. <i>Industrial Crops and Products</i> , <b>2021</b> , 161, 113201	5.9	7
554	Functional foods and bioactive ingredients harnessed from the ocean: current status and future perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-30	11.5	5
553	Chemical Composition and Pharmacological Evaluation and of Toddalia asiatica (Rutaceae) Extracts and Essential Oil by in Vitro and in Silico Approaches. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000999	2.5	1
552	Phytochemical Investigations and In Vitro Bioactivity Screening on Melia azedarach L. Leaves Extract from Nepal. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2001070	2.5	2
551	A comparative study on biological properties and chemical profiles of different solvent extracts from Centaurea bingolensis, an endemic plant of Turkey. <i>Process Biochemistry</i> , <b>2021</b> , 102, 315-324	4.8	10
550	Enzyme inhibition and antioxidant functionality of eleven Inula species based on chemical components and chemometric insights. <i>Biochemical Systematics and Ecology</i> , <b>2021</b> , 95, 104225	1.4	2
549	A Systematic Review of Traditionally Used Herbs and Animal-Derived Products as Potential Analgesics. <i>Current Neuropharmacology</i> , <b>2021</b> , 19, 553-588	7.6	0
548	Chemical Characterisation-Biological Evaluation of Greek Cultivar Cardoon Seeds (Cynara cardunculus). A By-product with Potential High Added Value. <i>Planta Medica</i> , <b>2021</b> , 87, 1025-1031	3.1	0
547	Chemical composition and biological activities of essential oils from Calendula officinalis L. flowers and leaves. <i>Flavour and Fragrance Journal</i> , <b>2021</b> , 36, 554-563	2.5	8
546	Phytochemicals from Plant Foods as Potential Source of Antiviral Agents: An Overview. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	12
545	Antibiotic Potentiation of Natural Products: A Promising Target to Fight Pathogenic Bacteria. <i>Current Drug Targets</i> , <b>2021</b> , 22, 555-572	3	4
544	Establishment of a Rapid Micropropagation System for Wall. Ex Baker: Phytochemical Analysis of Leaf Extracts and Evaluation of Biological Activities. <i>Plants</i> , <b>2021</b> , 10,	4.5	4
543	Determination of phenolics composition, antioxidant activity, and therapeutic potential of Golden marguerite (Cota tinctoria). <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 3314-3322	2.8	0
542	Chemical composition, biological properties and bioinformatics analysis of two Caesalpina species: A new light in the road from nature to pharmacy shelf. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 198, 114018	3.5	4
541	Chemical Composition and Biological Properties of Two Species: Different Parts and Different Extraction Methods. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
540	Global documentation of traditionally used medicinal plants in cancer management: A systematic review. <i>South African Journal of Botany</i> , <b>2021</b> , 138, 424-494	2.9	3
539	UHPLC-QTOF-MS based metabolomics and biological activities of different parts of Eriobotrya japonica. <i>Food Research International</i> , <b>2021</b> , 143, 110242	7	3
538	Exploring the Various Aspects of Brain-Derived Neurotrophic Factor (BDNF) in Diabetes Mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2021</b> , 20, 22-33	2.6	3

537	Volatile and phenolic profiling of a traditional medicinal plant, <i>Hypericum empetrifolium</i> with in vitro biological activities. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 272, 113933	5	6
536	The comparison of the phytochemical composition, antioxidant and enzyme inhibition activity of two moss species: (Brid.) T. Kop. and Sull., from southwest ecological region in Turkey. <i>Natural Product Research</i> , <b>2021</b> , 1-6	2.3	2
535	The UHPLC-QTOF-MS Phenolic Profiling and Activity of Mill. Reveals a Promising Nutraceutical Potential. <i>Foods</i> , <b>2021</b> , 10,	4.9	4
534	Benzylated Dihydroflavones and Isoquinoline-Derived Alkaloids from the Bark of (Annonaceae) and Their Cytotoxicities. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
533	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> , <b>2021</b> , 18, e2100299	2.5	0
532	Chemical Profiling and Biological Evaluation of Extracts and Essential Oil: An Endemic Plant from Turkey. <i>Plants</i> , <b>2021</b> , 10,	4.5	2
531	Green synthesis of silver nanoparticles using aqueous extracts of three <i>Sideritis</i> species from Turkey and evaluations bioactivity potentials. <i>Sustainable Chemistry and Pharmacy</i> , <b>2021</b> , 21, 100426	3.9	10
530	Current Perspective on the Natural Compounds and Drug Delivery Techniques in Glioblastoma Multiforme. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
529	Anticancer and biological properties of leaf and flower extracts of <i>Echinacea purpurea</i> (L.) Moench. <i>Food Bioscience</i> , <b>2021</b> , 41, 101005	4.9	1
528	A Pharmacological Perspective on Plant-derived Bioactive Molecules for Epilepsy. <i>Neurochemical Research</i> , <b>2021</b> , 46, 2205-2225	4.6	14
527	New perspectives into the chemical characterization of <i>Sida acuta</i> Burm. f. extracts with respect to its anti-cancer, antioxidant and enzyme inhibitory effects. <i>Process Biochemistry</i> , <b>2021</b> , 105, 91-101	4.8	5
526	Isosmotic Macrocation Variation Modulates Mineral Efficiency, Morpho-Physiological Traits, and Functional Properties in Hydroponically Grown Lettuce Varieties ( L.). <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 678799	6.2	2
525	Untargeted Phytochemical Profile, Antioxidant Capacity and Enzyme Inhibitory Activity of Cultivated and Wild Lupin Seeds from Tunisia. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
524	<i>Tanacetum vulgare</i> L. (Tansy) as an effective bioresource with promising pharmacological effects from natural arsenal. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 153, 112268	4.7	6
523	Physiopathology and effectiveness of therapeutic vaccines against human papillomavirus. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 47752-47772	5.1	3
522	Unravelling the Phytochemical Composition and the Pharmacological Properties of an Optimized Extract from the Fruit from L.: From Traditional Liqueur Market to the Pharmacy Shelf. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
521	New insights into the phytochemical composition, enzyme inhibition and antioxidant properties of desert cotton ( (Bum.f) Shult. -Amaranthaceae). <i>Natural Product Research</i> , <b>2021</b> , 35, 664-668	2.3	2
520	Characterization of nutritionally important lipophilic constituents from brown kelp <i>Ecklonia radiata</i> (C. Ag.) J. Agardh. <i>Food Chemistry</i> , <b>2021</b> , 340, 127897	8.5	9



519	Antioxidant and enzyme-inhibitory activity of peppermint extracts and essential oils obtained by conventional and emerging extraction techniques. <i>Food Chemistry</i> , <b>2021</b> , 338, 127724	8.5	33
518	Phenolic Profiling, Antioxidants, Multivariate, and Enzyme Inhibitory Properties of Wild Himalayan Fig ( <i>Ficus palmata</i> Forssk.): A Potential Candidate for Designing Innovative Nutraceuticals and Related Products. <i>Analytical Letters</i> , <b>2021</b> , 54, 1439-1456	2.2	8
517	Bougainvillea glabra (choisy): A comprehensive review on botany, traditional uses, phytochemistry, pharmacology and toxicity. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 266, 113356	5	6
516	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> , <b>2021</b> , 265, 113338	5	12
515	Supercritical and ultrasound-assisted extracts from <i>Pleurotus pulmonarius</i> mushroom: chemical profiles, antioxidative, and enzyme-inhibitory properties. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 2284-2293	4.3	3
514	Chemodiversity and biological activity of essential oils from three species from the <i>Euphorbia</i> genus. <i>Flavour and Fragrance Journal</i> , <b>2021</b> , 36, 148-158	2.5	6
513	Chemical characterization, antioxidant and enzyme inhibitory effects of <i>Mitracarpus hirtus</i> extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 194, 113799	3.5	4
512	Phenolic profile, enzyme inhibition and antioxidant activities and bioinformatics analysis of leaf and stem bark of <i>Ficus sycomorus</i> L.. <i>Process Biochemistry</i> , <b>2021</b> , 101, 169-178	4.8	9
511	Bioactivity assays, chemical characterization, ADMET predictions and network analysis of <i>Khaya senegalensis</i> A. Juss (Meliaceae) extracts. <i>Food Research International</i> , <b>2021</b> , 139, 109970	7	4
510	Chemical profile and biological properties of the endemic Turkish species <i>Phyllocara aucheri</i> . <i>South African Journal of Botany</i> , <b>2021</b> , 137, 340-344	2.9	0
509	Anti-Inflammatory, Antioxidant and Enzyme Inhibition Activities in Correlation with Mycochemical Profile of Selected Indigenous <i>Ganoderma</i> spp. from Balkan Region (Serbia). <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000828	2.5	2
508	HPLC-FRAP methodology and biological activities of different stem bark extracts of <i>Cajanus cajan</i> (L.) Millsp. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 192, 113678	3.5	7
507	Pharmacological investigation of <i>Ajuga reptans</i> essential oils collected at three phenological stages. <i>Flavour and Fragrance Journal</i> , <b>2021</b> , 36, 75-83	2.5	2
506	Niazirin from <i>Moringa oleifera</i> Lam. attenuates high glucose-induced oxidative stress through PKC/ $\text{N}\alpha$ pathway. <i>Phytomedicine</i> , <b>2021</b> , 86, 153066	6.5	9
505	A comparative study of the HPLC-MS profiles and biological efficiency of different solvent leaf extracts of two African plants: and. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 31, 285-297	3.6	5
504	Ginger and its active compounds in cancer therapy: From folk uses to nano-therapeutic applications. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 69, 140-149	12.7	35
503	Chemical Composition and Biological Activity of Constituents of <i>Otostegia bucharica</i> . <i>Chemistry of Natural Compounds</i> , <b>2021</b> , 57, 180-182	0.7	0
502	Phytochemical Profile and Biological Activities of Crude and Purified Extracts. <i>Plants</i> , <b>2021</b> , 10,	4.5	3

501	GC-MS Based Identification of the Volatile Components of Six Species from Uzbekistan and Their Biological Activity. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
500	Essential Oils as Natural Sources of Fragrance Compounds for Cosmetics and Cosmeceuticals. <i>Molecules</i> , <b>2021</b> , 26,	4.8	83
499	Chemical characterization, cytotoxic, antioxidant, antimicrobial, and enzyme inhibitory effects of different extracts from one sage ( <i>L.</i> ) from Turkey: open a new window on industrial purposes.. <i>RSC Advances</i> , <b>2021</b> , 11, 5295-5310	3.7	5
498	Metabolomic insight into the profile, in vitro bioaccessibility and bioactive properties of polyphenols and glucosinolates from four Brassicaceae microgreens. <i>Food Research International</i> , <b>2021</b> , 140, 110039	7	10
497	Chemical profiling, antimicrobial, anti-enzymatic, and cytotoxic properties of <i>Phlomis fruticosa</i> L. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 195, 113884	3.5	5
496	Pharmacological Potential and Chemical Characterization of Benth.-A Native Tropical African Medicinal Plant. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	8
495	Deeper Insights on (Schumach. & Thonn.) Ml.Arg Extracts: Chemical Profiles, Biological Abilities, Network Analysis and Molecular Docking. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
494	Investigation of phytochemical composition and enzyme inhibitory potential of <i>L. Natural Product Research</i> , <b>2021</b> , 1-6	2.3	1
493	Chemical and Bioinformatics Analyses of the Anti-Leishmanial and Anti-Oxidant Activities of Hemp Essential Oil. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	13
492	GC/MS Profiling, In Vitro and In Silico Pharmacological Screening and Principal Component Analysis of Essential Oils from Three Exotic and Two Endemic Plants from Mauritius. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000921	2.5	4
491	In vivo hypocholesterolemic and anti-inflammatory effect of <i>Aloysia triphylla</i> (L'Hf.) Britton and <i>Trigonella foenum-græcum</i> L. seeds. <i>South African Journal of Botany</i> , <b>2021</b> ,	2.9	1
490	A comprehensive evaluation of the chemical profiles and biological properties of six geophytes from Turkey: Sources of bioactive compounds for novel nutraceuticals. <i>Food Research International</i> , <b>2021</b> , 140, 110068	7	1
489	Comparative Investigation of Composition, Antifungal, and Anti-Inflammatory Effects of the Essential Oil from Three Industrial Hemp Varieties from Italian Cultivation. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	9
488	Anticancer mechanisms of phytochemical compounds: focusing on epigenetic targets. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 47869-47903	5.1	10
487	UHPLC-MS Characterization and Biological Insights of Different Solvent Extracts of Two Species ( and ) from Turkey. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	5
486	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
485	LC-ESI-QTOF-MS/MS Analysis, Cytotoxic, Antiviral, Antioxidant, and Enzyme Inhibitory Properties of Four Extracts of <i>Burm. f.</i> : A Good Gift from the Natural Treasure. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
484	Health beneficial and pharmacological properties of p-cymene. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 153, 112259	4.7	17



483	Reprint of: Essential oils from 9 exotic and endemic medicinal plants from Mauritius shows in vitro antibacterial and antibiotic potentiating activities. <i>South African Journal of Botany</i> , <b>2021</b> , 140, 478-485	2.9	1
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480	Comprehensive evaluation of two <i>Astragalus</i> species ( <i>A. campylosema</i> and <i>A. hirsutus</i> ) based on biological, toxicological properties and chemical profiling. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 154, 112330	4.7	2
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4 <sup>06</sup>	<i>Cola caricifolia</i> (G.Don) K. Schum and <i>Crotalaria retusa</i> L. from Ivory Coast as sources of bioactive constituents. <i>Industrial Crops and Products</i> , <b>2020</b> , 147, 112246	5.9	9
4 <sup>05</sup>	Modern and traditional extraction techniques affect chemical composition and bioactivity of <i>Tanacetum parthenium</i> (L.) Sch.Bip. <i>Industrial Crops and Products</i> , <b>2020</b> , 146, 112202	5.9	8
4 <sup>04</sup>	An insight into <i>Cochlospermum planchonii</i> extracts obtained by traditional and green extraction methods: Relation between chemical compositions and biological properties by multivariate analysis. <i>Industrial Crops and Products</i> , <b>2020</b> , 147, 112226	5.9	10
4 <sup>03</sup>	Multidirectional Pharma-Toxicological Study on DC. ex Meisn.: An IBD-Focused Investigation. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	7
4 <sup>02</sup>	Phenolic Profile, Toxicity, Enzyme Inhibition, In Silico Studies, and Antioxidant Properties of <i>Cakile maritima</i> Scop. (Brassicaceae) from Southern Portugal. <i>Plants</i> , <b>2020</b> , 9,	4.5	12
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