ZoltÃ¡n CziÃ¡ky

List of Publications by Year
in descending order

67 papers	875 citations	471509 17 h-index	610901 24 g-index
67 all docs	67 docs citations	67 times ranked	1052 citing authors

#	Article	IF	Citations
1	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.	2.8	53
2	Chemical profile, antioxidant, antimicrobial, enzyme inhibitory, and cytotoxicity of seven Apiaceae species from Turkey: A comparative study. Industrial Crops and Products, 2020, 153, 112572.	5.2	42
3	Determination of Flavonoid and Proanthocyanidin Profile of Hungarian Sour Cherry. Molecules, 2018, 23, 3278.	3.8	34
4	Endophytic fungi from the roots of horseradish (Armoracia rusticana) and their interactions with the defensive metabolites of the glucosinolate - myrosinase - isothiocyanate system. BMC Plant Biology, 2018, 18, 85.	3.6	34
5	Phytochemical characterization and bioactivities of five Apiaceae species: Natural sources for novel ingredients. Industrial Crops and Products, 2019, 135, 107-121.	5.2	33
6	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.	5.2	31
7	Comparison of Drying and Quality Characteristics of Pear (Pyrus Communis L.) Using Mid-Infrared-Freeze Drying and Single Stage of Freeze Drying. International Journal of Food Engineering, 2017, 13, .	1.5	30
8	Comprehensive approaches on the chemical constituents and pharmacological properties of flowers and leaves of American basil (Ocimum americanum L). Food Research International, 2019, 125, 108610.	6.2	28
9	Bilberry (Vaccinium myrtillus L.) Extracts Comparative Analysis Regarding Their Phytonutrient Profiles, Antioxidant Capacity along with the In Vivo Rescue Effects Tested on a Drosophila melanogaster High-Sugar Diet Model. Antioxidants, 2020, 9, 1067.	5.1	25
10	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
11	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
12	A salting-out assisted liquid-liquid microextraction procedure for determination of cysteine followed by spectrophotometric detection. Talanta, 2019, 194, 446-451.	5.5	21
13	If you cannot beat them, join them: Exploring the fruits of the invasive species Carpobrotus edulis (L.) N.E. Br as a source of bioactive products. Industrial Crops and Products, 2020, 144, 112005.	5.2	19
14	Chemical Composition and Biological Properties of Two Jatropha Species: Different Parts and Different Extraction Methods. Antioxidants, 2021, 10, 792.	5.1	19
15	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
16	Identification of Chemical Profiles and Biological Properties of Rhizophora racemosa G. Mey. Extracts Obtained by Different Methods and Solvents. Antioxidants, 2020, 9, 533.	5.1	18
17	Assessment of the Pharmacological Properties and Phytochemical Profile of Bruguiera gymnorhiza (L.) Lam Using In Vitro Studies, In Silico Docking, and Multivariate Analysis. Biomolecules, 2020, 10, 731.	4.0	17
18	Chemical characterization, cytotoxic, antioxidant, antimicrobial, and enzyme inhibitory effects of different extracts from one sage (Salvia ceratophyllaL.) from Turkey: open a new window on industrial purposes. RSC Advances, 2021, 11, 5295-5310.	3.6	17

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19	Pharmacological Potential and Chemical Characterization of Bridelia ferruginea Benth.â€"A Native Tropical African Medicinal Plant. Antibiotics, 2021, 10, 223.	3.7	17
20	A comparative study on biological properties and chemical profiles of different solvent extracts from Centaurea bingoelensis, an endemic plant of Turkey. Process Biochemistry, 2021, 102, 315-324.	3.7	17
21	New insights into the chemical profiling, cytotoxicity and bioactivity of four Bunium species. Food Research International, 2019, 123, 414-424.	6.2	16
22	Biopotential of Bersama abyssinica Fresen Stem Bark Extracts: UHPLC Profiles, Antioxidant, Enzyme Inhibitory, and Antiproliferative Propensities. Antioxidants, 2020, 9, 163.	5.1	16
23	Phenolic Profiling, Antioxidants, Multivariate, and Enzyme Inhibitory Properties of Wild Himalayan Fig (Ficus palmata Forssk.): A Potential Candidate for Designing Innovative Nutraceuticals and Related Products. Analytical Letters, 2021, 54, 1439-1456.	1.8	16
24	Synergistic interaction between propolis extract, essential oils, and antibiotics against Staphylococcus epidermidis and methicillin resistant Staphylococcus aureus. International Journal of Secondary Metabolite, 2021, 8, 195-213.	1.3	15
25	Qualitative Chemical Characterization and Multidirectional Biological Investigation of Leaves and Bark Extracts of Anogeissus leiocarpus (DC.) Guill. & Perr. (Combretaceae). Antioxidants, 2019, 8, 343.	5.1	14
26	Chemical characterization, antioxidant, enzyme inhibitory and cytotoxic properties of two geophytes: Crocus pallasii and Cyclamen cilicium. Food Research International, 2020, 133, 109129.	6.2	14
27	Application of liquidâ€"liquid microextraction for the effective separation and simultaneous determination of 11 pharmaceuticals in wastewater samples using highâ€performance liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2018, 41, 2870-2877.	2.5	13
28	Chemical Profiling and Biological Evaluation of Nepeta baytopii Extracts and Essential Oil: An Endemic Plant from Turkey. Plants, 2021, 10, 1176.	3.5	13
29	HPLCâ€"MS/MS-based metabolic profiling and pharmacological properties of extracts and infusion obtained from Amelanchier parviflora var. dentata. Industrial Crops and Products, 2018, 124, 699-706.	5.2	12
30	Identification of Bioactive Phytochemicals in Leaf Protein Concentrate of Jerusalem Artichoke (Helianthus tuberosus L.). Plants, 2020, 9, 889.	3.5	12
31	Establishment of a Rapid Micropropagation System for Kaempferia parviflora Wall. Ex Baker: Phytochemical Analysis of Leaf Extracts and Evaluation of Biological Activities. Plants, 2021, 10, 698.	3.5	12
32	Qualitative Fingerprint Analysis and Multidirectional Assessment of Different Crude Extracts and Essential Oil from Wild Artemisia santonicum L.. Processes, 2019, 7, 522.	2.8	11
33	A multidirectional investigation of stem bark extracts of four African plants: HPLC-MS/MS profiling and biological potentials. Journal of Pharmaceutical and Biomedical Analysis, 2019, 168, 217-224.	2.8	11
34	A comparative study of the HPLC-MS profiles and biological efficiency of different solvent leaf extracts of two African plants: Bersama abyssinica and Scoparia dulcis. International Journal of Environmental Health Research, 2021, 31, 285-297.	2.7	11
35	Towards the Pharmacological Validation and Phytochemical Profiling of the Decoction and Maceration of Bruguiera gymnorhiza (L.) Lam.â€"A Traditionally Used Medicinal Halophyte. Molecules, 2022, 27, 2000.	3.8	11
36	Synthesis of 2H-pyrano[2,3-b]quinolines. PartI. Journal of Heterocyclic Chemistry, 1994, 31, 701-705.	2.6	10

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37	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
38	Pharmacological Properties and Chemical Profiles of Passiflora foetida L. Extracts: Novel Insights for Pharmaceuticals and Nutraceuticals. Processes, 2020, 8, 1034.	2.8	10
39	SYNTHESIS OF 2-CHLORO-3-ALKYL- AND ARYLQUINOLINES. Organic Preparations and Procedures International, 1990, 22, 579-588.	1.3	9
40	Phytochemical Composition, Antioxidant Capacity, and Enzyme Inhibitory Activity in Callus, Somaclonal Variant, and Normal Green Shoot Tissues of Catharanthus roseus (L) G. Don. Molecules, 2020, 25, 4945.	3.8	9
41	Evaluation of Pharmacological and Phytochemical Profiles of Piptadeniastrum africanum (Hook.f.) Brenan Stem Bark Extracts. Biomolecules, 2020, 10, 516.	4.0	9
42	Secondary Metabolites Profiling, Biological Activities and Computational Studies of Abutilon figarianum Webb (Malvaceae). Processes, 2020, 8, 336.	2.8	8
43	Deeper Insights on Alchornea cordifolia (Schumach. & Thonn.) MÃ¼ll.Arg Extracts: Chemical Profiles, Biological Abilities, Network Analysis and Molecular Docking. Biomolecules, 2021, 11, 219.	4.0	8
44	The Medicinal Halophyte Frankenia laevis L. (Sea Heath) Has In Vitro Antioxidant Activity, Î±-Glucosidase Inhibition, and Cytotoxicity towards Hepatocarcinoma Cells. Plants, 2022, 11, 1353.	3.5	8
45	Chlorination of 2-Chloroquinoline-3-carbaldehydes. Synthetic Communications, 1991, 21, 1929-1934.	2.1	7
46	A comprehensive appraisal on Crocus chrysanthus (Herb.) Herb. flower extracts with HPLCâ€“MS/MS profiles, antioxidant and enzyme inhibitory properties. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 581-589.	2.8	7
47	In Vitro Enzyme Inhibitory Properties, Secondary Metabolite Profiles and Multivariate Analysis of Five Seaweeds. Marine Drugs, 2020, 18, 198.	4.6	7
48	Synthesis of 2H-pyrano[2,3-b]quinolines. PartII. Preparation and1H-nmr investigations of 4-hydroxy-2-methyl-3,4-dihydro-2H-pyrano[2,3-b]quinolines. Journal of Heterocyclic Chemistry, 1995, 32, 755-760.	2.6	6
49	Bridelia speciosa MÃ¼ll.Arg. Stem bark Extracts as a Potential Biomedicine: From Tropical Western Africa to the Pharmacy Shelf. Antioxidants, 2020, 9, 128.	5.1	6
50	Chemical analysis, antibacterial, and antioxidant activities of flavonoidâ€rich extracts from four Moroccan propolis. Journal of Food Processing and Preservation, 2021, 45, e15816.	2.0	6
51	Chemical characterization, comprehensive antioxidant capacity, and enzyme inhibitory potential of leaves from Pistacia terebinthus L. (Anacardiaceae). Food Bioscience, 2022, 48, 101820.	4.4	6
52	A Simple Method for On-Gel Detection of Myrosinase Activity. Molecules, 2018, 23, 2204.	3.8	5
53	Screening of Bioactive Metabolites and Biological Activities of Calli, Shoots, and Seedlings of Mertensia maritima (L.) Gray. Plants, 2020, 9, 1551.	3.5	5
54	Analysis of Phytoconstituent Profile of Fenugreek â€“ Trigonella Foenuem-Graecum L. â€“ Seed Extracts. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 145-166.	0.2	5

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55	A New Heterocyclic Ring System: 13H-Benzimidazo[2',1':2,3][1,3]thiazino[6,5-b]quinoline. Heterocycles, 1993, 36, 2475.	0.7	4
56	Formulation, Characterization and Permeability Studies of Fenugreek (Trigonella foenum-graecum) Containing Self-Emulsifying Drug Delivery System (SEDDS). Molecules, 2022, 27, 2846.	3.8	4
57	Isolation of allithiamine from Hungarian red sweet pepper seed (Capsicum annuum L.). Heliyon, 2018, 4, e00997.	3.2	3
58	Micropropagation, phytochemistry and biological activity of the critically endangered Mammillaria herrerae Werdermann. South African Journal of Botany, 2020, 143, 312-312.	2.5	3
59	Exploring of Coronilla varia L. extracts as a source of high-value natural agents: Chemical profiles and biological connections. South African Journal of Botany, 2021, , .	2.5	2
60	Determination of l-glutathione by spot test and spectrophotometric methods based on its interaction with phenazine. Analytical Methods, 2021, 13, 3779-3784.	2.7	2
61	FUSED 1,2,4-TRIAZOLE HETEROCYCLES. II: REACTION OF 2-CHLORO-3-(1,3-DIOXOLAN- 2-YL)QUINOLINES WITH 1,2,4-TRIAZOLE-5THIOL. Heterocyclic Communications, 1995, 1, .	1.2	0
62	Comparative Chemomapping of Phytoconstituents from Different Extracts of Globe Artichoke - Cynara Scolymus L.. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 125-143.	0.2	0
63	EgyszerÅ± gÃ©l-elÅ‘hÃvÃ¡si mÃ³dszer mirozinÃ¡z enzimaktivitÃ¡s detektÃ¡lÃ¡sÃ¡hoz. , 2018, , .		0
64	Chemical characterization and biopharmaceutical properties of three fruits from CÃ´te dâ€™Ivoire. Plant Biosystems, 0, , 1-14.	1.6	0
65	Mathematical modelling of the combined effect of propolis extract and Origanum compactum essential oil on the growth of methicillin resistant Staphylococcus aureus. South African Journal of Botany, 2022, 149, 828-836.	2.5	0
66	Isolation of cytotoxic phenoloids from leaves of Centrapalus pauciflorus. , 2022, , .		0
67	Metabolom-mikrobiom korrelÃ¡ciÃ³k vizsgÃ¡lata kÃ¼lÃ¶nbÃ¶zÅ‘ tormafajtÃ¡kban. , 2022, , .		0