Ivaiyla N Dincheva

List of Publications by Year
in descending order

46 papers	640 citations	623574 14 h-index	677027 22 g-index
51 all docs	51 docs citations	51 times ranked	767 citing authors

#	Article	IF	Citations
1	Essential oil composition, antioxidant and antimicrobial activity of the galbuli of six juniper species. Industrial Crops and Products, 2018, 124, 449-458.	2.5	49
2	Fertilization modifies the essential oil and physiology of basil varieties. Industrial Crops and Products, 2018, 121, 282-293.	2.5	42
3	Plant organic farming researchÂâ€“Âcurrent status and opportunities for future development. Biotechnology and Biotechnological Equipment, 2018, 32, 241-260.	0.5	37
4	Antimicrobial and antioxidant activity of Juniper galbuli essential oil constituents eluted at different times. Industrial Crops and Products, 2017, 109, 529-537.	2.5	32
5	High resolution LC-MS/MS characterization of polyphenolic composition and evaluation of antioxidant activity of Sambucus ebulus fruit tea traditionally used in Bulgaria as a functional food. Food Chemistry, 2022, 367, 130759.	4.2	28
6	Differences in essential oil yield, composition, and bioactivity of three juniper species from Eastern Europe. Industrial Crops and Products, 2018, 124, 643-652.	2.5	26
7	Grinding and Fractionation during Distillation Alter Hemp Essential Oil Profile and Its Antimicrobial Activity. Molecules, 2020, 25, 3943.	1.7	25
8	In Vitro Antiviral Activity of a Series of Wild Berry Fruit Extracts against Representatives of Picorna-, Orthomyxo- and Paramyxoviridae. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	24
9	Industrial, CBD, and Wild Hemp: How Different Are Their Essential Oil Profile and Antimicrobial Activity?. Molecules, 2020, 25, 4631.	1.7	24
10	Essential Oil Composition of Ruta graveolens L. Fruits and Hyssopus officinalis Subsp. aristatus (Godr.) Nyman Biomass as a Function of Hydrodistillation Time. Molecules, 2019, 24, 4047.	1.7	20
11	Essential Oil Composition and Bioactivity of Two Juniper Species from Bulgaria and Slovakia. Molecules, 2021, 26, 3659.	1.7	18
12	Phytochemical compounds of anise hyssop (Agastache foeniculum) and antibacterial, antioxidant, and acetylcholinesterase inhibitory properties of its essential oil. Journal of Applied Pharmaceutical Science, 2019, 9, 72-78.	0.7	17
13	Triterpenoids and Other Non-Polar Compounds in Leaves of Wild and Cultivated Vaccinium Species. Plants, 2021, 10, 94.	1.6	16
14	Biological Activity of Essential Oils of Four Juniper Species and Their Potential as Biopesticides. Molecules, 2021, 26, 6358.	1.7	16
15	GC-MS characterization of n-hexane soluble fraction from dandelion (Taraxacum officinale) Tj ETQq1 1 0.784314 rgBT /Overlo Naturforschung - Section C Journal of Biosciences, 2018, 73, 41-47.	0.6	15
16	HS-SPME-GCâ€“MS Volatile Profile Characterization of Peach (Prunus persica L. Batsch) Varieties Grown in the Eastern Balkan Peninsula. Plants, 2022, 11, 166.	1.6	15
17	Application of bioreactor technology in plant propagation and secondary metabolite production. Journal of Central European Agriculture, 2019, 20, 321-340.	0.3	14
18	Essential oil yield, composition, bioactivity and leaf morphology of Juniperus oxycedrus L. from Bulgaria and Serbia. Biochemical Systematics and Ecology, 2019, 84, 55-63.	0.6	14

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19	Carotenoids in five aeroterrestrial strains fromVischeria/Eustigmatosgroup: updating the pigment pattern of Eustigmatophyceae. Biotechnology and Biotechnological Equipment, 2019, 33, 250-267.	0.5	14
20	GC-MS Metabolic Profile and Î±-Glucosidase-, Î±-Amylase-, Lipase-, and Acetylcholinesterase-Inhibitory Activities of Eight Peach Varieties. Molecules, 2021, 26, 4183.	1.7	14
21	Phytochemical Composition, Anti-Inflammatory and ER Stress-Reducing Potential of Sambucus ebulus L. Fruit Extract. Plants, 2021, 10, 2446.	1.6	14
22	Allelopathic effects of Juniper essential oils on seed germination and seedling growth of some weed seeds. Industrial Crops and Products, 2022, 180, 114768.	2.5	14
23	Chemical Composition, In Vitro Antioxidant Potential, and Antimicrobial Activities of Essential Oils and Hydrosols from Native American Muscadine Grapes. Molecules, 2019, 24, 3355.	1.7	13
24	Chemotypes of Juniperus oxycedrus in Bulgaria and the antimicrobial activity of galbuli essential oils. Industrial Crops and Products, 2020, 158, 113005.	2.5	13
25	Biodegradation of Naphthalene and Anthracene by Aspergillus glaucus Strain Isolated from Antarctic Soil. Processes, 2022, 10, 873.	1.3	12
26	Analysis of the GC-MS of volatile compounds and the phytochemical profile and antioxidant activities of some Bulgarian medicinal plants. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 74, 45-54.	0.6	11
27	Chemical evolution: from formamide to nucleobases and amino acids without the presence of catalyst. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5563-5578.	2.0	11
28	Chemical Profile and Antimicrobial Activity of the Essential Oils of Helichrysum arenarium (L.) Moench. and Helichrysum italicum (Roth.) G. Don. Plants, 2022, 11, 951.	1.6	9
29	Influence of carbon sources on growth and GC-MS basedmetabolite profiling of Arnica montana L. hairy roots. Turkish Journal of Biology, 2015, 39, 469-478.	2.1	8
30	Alkaloid profiles and acetylcholinesterase inhibitory activities of Fumaria species from Bulgaria. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2016, 71, 9-14.	0.6	8
31	The Effect of Myco-Biocontrol Based Formulates on Yield, Physiology and Secondary Products of Organically Grown Basil. Agriculture (Switzerland), 2021, 11, 180.	1.4	7
32	Phytochemical composition of Ðelichrysum arenarium (L.) Moench essential oil (aerial parts) from Turkey. Ukrainian Food Journal, 2020, 9, 503-512.	0.1	7
33	Wheat and Barley Grass Juice Addition to a Plant-Based Feed Improved Growth and Flesh Quality of Common Carp (Cyprinus carpio). Animals, 2022, 12, 1046.	1.0	7
34	Comparative Phytochemical Analysis of Aronia melanocarpa L. Fruit Juices on Bulgarian Market. Plants, 2022, 11, 1655.	1.6	7
35	Anti-Herpes Simplex virus and antibacterial activities of Graptopetalum paraguayense E. Walther leaf extract: a pilot study. Biotechnology and Biotechnological Equipment, 2019, 33, 1251-1259.	0.5	6
36	Chlorella vulgaris H1993 and Desmodesmus communis H522 for low-cost production of high-value microalgal products. Biotechnology and Biotechnological Equipment, 2019, 33, 243-249.	0.5	6

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37	Phytochemical Profile and Bioactivity of Industrial Rapeseed Meal Ethanol-Wash Solutes. Waste and Biomass Valorization, 2021, 12, 5051-5063.	1.8	5
38	A common F-box gene regulates the leucine homeostasis of Medicago truncatula and Arabidopsis thaliana. Protoplasma, 2022, 259, 277-290.	1.0	5
39	Metabolite profiling by means of GC-MS combined with principal component analyses of natural populations of Nectaroscordum siculum ssp. bulgaricum (Janka) Stearn. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 451-457.	0.6	4
40	Bioactivity Potential of Industrial Sunflower Meal Ethanol-Wash Solute Obtained as Waste from Protein Isolation Process. Applied Sciences (Switzerland), 2021, 11, 11007.	1.3	3
41	Phytochemical Composition of Salvia candidissima Vahl. ssp. occidentalis From Turkey. Journal of Essential Oil-bearing Plants: JEOP, 2020, 23, 710-718.	0.7	2
42	An innovative approach for the assessment of Bulgarian soybean cultivars. Biotechnology and Biotechnological Equipment, 2021, 35, 1099-1117.	0.5	2
43	Evaluation of growth response of phytopathogens Alternaria alternata, Diaporthe nobilis and Phytophthora plurivora to inhibitory potential of three essential oils of Monarda didyma genotypes. Journal of Plant Diseases and Protection, 2021, 128, 1531-1545.	1.6	1
44	Chemical composition and biological activity of pennyroyal (Mentha pulegium L.) grown in Turkey. , 2020, , .		1
45	ï»¿Potential of hydroxybenzoic acids from Graptopetalum paraguayense for inhibiting of herpes simplex virus DNA polymerase â€“ metabolome profiling, molecular docking and quantum-chemical analysis. Pharmacia, 2022, 69, 113-123.	0.4	1
46	Metabolic Profiling of Bulgarian Potato Cultivars. Foods, 2022, 11, 1981.	1.9	0