

Christian Zidorn

List of Publications by Year in descending order

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218677

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docs citations

98
times ranked

2885
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#	ARTICLE	IF	CITATIONS
1	Polyacetylenes from the Apiaceae Vegetables Carrot, Celery, Fennel, Parsley, and Parsnip and Their Cytotoxic Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2518-2523.	5.2	223
2	Temperature is the key to altitudinal variation of phenolics in <i>Arnica montana</i> L. cv. ARBO. <i>Oecologia</i> , 2009, 160, 1-8.	2.0	139
3	Altitudinal variation of secondary metabolite profiles in flowering heads of <i>Arnica montana</i> cv. ARBO. <i>Phytochemistry</i> , 2006, 67, 409-417.	2.9	123
4	Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae. <i>Phytochemistry</i> , 2008, 69, 2270-2296.	2.9	117
5	Secondary metabolites of seagrasses (Alismatales and Potamogetonales; Alismatidae): Chemical diversity, bioactivity, and ecological function. <i>Phytochemistry</i> , 2016, 124, 5-28.	2.9	86
6	Altitudinal Variation of Phenolic Contents in Flowering Heads of <i>Arnica montana</i> cv. ARBO: a 3-Year Comparison. <i>Journal of Chemical Ecology</i> , 2008, 34, 369-375.	1.8	81
7	Plant chemophenetics â A new term for plant chemosystematics/plant chemotaxonomy in the macro-molecular era. <i>Phytochemistry</i> , 2019, 163, 147-148.	2.9	79
8	Altitudinal differences in the contents of phenolics in flowering heads of three members of the tribe Lactuceae (Asteraceae) occurring as introduced species in New Zealand. <i>Biochemical Systematics and Ecology</i> , 2005, 33, 855-872.	1.3	73
9	Quantitative analysis of flavonoids and phenolic acids in <i>Arnica montana</i> L. by micellar electrokinetic capillary chromatography. <i>Analytica Chimica Acta</i> , 2008, 614, 196-200.	5.4	73
10	Altitudinal variation of secondary metabolites in flowering heads of the Asteraceae: trends and causes. <i>Phytochemistry Reviews</i> , 2010, 9, 197-203.	6.5	67
11	Ethnobotany, phytochemistry, and bioactivity of the genus <i>Turnera</i> (Passifloraceae) with a focus on <i>Turnera diffusa</i> . <i>Journal of Ethnopharmacology</i> , 2014, 152, 424-443.	4.1	66
12	Altitudinal Variation of Secondary Metabolite Profiles in Flowering Heads of <i>Matricaria chamomilla</i> cv. BONA. <i>Planta Medica</i> , 2008, 74, 453-457.	1.3	56
13	Phenolic acid content, antioxidant and cytotoxic activities of four <i>Kalanchoe</i> species. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 622-630.	3.8	56
14	Tyrolobibenzyls E and F from <i>Scorzonera humilis</i> and distribution of caffeic acid derivatives, lignans and tyrolobibenzyls in European taxa of the subtribe Scorzonerinae (Lactuceae, Asteraceae). <i>Phytochemistry</i> , 2003, 63, 61-67.	2.9	52
15	Flavonoids as chemosystematic markers in the tribe Cichorieae of the Asteraceae. <i>Biochemical Systematics and Ecology</i> , 2010, 38, 935-957.	1.3	49
16	Qualitative and quantitative analyses of secondary metabolites in aerial and subaerial of <i>Scorzonera hispanica</i> L. (black salsify). <i>Food Chemistry</i> , 2015, 173, 321-331.	8.2	48
17	Bibenzyls and dihydroisocoumarins from white salsify (<i>Tragopogon porrifolius</i> subsp. <i>porrifolius</i>). <i>Phytochemistry</i> , 2005, 66, 1691-1697.	2.9	46
18	Polyphenols from <i>Impatiens</i> (Balsaminaceae) and their antioxidant and antimicrobial activities. <i>Industrial Crops and Products</i> , 2016, 86, 262-272.	5.2	46

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19	Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae revisited: An update (2008–2017). <i>Phytochemistry</i> , 2019, 163, 149-177.	2.9	46
20	Secondary metabolites of <i>Posidonia oceanica</i> (Posidoniaceae). <i>Biochemical Systematics and Ecology</i> , 2010, 38, 964-970.	1.3	41
21	Phenolic Compounds from <i>Scorzonera tomentosa</i> L.. <i>Helvetica Chimica Acta</i> , 2007, 90, 311-317.	1.6	39
22	Antimicrobial and cytotoxic effects of the <i>Copaifera reticulata</i> oleoresin and its main diterpene acids. <i>Journal of Ethnopharmacology</i> , 2019, 233, 94-100.	4.1	39
23	Tyrolbibenzyls - Novel Secondary Metabolites from <i>Scorzonera humilis</i> . <i>Helvetica Chimica Acta</i> , 2000, 83, 2920-2925.	1.6	38
24	Chemosystematics of taxa from the <i>Leontodon</i> section <i>Oporinia</i> . <i>Biochemical Systematics and Ecology</i> , 2001, 29, 827-837.	1.3	36
25	Antimyeloma activity of the sesquiterpene lactone cnicin: impact on Pim-2 kinase as a novel therapeutic target. <i>Journal of Molecular Medicine</i> , 2012, 90, 681-693.	3.9	36
26	Chemical Diversity of Plant Cyanogenic Glycosides: An Overview of Reported Natural Products. <i>Molecules</i> , 2021, 26, 719.	3.8	36
27	New Taxonomically Significant Sesquiterpenoids from <i>Leontodon autumnalis</i> . <i>Journal of Natural Products</i> , 2000, 63, 812-816.	3.0	24
28	Phenolic compounds from <i>Tragopogon porrifolius</i> L.. <i>Biochemical Systematics and Ecology</i> , 2009, 37, 234-236.	1.3	24
29	Sesquiterpenoids as chemosystematic markers in the subtribe Hypochaeridinae (Lactuceae, Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2006, 34, 144-159.	1.3	23
30	Molecular and phytochemical systematics of the subtribe Hypochaeridinae (Asteraceae, Cichorieae). <i>Organisms Diversity and Evolution</i> , 2012, 12, 1-16.	1.6	23
31	Chemosystematic investigations of irregular diterpenes in <i>Anisotome</i> and related New Zealand Apiaceae. <i>Phytochemistry</i> , 2002, 59, 293-304.	2.9	22
32	Analysis of rare flavonoid C-glycosides in <i>Celtis australis</i> L. by micellar electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 1165-1168.	2.8	22
33	Quantification of the total amount of black cohosh cycloartanoids by integration of one specific ¹ H NMR signal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 109-115.	2.8	22
34	Stilbenoids from <i>Tragopogon orientalis</i> . <i>Phytochemistry</i> , 2006, 67, 2182-2188.	2.9	21
35	Phenolics as Chemosystematic Markers in and for the Genus <i>Crepis</i> (Asteraceae, Cichorieae). <i>Scientia Pharmaceutica</i> , 2008, 76, 743-750.	2.0	21
36	Traditional Herbal Medicines Against CNS Disorders from Bangladesh. <i>Natural Products and Bioprospecting</i> , 2020, 10, 377-410.	4.3	21

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37	Flavonoids from <i>Celtis australis</i> (Cannabaceae). <i>Biochemical Systematics and Ecology</i> , 2009, 37, 120-121.	1.3	20
38	Novel stilbenoids, including cannabispiradienone glycosides, from <i>Tragopogon tommasinii</i> (Asteraceae, Cichorieae) and their potential anti-inflammatory activity. <i>Phytochemistry</i> , 2015, 117, 254-266.	2.9	20
39	Podospermic acid, 1,3,5-tri-O-(7,8-dihydrocaffeoyl)quinic acid from <i>Podospermum laciniatum</i> (Asteraceae). <i>Tetrahedron Letters</i> , 2005, 46, 1291-1294.	1.4	19
40	Seasonal variation in phenolics in leaves of <i>Celtis australis</i> (Cannabaceae). <i>Biochemical Systematics and Ecology</i> , 2012, 41, 110-114.	1.3	19
41	<i>Leontodon</i> and <i>Scorzoneroides</i> (Asteraceae, Cichorieae) in Italy. <i>Plant Biosystems</i> , 2012, 146, 41-51.	1.6	18
42	Phenolic compounds from aerial parts as chemosystematic markers in the <i>Scorzonerinae</i> (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2015, 58, 102-113.	1.3	18
43	Sesquiterpene lactones from <i>Crepis aurea</i> (Asteraceae, Cichorieae). <i>Biochemical Systematics and Ecology</i> , 2013, 46, 1-3.	1.3	17
44	13-Chloro-3-O- β -D-glucopyranosylsolstitialin from <i>Leontodon palisae</i> : the first genuine chlorinated sesquiterpene lactone glucoside. <i>Tetrahedron Letters</i> , 2004, 45, 3433-3436.	1.4	16
45	Phytochemistry of the genus <i>Skimmia</i> (Rutaceae). <i>Phytochemistry</i> , 2015, 115, 27-43.	2.9	16
46	Seasonal variation of natural products in European trees. <i>Phytochemistry Reviews</i> , 2018, 17, 923-935.	6.5	16
47	Genuine and Sequestered Natural Products from the Genus <i>Orobanche</i> (Orobanchaceae, Lamiales). <i>Molecules</i> , 2018, 23, 2821.	3.8	16
48	UHPLC-HRMS Analysis of <i>Fagus sylvatica</i> (Fagaceae) Leaves: A Renewable Source of Antioxidant Polyphenols. <i>Antioxidants</i> , 2021, 10, 1140.	5.1	16
49	Aciphyllalac C34-polyacetylene from <i>Aciphylla scott-thomsonii</i> (Apiaceae). <i>Tetrahedron Letters</i> , 2001, 42, 4325-4328.	1.4	15
50	Cytotoxic Properties of <i>Damiana</i> (<i>Turnera diffusa</i>) Extracts and Constituents and A Validated Quantitative UHPLC-DAD Assay. <i>Molecules</i> , 2019, 24, 855.	3.8	15
51	The genus <i>Tragopogon</i> (Asteraceae): A review of its traditional uses, phytochemistry, and pharmacological properties. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112466.	4.1	15
52	Seasonal variations of natural products in European herbs. <i>Phytochemistry Reviews</i> , 2022, 21, 1549-1575.	6.5	15
53	UHPLC-ESI-QqTOF Analysis and In Vitro Rumen Fermentation for Exploiting <i>Fagus sylvatica</i> Leaf in Ruminant Diet. <i>Molecules</i> , 2022, 27, 2217.	3.8	14
54	On the occurrence of glucozaluzanin C in <i>Leontodon cichoraceus</i> and its chemotaxonomic significance. <i>Biochemical Systematics and Ecology</i> , 2001, 29, 545-547.	1.3	12

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55	Sequestration of polyacetylenes by the parasite <i>Orobanche hederæ</i> (Orobanchaceae) from its host <i>Hedera helix</i> (Araliaceae). <i>Biochemical Systematics and Ecology</i> , 2008, 36, 772-776.	1.3	12
56	Phenolics and a sesquiterpene lactone in the edible shoots of <i>Cicerbita alpina</i> (L.) Wallroth. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 658-663.	3.9	12
57	Tragoponol, a dimeric dihydroisocoumarin from <i>Tragopogon porrifolius</i> L.. <i>Tetrahedron Letters</i> , 2010, 51, 1390-1393.	1.4	12
58	Guidelines for consistent characterisation and documentation of plant source materials for studies in phytochemistry and phytopharmacology. <i>Phytochemistry</i> , 2017, 139, 56-59.	2.9	12
59	Structure and Conformation of Zosteraphenols, Tetracyclic Diarylheptanoids from the Seagrass <i>Zostera marina</i> : An NMR and DFT Study. <i>Organic Letters</i> , 2020, 22, 78-82.	4.6	12
60	Anticholinesterase Activity of Eight Medicinal Plant Species: In Vitro and In Silico Studies in the Search for Therapeutic Agents against Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	1.2	12
61	A New Sesquiterpene Lactone Sulfate from <i>Reichardia gaditana</i> (Asteraceae). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 132-134.	0.7	11
62	Rhamnopyranosylvitexin derivatives from <i>Celtis australis</i> . <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 733-738.	0.8	11
63	Flavonoids from <i>Jovibarba globifera</i> (Crassulaceae) rosette leaves and their antioxidant activity. <i>Natural Product Research</i> , 2014, 28, 1655-1658.	1.8	11
64	A new phenylpropanoid glycoside from <i>Jasminum subtriplinerve</i> Blume. <i>Journal of Asian Natural Products Research</i> , 2008, 10, 1035-1038.	1.4	10
65	Iridoids and phenylethanoids in <i>Lagotis integrifolia</i> and <i>Wulfeniopsis amherstiana</i> (Plantaginaceae). <i>Biochemical Systematics and Ecology</i> , 2009, 37, 421-425.	1.3	9
66	Sequestration of pyridine alkaloids anabasine and nicotine from <i>Nicotiana</i> (Solanaceae) by <i>Orobanche ramosa</i> (Orobanchaceae). <i>Biochemical Systematics and Ecology</i> , 2019, 86, 103908.	1.3	9
67	Four new hypocretenolides (guaian-12,5-olides) from <i>Leontodon rosani</i> (Asteraceae, Cichorieae). <i>Biochemical Systematics and Ecology</i> , 2007, 35, 301-307.	1.3	8
68	Cyclic diarylheptanoids deoxycymodienol and isotedarene A from <i>Zostera marina</i> (Zosteraceae). <i>Tetrahedron Letters</i> , 2019, 60, 150930.	1.4	8
69	Isoetin and its derivatives: Analytics, chemosystematics, and bioactivities. <i>Biochemical Systematics and Ecology</i> , 2015, 61, 402-412.	1.3	7
70	Bioprospecting of plant natural products in Schleswig-Holstein (Germany) I: chemodiversity of the Cichorieae tribe (Asteraceae) in Schleswig-Holstein. <i>Phytochemistry Reviews</i> , 2019, 18, 1223-1253.	6.5	7
71	Screening Papaveraceae as Novel Antibiofilm Natural-Based Agents. <i>Molecules</i> , 2021, 26, 4778.	3.8	7
72	The contribution of phenolics to the anti-inflammatory potential of the extract from Bolivian coriander (<i>Porophyllum ruderale</i> subsp. <i>runderale</i>). <i>Food Chemistry</i> , 2022, 371, 131116.	8.2	7

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73	Lignans and sesquiterpene lactones from <i>Hypochaeris radicata</i> subsp. <i>neapolitana</i> (Asteraceae.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.9	6
74	Stable Catechol Keto Tautomers in Cytotoxic Heterodimeric Cyclic Diarylheptanoids from the Seagrass <i>Zostera marina</i> . <i>Organic Letters</i> , 2021, 23, 7134-7138.	4.6	6
75	Bioactive Abietane-Type Diterpenoid Glycosides from Leaves of <i>Clerodendrum infortunatum</i> (Lamiaceae). <i>Molecules</i> , 2021, 26, 4121.	3.8	5
76	Chemophenetics of Azorean <i>Leontodon</i> taxa (Cichorieae, Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2020, 91, 104077.	1.3	5
77	A chemosystematically significant 6,8,11-trihydroxygermacrane derivative from the New Zealand Apiaceae <i>Anistome pilifera</i> . <i>Biochemical Systematics and Ecology</i> , 2002, 30, 1055-1063.	1.3	4
78	On the occurrence of the guaianolide glucoside ixerin F in <i>Chondrilla juncea</i> and its chemosystematic significance. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 900-902.	1.3	4
79	Phenolics from <i>Rhagadiolus stellatus</i> (Asteraceae, Cichorieae). <i>Scientia Pharmaceutica</i> , 2011, 79, 175-179.	2.0	4
80	<i>Leontodon</i> $\tilde{\text{E}}$ grassiorum (Asteraceae, Cichorieae), a newly discovered hybrid between an Azorean and a mainland European taxon: Morphology, molecular characteristics, and phytochemistry. <i>Biochemical Systematics and Ecology</i> , 2017, 72, 32-39.	1.3	4
81	Sesquiterpene lactones from <i>Sonchus palustris</i> L. (Asteraceae, Cichorieae). <i>Phytochemistry</i> , 2020, 170, 112196.	2.9	4
82	Phytochemical Composition and Antimicrobial Activity of <i>Corydalis solida</i> and <i>Pseudofumaria lutea</i> . <i>Molecules</i> , 2020, 25, 3591.	3.8	4
83	Cytotoxic constituents and a new hydroxycinnamic acid derivative from <i>Leontodon saxatilis</i> (Asteraceae, Cichorieae). <i>RSC Advances</i> , 2021, 11, 10489-10496.	3.6	4
84	Ethnopharmacology, phytochemistry, and bioactivities of <i>Hieracium</i> L. and <i>Pilosella</i> Hill (Cichorieae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	4
85	Seasonal variation of phenolic compounds in <i>Zostera marina</i> (Zosteraceae) from the Baltic Sea. <i>Phytochemistry</i> , 2022, 196, 113099.	2.9	4
86	Occurrence of equisetumpyrone and other phenolics in <i>Leontodon crispus</i> . <i>Biochemical Systematics and Ecology</i> , 2006, 34, 185-187.	1.3	3
87	An unusual sesquiterpenoid from <i>Hypochaeris achyrophorus</i> (Asteraceae). <i>Natural Product Research</i> , 2007, 21, 1165-1170.	1.8	3
88	Monoterpenoids from the traditional North Italian vegetable <i>Aruncus dioicus</i> (Walter) Fernald var. <i>vulgaris</i> (Maxim.) H.Hara (Rosaceae). <i>Food Chemistry</i> , 2017, 221, 1851-1859.	8.2	3
89	Integrifolin from <i>Pilosella officinarum</i> (Asteraceae, Cichorieae): First record of a sesquiterpene lactone in the genus <i>Pilosella</i> . <i>Biochemical Systematics and Ecology</i> , 2018, 80, 43-45.	1.3	3
90	Phylogeny and chemophenetics of the newly described <i>Doronicum</i> $\tilde{\text{A}}$ — <i>longeflorens</i> and related <i>Doronicum</i> taxa (Senecioneae, Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2022, 101, 104400.	1.3	3

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91	Insights into the leaves of <i>Ceriscoides campanulata</i> : Natural proanthocyanidins alleviate diabetes, inflammation, and esophageal squamous cell cancer via in vitro and in silico models. <i>F&A-toterap</i> , 2022, 158, 105164.	2.2	3
92	Seasonal variation of diarylheptanoids in <i>Zostera marina</i> (Zosteraceae) from the Baltic Sea, impact of drying on diarylheptanoids and phenolics, and first report of 3-keto-steroids. <i>Biochemical Systematics and Ecology</i> , 2022, 103, 104446.	1.3	3
93	Occurrence of (E)-aldosecologanin in <i>Kissenia capensis</i> (Loasaceae). <i>Biochemical Systematics and Ecology</i> , 2004, 32, 761-763.	1.3	2
94	Corrigendum to "13-Chloro-3-O- β -D-glucopyranosylsolstitialin from <i>Leontodon palisae</i> : the first genuine chlorinated sesquiterpene lactone glucoside". <i>Tetrahedron Letters</i> , 2007, 48, 2047.	1.4	2
95	A new trisaccharide derivative from <i>Prenanthes purpurea</i> . <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 841-845.	0.8	2
96	Flavonol triglycosides from <i>Ornithopus compressus</i> L. (Fabaceae). <i>Industrial Crops and Products</i> , 2019, 137, 475-483.	5.2	1
97	Sesquiterpenoids from <i>Leontodon tenuiflorus</i> (Asteraceae, Cichorieae): First record of a hypocretenoid from <i>Leontodon</i> section <i>Asterothrix</i> . <i>Biochemical Systematics and Ecology</i> , 2022, 102, 104408.	1.3	1
98	Flavonoids from <i>Atropa belladonna</i> (Solanaceae) leaves revisited. <i>Biochemical Systematics and Ecology</i> , 2020, 88, 103990.	1.3	0