

Michael BopprÃ©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3785659/publications.pdf>

Version: 2024-02-01

54
papers

2,405
citations

172457

29
h-index

197818

49
g-index

57
all docs

57
docs citations

57
times ranked

1388
citing authors

#	ARTICLE	IF	CITATIONS
1	Lepidoptera and pyrrolizidine alkaloids Exemplification of complexity in chemical ecology. <i>Journal of Chemical Ecology</i> , 1990, 16, 165-185.	1.8	190
2	Pyrrolizidine alkaloids in food: a spectrum of potential health consequences. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 308-324.	2.3	142
3	The two Faces of Pyrrolizidine Alkaloids: the Role of the Tertiary Amine and its N-Oxide in Chemical Defense of Insects with Acquired Plant Alkaloids. <i>FEBS Journal</i> , 1997, 245, 626-636.	0.2	126
4	Pyrrolizidine Alkaloids of <i>Echium vulgare</i> Honey Found in Pure Pollen. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 594-600.	5.2	111
5	CO ₂ sensitive receptors on labial palps of <i>Rhodogastris</i> moths (Lepidoptera: Arctiidae): physiology, fine structure and central projection. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1986, 158, 741-749.	1.6	109
6	Redefining 'Pharmacophagy'. <i>Journal of Chemical Ecology</i> , 1984, 10, 1151-1154.	1.8	107
7	An Antiaphrodisiac in <i>Heliconius melpomene</i> Butterflies. <i>Journal of Chemical Ecology</i> , 2008, 34, 82-93.	1.8	100
8	A pheromone precursor and its uptake in male <i>Danaus</i> butterflies. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1975, 97, 245-256.	1.6	99
9	Pyrrolizidine alkaloids in <i>Chromolaena odorata</i> . Chemical and chemoecological aspects. <i>Phytochemistry</i> , 1994, 35, 615-619.	2.9	99
10	Scent Organ Development in <i>Cretonotos</i> Moths: Regulation by Pyrrolizidine Alkaloids. <i>Science</i> , 1982, 215, 1264-1265.	12.6	96
11	STEPWISE EVOLUTION OF RESISTANCE TO TOXIC CARDENOLIDES VIA GENETIC SUBSTITUTIONS IN THE NAC ⁺ /K ⁺ -ATPASE OF MILKWEED BUTTERFLIES (LEPIDOPTERA: DANAINI). <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2753-2761.	2.3	95
12	CHEMICAL COMMUNICATION, PLANT RELATIONSHIPS, AND MIMICRY IN THE EVOLUTION OF DANAID BUTTERFLIES. <i>Entomologia Experimentalis Et Applicata</i> , 1978, 24, 264-277.	1.4	73
13	Insect pheromone biosynthesis: stereochemical pathway of hydroxydanaidal production from alkaloidal precursors in <i>Cretonotos transiens</i> (Lepidoptera, Arctiidae).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6834-6838.	7.1	66
14	The ecological context of pyrrolizidine alkaloids in food, feed and forage: an overview. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 260-281.	2.3	64
15	Hepatotoxic Pyrrolizidine Alkaloids in Pollen and Drying-Related Implications for Commercial Processing of Bee Pollen. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5662-5672.	5.2	63
16	Transformation of plant pyrrolizidine alkaloids into novel insect alkaloids by Arctiid moths (Lepidoptera). <i>Biochemical Systematics and Ecology</i> , 1990, 18, 549-554.	1.3	60
17	Volatile ketones in the hairpencil secretion of danaid butterflies (<i>Amauris</i> and <i>Danaus</i>). <i>Experientia</i> , 1974, 30, 721-723.	1.2	53
18	Semiochemicals derived from pyrrolizidine alkaloids in male ithomiine butterflies (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.3	50

#	ARTICLE	IF	CITATIONS
19	Pyrrolizidine alkaloid storage in African and Australian danaid butterflies. <i>Experientia</i> , 1979, 35, 1447-1448.	1.2	47
20	Phylogenetic relationships among genera of danaine butterflies (Lepidoptera: Nymphalidae) as implied by morphology and DNA sequences. <i>Systematics and Biodiversity</i> , 2010, 8, 75-89.	1.2	45
21	Androconial systems in Danainae (Lepidoptera): functional morphology of <i>Amauris</i> , <i>Danaus</i> , <i>Tirumala</i> and <i>Euploea</i> . <i>Zoological Journal of the Linnean Society</i> , 1989, 97, 101-133.	2.3	42
22	THE CLADISTICS OF AMAURIS BUTTERFLIES: CONGRUENCE, CONSENSUS AND TOTAL EVIDENCE. <i>Cladistics</i> , 1992, 8, 125-138.	3.3	40
23	Pharmacophagy in grasshoppers? <i>Zonocerus</i> attracted to and ingesting pure pyrrolizidine alkaloids. <i>Entomologia Experimentalis Et Applicata</i> , 1984, 35, 115-117.	1.4	37
24	The biology of <i>Cretonotos</i> (Lepidoptera: Arctiidae) with special reference to the androconial system. <i>Zoological Journal of the Linnean Society</i> , 1989, 96, 339-356.	2.3	36
25	Plants producing pyrrolizidine alkaloids: sustainable tools for nematode management?. <i>Nematology</i> , 2010, 12, 1-24.	0.6	34
26	The Butterfly House Industry: Conservation Risks and Education Opportunities. <i>Conservation and Society</i> , 2012, 10, 285.	0.8	34
27	Adult Lepidoptera feeding at withered <i>Heliotropium</i> plants (Boraginaceae) in East Africa. <i>Ecological Entomology</i> , 1981, 6, 449-452.	2.2	32
28	Leaf-scratching – a specialized behaviour of danaine butterflies (Lepidoptera) for gathering secondary plant substances. <i>Oecologia</i> , 1983, 59, 414-416.	2.0	32
29	Pyrrolizidine alkaloids of <i>Chromolaena odorata</i> act as nematicidal agents and reduce infection of lettuce roots by <i>Meloidogyne incognita</i> . <i>Nematology</i> , 2007, 9, 343-349.	0.6	31
30	Identification and localization of volatile hairpencil components in male <i>Amauris ochlea</i> butterflies (Danainae). <i>Experientia</i> , 1977, 33, 1324-1326.	1.2	29
31	Stereochemical course of pheromone biosynthesis in the arctiid moth, <i>Cretonotos transiens</i> . <i>Experientia</i> , 1984, 40, 713-714.	1.2	27
32	Single cell recordings reveal hydroxydanaidal as the volatile compound attracting insects to pyrrolizidine alkaloids. <i>Entomologia Experimentalis Et Applicata</i> , 1989, 50, 171-184.	1.4	27
33	A revision of the Afrotropical taxa of the genus <i>Amerila</i> Walker (Lepidoptera: Arctiidae). <i>Systematic Entomology</i> , 1997, 22, 1-44.	3.9	23
34	Pro-toxic 1,2-Dehydropyrrolizidine Alkaloid Esters, Including Unprecedented 10-Membered Macrocyclic Diesters, in the Medicinally-used <i>Alafia</i> cf. <i>caudata</i> and <i>Amphineurion marginatum</i> (Apocynaceae: Apocynoideae: Nerieae and Apocyneae). <i>Phytochemical Analysis</i> , 2016, 27, 257-276.	2.4	19
35	Pheromonbiologie am Beispiel der Monarchfalter (Danainae). <i>Biologie in Unserer Zeit</i> , 1977, 7, 161-169.	0.2	14
36	A hypothesis to explain accuracy of wasp resemblances. <i>Ecology and Evolution</i> , 2017, 7, 73-81.	1.9	14

