

Irena Valterová

List of Publications by Year in descending order

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162
papers

3,755
citations

126907

33
h-index

223800

46
g-index

163
all docs

163
docs citations

163
times ranked

3535
citing authors

#	ARTICLE	IF	CITATIONS
1	Born in an Alien Nest : How Do Social Parasite Male Offspring Escape from Host Aggression?. PLoS ONE, 2012, 7, e43053.	2.5	175
2	Selection of reference genes for real-time polymerase chain reaction analysis in tissues from <i>Bombus terrestris</i> and <i>Bombus lucorum</i> of different ages. Analytical Biochemistry, 2010, 397, 118-120.	2.4	106
3	Fast screening method for assessment of antimicrobial activity of essential oils in vapor phase. Food Research International, 2012, 47, 161-165.	6.2	101
4	Floral fragrance chemistry in the early flowering shrub <i>Daphne mezereum</i> . Phytochemistry, 1996, 41, 1477-1483.	2.9	73
5	Patterns of Genetic and Reproductive Traits Differentiation in Mainland vs. Corsican Populations of Bumblebees. PLoS ONE, 2013, 8, e65642.	2.5	72
6	Volatile compounds from flowers of six species in the family Apiaceae: Bouquets for different pollinators?. Phytochemistry, 1993, 35, 111-119.	2.9	67
7	New Pathway to <i>C</i> ₂ -Symmetric Atropoisomeric Bipyridine <i>N,N</i> -Dioxides and Solvent Effect in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2008, 350, 1449-1456.	4.3	66
8	Enantiomeric Composition of Monoterpene Hydrocarbons in Different Tissues of Norway Spruce, <i>Picea abies</i> (L.) Karst. A Multi-dimensional Gas Chromatography Study.. Acta Chemica Scandinavica, 1993, 47, 138-144.	0.7	66
9	Simple and Fast Synthesis of New Axially Chiral Bipyridine <i>N,N</i> -Dioxides for Highly Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 1279-1283.	4.3	65
10	(S)-(+)-linalool, a mate attractant pheromone component in the bee <i>Colletes cunicularius</i> . Journal of Chemical Ecology, 2003, 29, 1-14.	1.8	64
11	A Simple Approach to Unsymmetric Atropoisomeric Bipyridine <i>N,N</i> -Dioxides and Their Application in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2007, 349, 822-826.	4.3	56
12	Scent of a break-up: phylogeography and reproductive trait divergences in the red-tailed bumblebee (<i>Bombus lapidarius</i>). BMC Evolutionary Biology, 2013, 13, 263.	3.2	55
13	Analysis of triacylglycerols in fat body of bumblebees by chromatographic methods. Journal of Chromatography A, 2006, 1101, 226-237.	3.7	52
14	Effect of heat treatment on the n-3/n-6 ratio and content of polyunsaturated fatty acids in fish tissues. Food Chemistry, 2015, 176, 205-211.	8.2	51
15	Methods for species delimitation in bumblebees (<i>Hymenoptera</i> , <i>Apoidea</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	1.7	51
16	Lewis Base Catalyzed Enantioselective Allylation of α,β -Unsaturated Aldehydes. Chemistry - A European Journal, 2010, 16, 9442-9445.	3.3	50
17	An easy route to atropoisomeric bipyridine <i>N,N</i> -dioxides and allylation of aldehydes. Tetrahedron: Asymmetry, 2006, 17, 3185-3191.	1.8	49
18	Gene Expression Dynamics in Major Endocrine Regulatory Pathways along the Transition from Solitary to Social Life in a Bumblebee, <i>Bombus terrestris</i> . Frontiers in Physiology, 2016, 7, 574.	2.8	45

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19	Use of conifer volatiles to reduce injury caused by carrot psyllid, <i>Trioza apicalis</i> , Förster (Homoptera, Triozidae). Journal of Chemical Ecology, 2000, 26, 933-947.	1.8	44
20	Volatiles released from oak, a host tree for the bark beetle <i>Scolytus intricatus</i> . Biochemical Systematics and Ecology, 2000, 28, 933-947.	1.3	44
21	Intraspecific Variation of the Cephalic Labial Gland Secretions in <i>Bombus terrestris</i> (L.) (Hymenoptera: Apidae). Chemistry and Biodiversity, 2008, 5, 2654-2661.	2.1	41
22	Nitroalkenes and Sesquiterpene Hydrocarbons from the Frontal Gland of Three Prorethra Termite Species. Journal of Chemical Ecology, 2007, 33, 1787-1794.	1.8	40
23	Following the cold: geographical differentiation between interglacial refugia and speciation in the arctic-alpine species complex <i>Bombus monticola</i> (Hymenoptera: Apidae). Systematic Entomology, 2018, 43, 200-217.	3.9	40
24	Host plant chemistry and preferences in egg-laying <i>Trioza apicalis</i> (Homoptera, Psylloidea). Biochemical Systematics and Ecology, 1997, 25, 477-491.	1.3	39
25	Evolution of moth sex pheromone composition by a single amino acid substitution in a fatty acid desaturase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12586-12591.	7.1	39
26	Transformation of terpenes using a <i>Picea abies</i> suspension culture. Journal of Biotechnology, 2004, 107, 173-184.	3.8	38
27	Neocembrene A, a major component of the trail-following pheromone in the genus <i>Prorethra</i> (Insecta, Isoptera, Rhinotermitidae). Chemoecology, 2005, 15, 1-6.	1.1	38
28	Cephalic secretions of the bumblebee subgenus <i>Sibiricobombus</i> Vogt suggest <i>Bombus niveatus</i> Kriechbaumer and <i>Bombus vorticosus</i> Gerstaecker are conspecific (Hymenoptera, Apidae, Bombus). Apidologie, 2005, 36, 571-584.	2.0	38
29	Identification by GC-EAD of the two-component trail-following pheromone of <i>Prorethra simplex</i> (Isoptera, Rhinotermitidae, Prorethrinae). Journal of Insect Physiology, 2009, 55, 751-757.	2.0	35
30	Comparison of Age-dependent Quantitative Changes in the Male Labial Gland Secretion of <i>Bombus terrestris</i> and <i>Bombus lucorum</i> . Journal of Chemical Ecology, 2009, 35, 698-705.	1.8	35
31	Structural characterization of wax esters by electron ionization mass spectrometry. Journal of Lipid Research, 2012, 53, 204-213.	4.2	35
32	Functional characterization of a desaturase from the tobacco hornworm moth (<i>Manduca sexta</i>) with bifunctional Z11- and 10,12-desaturase activity. Insect Biochemistry and Molecular Biology, 2007, 37, 601-610.	2.7	34
33	Molecular and chemical characters to evaluate species status of two cuckoo bumblebees: <i>Bombus barbutellus</i> and <i>Bombus maxillosus</i> (Hymenoptera, Apidae, Bombini). Systematic Entomology, 2011, 36, 453-469.	3.9	34
34	The alien's identity: consequences of taxonomic status for the international bumblebee trade regulations. Biological Conservation, 2016, 195, 169-176.	4.1	32
35	Direct esterification of 2-methoxy-2-phenyl-3,3,3-trifluoropropionic acid: A reinvestigation. Collection of Czechoslovak Chemical Communications, 1990, 55, 485-490.	1.0	31
36	EFFECT OF SOLAR DRYING ON THE COMPOSITION OF ESSENTIAL OIL OF <i>Sacha culantro</i> (<i>Eryngium foetidum</i> L.) GROWN IN THE PERUVIAN AMAZON. Journal of Food Process Engineering, 2010, 33, 83-103.	2.9	31

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37	Intra and interspecific variability of the cephalic labial glands' secretions in male bumblebees: the case of <i>Bombus</i> (<i>Thoracobombus</i>) <i>ruderarius</i> and <i>B. terrestris</i> (<i>Thoracobombus</i>) <i>syllvarum</i> [Hymenoptera, Apidae]. <i>Apidologie</i> , 2005, 36, 85-96.	2.0	31
38	Release of volatiles during the flowering period of <i>Hydrosme rivieri</i> (Araceae). <i>Phytochemistry</i> , 1999, 52, 1387-1390.	2.9	30
39	Scent Marking in Male Premating Behavior of <i>Bombus confusus</i> . <i>Journal of Chemical Ecology</i> , 1999, 25, 1489-1500.	1.8	30
40	Enantioselective Allylation of Aldehydes Catalyzed by Diastereoisomeric Bis(tetrahydroisoquinoline) Oxidation Products. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 7040-7044.	2.4	30
41	Transformation of α -Pinene Using <i>Picea abies</i> Suspension Culture. <i>Journal of Natural Products</i> , 2003, 66, 337-343.	3.0	29
42	De Novo Biosynthesis of Sexual Pheromone in the Labial Gland of Bumblebee Males. <i>ChemBioChem</i> , 2013, 14, 361-371.	2.6	29
43	Age-dependent changes in structure and function of the male labial gland in <i>Bombus terrestris</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 204-214.	2.0	28
44	Composition and Electrophysiological Activity of Constituents Identified in Male Wing Gland Secretion of the Bumblebee Parasite <i>Aphomia sociella</i> . <i>Journal of Natural Products</i> , 2009, 72, 8-13.	3.0	28
45	Norsesquiterpene hydrocarbon, chemical composition and antimicrobial activity of <i>Rhaponticum carthamoides</i> root essential oil. <i>Phytochemistry</i> , 2009, 70, 414-418.	2.9	27
46	Δ^7 -12-Fatty Acid Desaturase from <i>Candida parapsilosis</i> Is a Multifunctional Desaturase Producing a Range of Polyunsaturated and Hydroxylated Fatty Acids. <i>PLoS ONE</i> , 2014, 9, e93322.	2.5	27
47	Computer-assisted interpretation of atmospheric pressure chemical ionization mass spectra of triacylglycerols. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3586-3594.	1.5	26
48	Gas chromatographic retention data of wax esters. <i>Journal of Chromatography A</i> , 2006, 1128, 208-219.	3.7	26
49	Chemical composition of essential oil from the seeds of <i>Nigella arvensis</i> L. and assessment of its antimicrobial activity. <i>Flavour and Fragrance Journal</i> , 2006, 21, 713-717.	2.6	26
50	Male bumble bee pheromonal components in the scent of deceit pollinated orchids; unrecognized pollinator cues?. <i>Arthropod-Plant Interactions</i> , 2007, 1, 137-145.	1.1	26
51	Expansion of the fatty acyl reductase gene family shaped pheromone communication in Hymenoptera. <i>eLife</i> , 2019, 8, .	6.0	26
52	Identification of multi-component trail pheromones in the most evolutionarily derived termites, the Nasutitermitinae (Termitidae). <i>Biological Journal of the Linnean Society</i> , 0, 99, 20-27.	1.6	25
53	The role of desaturases in the biosynthesis of marking pheromones in bumblebee males. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 724-731.	2.7	25
54	Biotransformations of β -methyl- α -ketosulfones: stereoselectivity of 3-methyl-1-(phenylsulfonyl)hexan-2-one reductions by various yeasts. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1285-1294.	1.8	24

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55	Premating Behavior of <i>Bombus Confusus</i> Males and Analysis of Their Labial Gland Secretion. <i>Journal of Chemical Ecology</i> , 1998, 24, 183-193.	1.8	24
56	Biotransformation of (S)-(-)- and (R)-(+)-limonene using <i>Solanum aviculare</i> and <i>Dioscorea deltoidea</i> plant cells. <i>Phytochemistry</i> , 1999, 50, 1347-1351.	2.9	24
57	Correlations between selected monoterpene hydrocarbons in the xylem of six <i>Pinus</i> (Pinaceae) species. <i>Chemoecology</i> , 2001, 11, 97-106.	1.1	23
58	Absolute configuration of chiral terpenes in marking pheromones of bumblebees and cuckoo bumblebees. <i>Chirality</i> , 2004, 16, 228-233.	2.6	23
59	Temporal and geographic variations in the morphology and chemical composition of the frontal gland in imagoes of <i>Prorhinotermes</i> species (Isoptera: Rhinotermitidae). <i>Biological Journal of the Linnean Society</i> , 0, 98, 384-392.	1.6	23
60	A comparison of HPLC/APCI-MS and MALDI-MS for characterising triacylglycerols in insects: Species-specific composition of lipids in the fat bodies of bumblebee males. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3878-3884.	2.3	23
61	Integrative taxonomy of an arctic bumblebee species complex highlights a new cryptic species (Apidae: Tj ETQq1 1,0,784314 rgBT /Ove 2,3 23	2.3	23
62	Preparation and antibacterial activity of di-, tri- and tetraoic acids derived from 3,4-secolupane. <i>Collection of Czechoslovak Chemical Communications</i> , 1983, 48, 649-661.	1.0	22
63	Monoterpenes released from Apiaceae and the egg-laying preferences of the carrot psyllid, <i>Trioza apicalis</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1996, 80, 83-86.	1.4	22
64	Marking pheromones of the cuckoo bumblebee males (Hymenoptera, Apoidea, <i>Bombus</i> Latreille): compositions of labial gland secretions of six species found in the Czech Republic. <i>Biochemical Systematics and Ecology</i> , 2004, 32, 1025-1045.	1.3	22
65	Formation of trans-Verbenol and Verbenone from β -Pinene Catalysed by Immobilised <i>Picea abies</i> Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 321-325.	1.3	22
66	Antibacterial effect of essential oil vapours against different strains of <i>Staphylococcus aureus</i> , including MRSA. <i>Flavour and Fragrance Journal</i> , 2011, 26, 403-407.	2.6	22
67	Sexual attraction: a review of bumblebee male pheromones. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 233-250.	1.4	22
68	Chemotaxonomical characterisation of males of <i>Bombus lucorum</i> (Hymenoptera: Apidae) collected in the Czech Republic. <i>European Journal of Entomology</i> , 2001, 98, 111-115.	1.2	22
69	Contents and enantiomeric compositions of monoterpene hydrocarbons in xylem oleoresins from four <i>Pinus</i> species growing in Cuba. Comparison of trees unattacked and attacked by <i>Dioryctria horneana</i> . <i>Biochemical Systematics and Ecology</i> , 1995, 23, 1-15.	1.3	21
70	Biosynthetic studies on marking pheromones of bumblebee males. <i>Chemoecology</i> , 2003, 13, 81-87.	1.1	21
71	Antibody response to the 45 kDa <i>Candida albicans</i> antigen in an animal model and potential role of the antigen in adherence. <i>Journal of Medical Microbiology</i> , 2008, 57, 1466-1472.	1.8	21
72	Chemistry and Anatomy of the Frontal Gland in Soldiers of the Sand Termite <i>Psammotermes hybostoma</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 557-565.	1.8	21

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73	Title is missing!. Biotechnology Letters, 1999, 21, 625-628.	2.2	20
74	Seasonal variations in the content of taxanes in the bark of <i>Taxus baccata</i> L., 1999, 10, 319-321.		20
75	De la nécessité de redécouvrir les phéromones sexuelles des mâles de bourdons [Hymenoptera: Apidae, Bombini] publiées avant 1996 pour leur utilisation en analyse phylogénétique. Phytoprotection, 2003, 84, 39-49.	0.3	20
76	A ⁹ Desaturase from <i>Bombus lucorum</i> Males: Investigation of the Biosynthetic Pathway of Marking Pheromones. ChemBioChem, 2008, 9, 2534-2541.	2.6	20
77	Sex Pheromone and Trail Pheromone of the Sand Termite <i>Psammotermes hybostoma</i> . Journal of Chemical Ecology, 2011, 37, 179-188.	1.8	20
78	Comparison of Headspace Techniques for Sampling Volatile Natural Products in a Dynamic System. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 180-188.	1.4	19
79	Age-dependent attractivity of males' sexual pheromones in <i>Bombus terrestris</i> (L.) [Hymenoptera, Apidae]. Chemoecology, 2011, 21, 75-82.	1.1	19
80	Highly polytypic taxon complex: interspecific and intraspecific integrative taxonomic assessment of the widespread pollinator <i>Bombus pascuorum</i> (<i>Scopoli</i> 1763) (Hymenoptera: Apidae). Systematic Entomology, 2015, 40, 881-890.	3.9	19
81	Seasonal Dynamics in the Chemistry and Structure of the Fat Bodies of Bumblebee Queens. PLoS ONE, 2015, 10, e0142261.	2.5	19
82	Non-Polar Lipid Components of Human Cerumen. Lipids, 2011, 46, 781-788.	1.7	18
83	Intraspecific variation in the defence secretions of <i>Nasutitermes ephratae</i> soldiers and the biological activity of some of their components. Biochemical Systematics and Ecology, 1989, 17, 327-332.	1.3	17
84	Volatiles from Stink Bug, <i>Graphosoma lineatum</i> (L.), and from Green Shield Bug, <i>Palomena prasina</i> (L.), (Heteroptera: Pentatomidae). Journal of High Resolution Chromatography, 1998, 21, 475-476.	1.4	17
85	Atypical Secretions of the Male Cephalic Labial Glands in Bumblebees: The Case of <i>Bombus</i> (<i>Rhodobombus</i>) <i>mesomelas</i> (<i>Gerstaecker</i>) (Hymenoptera, Apidae). Chemistry and Biodiversity, 2007, 4, 1466-1471.	2.1	17
86	Male Moth Songs Tempt Females to Accept Mating: The Role of Acoustic and Pheromonal Communication in the Reproductive Behaviour of <i>Aphomia sociella</i> . PLoS ONE, 2011, 6, e26476.	2.5	17
87	6-Alkyl-, 6-aryl- or 6-hetaryl-7-deazapurine ribonucleosides as inhibitors of human or MTB adenosine kinase and potential antimycobacterial agents. MedChemComm, 2013, 4, 1497.	3.4	17
88	Subspecific differentiation in male reproductive traits and virgin queen preferences, in <i>Bombus terrestris</i> . Apidologie, 2015, 46, 595-605.	2.0	17
89	Biotechnological potential of insect fatty acid-modifying enzymes. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2017, 72, 387-403.	1.4	17
90	Enantiomeric composition of monoterpene hydrocarbons from the liverwort <i>Conocephalum conicum</i> . Phytochemistry, 1992, 31, 3121-3123.	2.9	16

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91	Unusual Fatty Acids in the Fat Body of the Early Nesting Bumblebee, <i>Bombus pratorum</i> . <i>Lipids</i> , 2008, 43, 441-450.	1.7	16
92	Analysis of insect triacylglycerols using liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>European Journal of Lipid Science and Technology</i> , 2009, 111, 519-525.	1.5	16
93	Enantioselective Allylation of Thiophene-2-carbaldehyde: Formal Total Synthesis of Duloxetine. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 199-204.	4.3	16
94	Qualitative analyses of less-volatile organic molecules from female skin scents by comprehensive two dimensional gas chromatography-time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1505, 77-86.	3.7	16
95	Role of Mason-Pfizer Monkey Virus CA-NC Spacer Peptide-Like Domain in Assembly of Immature Particles. <i>Journal of Virology</i> , 2014, 88, 14148-14160.	3.4	15
96	Regulation of Isoprenoid Pheromone Biosynthesis in Bumblebee Males. <i>ChemBioChem</i> , 2016, 17, 260-267.	2.6	15
97	Constituents of frontal gland secretion of peruvian termites <i>Nasutitermes ephratae</i> . <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 2884-2895.	1.0	14
98	Rubber substrates and their influence on isomerization of conjugated dienes in pheromone dispensers. <i>Journal of Chemical Ecology</i> , 1988, 14, 1347-1358.	1.8	14
99	Analysis of the Labial Gland Secretion of the Cuckoo-Bumblebee (<i>Psithyrus vestalis</i>) Males and Synthesis of Abundant Geranylcitronellol. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1501-1508.	1.0	14
100	Exocrine Gland Secretions of Virgin Queens of Five Bumblebee Species (Hymenoptera: Apidae, Bombini). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 582-589.	1.4	14
101	Analysis of efflorescence on surface of beeswax seals. <i>Journal of Cultural Heritage</i> , 2012, 13, 275-284.	3.3	14
102	Syntheses of a Flobufen Metabolite and Dapoxetine Based on Enantioselective Allylation of Aromatic Aldehydes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2543-2548.	2.4	14
103	NMR structure determination of (11E)-trinervita-1(14),2,11-triene, a new diterpene from sexual glands of termites. <i>Tetrahedron</i> , 2005, 61, 10699-10704.	1.9	13
104	Leg tendon glands in male bumblebees (<i>Bombus terrestris</i>): structure, secretion chemistry, and possible functions. <i>Die Naturwissenschaften</i> , 2012, 99, 1039-1049.	1.6	13
105	Essential Oils in the Ranunculaceae Family: Chemical Composition of Hydrodistilled Oils from <i>Consolida regalis</i> , <i>Delphinium elatum</i> , <i>Nigella hispanica</i> , and <i>N. nigellastrum</i> Seeds. <i>Chemistry and Biodiversity</i> , 2012, 9, 151-161.	2.1	13
106	A worthy conservation target? Revising the status of the rarest bumblebee of Europe. <i>Insect Conservation and Diversity</i> , 2021, 14, 661-674.	3.0	13
107	Nonsaponifiable lipid components of the pollen of elder (<i>Sambucus nigra</i> L.). <i>Journal of Chromatography A</i> , 2001, 936, 173-181.	3.7	12
108	Biotransformation of Citronellal by <i>Solanum aviculare</i> Suspension Cultures: Preparation of p-Menthane-3,8-diols and Determination of Their Absolute Configurations. <i>Journal of Natural Products</i> , 2003, 66, 1239-1241.	3.0	12

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109	Chemical communication in termites: syn-4,6-dimethylundecan-1-ol as trail-following pheromone, syn-4,6-dimethylundecanal and (5E)-2,6,10-trimethylundeca-5,9-dienal as the respective male and female sex pheromones in <i>Hodotermopsis sjoestedti</i> (Isoptera, Archotermopsidae). <i>Journal of Insect Physiology</i> , 2011, 57, 1585-1591.	2.0	12
110	Exploring complex pheromone biosynthetic processes in the bumblebee male labial gland by RNA sequencing. <i>Insect Molecular Biology</i> , 2016, 25, 295-314.	2.0	12
111	Male Cephalic Labial Gland Secretions of Two Bumblebee Species of the Subgenus <i>Cullumanobombus</i> (Hymenoptera: Apidae: <i>Bombus</i> Latreille) and Their Distribution in Central Europe. <i>Chemistry and Biodiversity</i> , 2006, 3, 1015-1022.	2.1	11
112	Characterization of Neutral Lipase BT-1 Isolated from the Labial Gland of <i>Bombus terrestris</i> Males. <i>PLoS ONE</i> , 2013, 8, e80066.	2.5	11
113	The cephalic labial gland secretions of two socially parasitic bumblebees <i>Bombus hyperboreus</i> (<i>Alpinobombus</i>) and <i>Bombus inexpectatus</i> (<i>Thoracobombus</i>) question their inquiline strategy. <i>Insect Science</i> , 2018, 25, 75-86.	3.0	11
114	The enantiomeric composition of monoterpene hydrocarbons in the defensive secretions of <i>Nasutitermes</i> termites (Isoptera): Inter- and intraspecific variations. <i>Chemoecology</i> , 1993, 4, 120-123.	1.1	10
115	Reduced cephalic labial glands in the male bumblebees of the subgenus <i>Rhodobombus</i> Dalla Torre (Hymenoptera: Apidae: <i>Bombus</i> Latreille). <i>Annales De La Societe Entomologique De France</i> , 2007, 43, 497-503.	0.9	10
116	First Chemical Analysis and Characterization of the Male Species-Specific Cephalic Labial Gland Secretions of South American Bumblebees. <i>Chemistry and Biodiversity</i> , 2015, 12, 1535-1546.	2.1	10
117	Resolving the species status of overlooked West-European Palaeartic bumblebees. <i>Zoologica Scripta</i> , 2021, 50, 616-632.	1.7	10
118	Direct esterification of \pm -methoxy- \pm -(trifluoromethyl)phenylacetic acid. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 2207-2213.	1.0	9
119	Semiochemicals related to the aphid <i>Cinara pilicornis</i> and its host, <i>Picea abies</i> : A method to assign nepetalactone diastereomers. <i>Journal of Chromatography A</i> , 2008, 1180, 165-170.	3.7	9
120	Biotransformation of (1S)-2-Carene and (1S)-3-Carene by <i>Picea abies</i> Suspension Culture. <i>Molecules</i> , 2011, 16, 10541-10555.	3.8	9
121	Atomic resolution crystal structure of Sapp2p, a secreted aspartic protease from <i>Candida parapsilosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2494-2504.	2.5	9
122	Simple ears "flexible" behavior: Information processing in the moth auditory pathway. <i>Environmental Epigenetics</i> , 2015, 61, 292-302.	1.8	9
123	Adding attractive semio-chemical trait refines the taxonomy of <i>Alpinobombus</i> (Hymenoptera: Apidae). <i>Apidologie</i> , 2018, 49, 838-851.	2.0	9
124	(8Z)-1(15),8(9)-Trinervitadien-3 \pm -ol from <i>Nasutitermes nigriceps</i> termites. The revised structure for a defense compound of <i>Trinervitermes gratus</i> termites. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 1580-1585.	1.0	8
125	Analysis of Amaryllidaceae Alkaloids from <i>Zephyranthes Robusta</i> by GC-MS and Their Cholinesterase Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	8
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