Irena ValterovÃ¡

List of Publications by Year
in descending order

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162	3,755	126907	223800
papers	citations	33	46
		h-index	g-index

163	163	163	3535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding desaturation/hydroxylation activity of castor stearoyl Î”9-Desaturase through rational mutagenesis. Computational and Structural Biotechnology Journal, 2022, 20, 1378-1388.	4.1	3
2	Structural determinants for subnanomolar inhibition of the secreted aspartic protease Sapp1p from Candida parapsilosis. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 914-921.	5.2	3
3	Resolving the species status of overlooked Westâ€Palaearctic bumblebees. Zoologica Scripta, 2021, 50, 616-632.	1.7	10
4	A worthy conservation target? Revising the status of the rarest bumblebee of Europe. Insect Conservation and Diversity, 2021, 14, 661-674.	3.0	13
5	Taxonomic revision of the Sylvarum group of bumblebees using an integrative approach. Systematics and Biodiversity, 2020, 18, 12-28.	1.2	6
6	Desaturase specificity is controlled by the physicochemical properties of a single amino acid residue in the substrate binding tunnel. Computational and Structural Biotechnology Journal, 2020, 18, 1202-1209.	4.1	8
7	Stereochemistry of two pheromonal components of the bumblebee wax moth, Aphomia sociella. Scientific Reports, 2020, 10, 2094.	3.3	3
8	Production of Long Chain Fatty Alcohols Found in Bumblebee Pheromones by Yarrowia lipolytica. Frontiers in Bioengineering and Biotechnology, 2020, 8, 593419.	4.1	8
9	Multiplicity of human scent signature. Egyptian Journal of Forensic Sciences, 2019, 9, .	1.0	7
10	Sexual attraction: a review of bumblebee male pheromones. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2019, 74, 233-250.	1.4	22
11	Integrative taxonomy of an arctic bumblebee species complex highlights a new cryptic species (Apidae:) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	23
12	Thoracobombus from Mexico: a description of the male species-specific cephalic labial gland secretions. Apidologie, 2019, 50, 183-194.	2.0	2
13	Expansion of the fatty acyl reductase gene family shaped pheromone communication in Hymenoptera. ELife, 2019, 8, .	6.0	26
14	Following the cold: geographical differentiation between interglacial refugia and speciation in the arctoâ€alpine species complex Bombus monticola (Hymenoptera: Apidae). Systematic Entomology, 2018, 43, 200-217.	3.9	40
15	The cephalic labial gland secretions of two socially parasitic bumblebees Bombus hyperboreus (Alpinobombus) and Bombus inexspectatus (Thoracobombus) question their inquiline strategy. Insect Science, 2018, 25, 75-86.	3.0	11
16	Variability in Sexual Pheromones Questions their Role in Bumblebee Pre-Mating Recognition System. Journal of Chemical Ecology, 2018, 44, 9-17.	1.8	7
17	Adding attractive semio-chemical trait refines the taxonomy of Alpinobombus (Hymenoptera: Apidae). Apidologie, 2018, 49, 838-851.	2.0	9
18	Chemical reproductive traits of diploid Bombus terrestris males: Consequences on bumblebee conservation. Insect Science, 2017, 24, 623-630.	3.0	5

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19	Qualitative analyses of less-volatile organic molecules from female skin scents by comprehensive two dimensional gas chromatographyâ€“time of flight mass spectrometry. Journal of Chromatography A, 2017, 1505, 77-86.	3.7	16
20	Biotechnological potential of insect fatty acid-modifying enzymes. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2017, 72, 387-403.	1.4	17
21	Enantioselective Allylations of Selected Î±,Î²,Î³,Î´-Unsaturated Aldehydes by Axially Chiral N,Nâ€™-dioxides. Synthesis of the Left-hand Part of Papulacandin D. Current Organocatalysis, 2016, 3, 301-305.	0.5	3
22	Gene Expression Dynamics in Major Endocrine Regulatory Pathways along the Transition from Solitary to Social Life in a Bumblebee, Bombus terrestris. Frontiers in Physiology, 2016, 7, 574.	2.8	45
23	Regulation of Isoprenoid Pheromone Biosynthesis in Bumblebee Males. ChemBioChem, 2016, 17, 260-267.	2.6	15
24	Exploring complex pheromone biosynthetic processes in the bumblebee male labial gland by RNA sequencing. Insect Molecular Biology, 2016, 25, 295-314.	2.0	12
25	Myristoylation drives dimerization of matrix protein from mouse mammary tumor virus. Retrovirology, 2016, 13, 2.	2.0	6
26	The alien's identity: consequences of taxonomic status for the international bumblebee trade regulations. Biological Conservation, 2016, 195, 169-176.	4.1	32
27	Atomic resolution crystal structure of Sapp2p, a secreted aspartic protease fromCandida parapsilosis. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 2494-2504.	2.5	9
28	Simple ears â€“ flexible behavior: Information processing in the moth auditory pathway. Environmental Epigenetics, 2015, 61, 292-302.	1.8	9
29	First Chemical Analysis and Characterization of the Male Speciesâ€Specific Cephalic Labialâ€Gland Secretions of South American Bumblebees. Chemistry and Biodiversity, 2015, 12, 1535-1546.	2.1	10
30	Characterisation of Acetylâ€CoA Thiolase: The First Enzyme in the Biosynthesis of Terpenic Sex Pheromone Components in the Labial Gland of Bombus terrestris. ChemBioChem, 2015, 16, 1047-1051.	2.6	7
31	Highly polytypic taxon complex: interspecific and intraspecific integrative taxonomic assessment of the widespread pollinator <scp>B</scp>ombus pascuorum<scp>S</scp>copoli 1763 (<scp>H</scp>ymenoptera: <scp>A</scp>pidae). Systematic Entomology, 2015, 40, 881-890.	3.9	19
32	A scent shield to survive: identification of the repellent compounds secreted by the male offspring of the cuckoo bumblebee <scp>B</scp>ombus vestalis. Entomologia Experimentalis Et Applicata, 2015, 157, 263-270.	1.4	8
33	Seasonal Dynamics in the Chemistry and Structure of the Fat Bodies of Bumblebee Queens. PLoS ONE, 2015, 10, e0142261.	2.5	19
34	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
35	Methods for species delimitation in bumblebees (<scp>H</scp>ymenoptera, <scp>A</scp>pidae,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	51
36	Subspecific differentiation in male reproductive traits and virgin queen preferences, in Bombus terrestris. Apidologie, 2015, 46, 595-605.	2.0	17

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37	Biosynthetic Studies of the Male Marking Pheromone in Bumblebees by Using Labelled Fatty Acids and Twoâ€Dimensional Gas Chromatography with Mass Detection. ChemPlusChem, 2015, 80, 839-850.	2.8	6
38	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
39	Structural and Functional Studies of Phosphoenolpyruvate Carboxykinase from Mycobacterium tuberculosis. PLoS ONE, 2015, 10, e0120682.	2.5	7
40	Fatty Acids from Pool Lipids as Possible Precursors of the Male Marking Pheromone in Bumblebees. Molecules, 2014, 19, 2330-2343.	3.8	4
41	Role of Mason-Pfizer Monkey Virus CA-NC Spacer Peptide-Like Domain in Assembly of Immature Particles. Journal of Virology, 2014, 88, 14148-14160.	3.4	15
42	Enantioselective Allylation of Thiopheneâ€2â€carbaldehyde: Formal Total Synthesis of Duloxetine. Advanced Synthesis and Catalysis, 2014, 356, 199-204.	4.3	16
43	Breast cancer-associated protein â€“ a novel binding partner of Mason-Pfizer monkey virus protease. Journal of General Virology, 2014, 95, 1383-1389.	2.9	5
44	Syntheses of a Flobufen Metabolite and Dapoxetine Based on Enantioselective Allylation of Aromatic Aldehydes. European Journal of Organic Chemistry, 2014, 2014, 2543-2548.	2.4	14
45	Î”12-Fatty Acid Desaturase from Candida parapsilosis Is a Multifunctional Desaturase Producing a Range of Polyunsaturated and Hydroxylated Fatty Acids. PLoS ONE, 2014, 9, e93322.	2.5	27
46	SERINE PROTEASE FROM MIDGUT OF Bombus terrestris MALES. Archives of Insect Biochemistry and Physiology, 2013, 82, 117-128.	1.5	6
47	The role of desaturases in the biosynthesis of marking pheromones in bumblebee males. Insect Biochemistry and Molecular Biology, 2013, 43, 724-731.	2.7	25
48	Scent of a break-up: phylogeography and reproductive trait divergences in the red-tailed bumblebee (Bombus lapidarius). BMC Evolutionary Biology, 2013, 13, 263.	3.2	55
49	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
50	De Novo Biosynthesis of Sexual Pheromone in the Labial Gland of Bumblebee Males. ChemBioChem, 2013, 14, 361-371.	2.6	29
51	Patterns of Genetic and Reproductive Traits Differentiation in Mainland vs. Corsican Populations of Bumblebees. PLoS ONE, 2013, 8, e65642.	2.5	72
52	Characterization of Neutral Lipase BT-1 Isolated from the Labial Gland of Bombus terrestris Males. PLoS ONE, 2013, 8, e80066.	2.5	11
53	Cytotoxic Constituents of Pachyrhizus Tuberosus from Peruvian Amazon. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	4
54	Cytotoxic constituents of Pachyrhizus tuberosus from Peruvian amazon. Natural Product Communications, 2013, 8, 1423-6.	0.5	4

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55	Leg tendon glands in male bumblebees (Bombus terrestris): structure, secretion chemistry, and possible functions. Die Naturwissenschaften, 2012, 99, 1039-1049.	1.6	13
56	Structural characterization of wax esters by electron ionization mass spectrometry. Journal of Lipid Research, 2012, 53, 204-213.	4.2	35
57	Fast screening method for assessment of antimicrobial activity of essential oils in vapor phase. Food Research International, 2012, 47, 161-165.	6.2	101
58	Analysis of efflorescence on surface of beeswax seals. Journal of Cultural Heritage, 2012, 13, 275-284.	3.3	14
59	Born in an Alien Nest : How Do Social Parasite Male Offspring Escape from Host Aggression?. PLoS ONE, 2012, 7, e43053.	2.5	175
60	Females of the Bumblebee Parasite, Aphomia sociella, Excite Males Using a Courtship Pheromone. Journal of Chemical Ecology, 2012, 38, 400-407.	1.8	6
61	Chemistry and Anatomy of the Frontal Gland in Soldiers of the Sand Termite Psammotermes hybostoma. Journal of Chemical Ecology, 2012, 38, 557-565.	1.8	21
62	Essential Oils in the Ranunculaceae Family: Chemical Composition of Hydrodistilled Oils from Consolida regalis, Delphinium elatum, Nigella hispanica, and N. nigellastrum Seeds. Chemistry and Biodiversity, 2012, 9, 151-161.	2.1	13
63	Biotransformation of (1S)-2-Carene and (1S)-3-Carene by Picea abies Suspension Culture. Molecules, 2011, 16, 10541-10555.	3.8	9
64	Isolation and Cholinesterase Activity of Amaryllidaceae Alkaloids from Nerine bowdenii. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3
65	Male Moth Songs Tempt Females to Accept Mating: The Role of Acoustic and Pheromonal Communication in the Reproductive Behaviour of Aphomia sociella. PLoS ONE, 2011, 6, e26476.	2.5	17
66	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 Hodotermopsis sjoestedti (Isoptera, Archotermopsidae). Journal of Insect Physiology, 2011, 57, 1585-1591.	2.0	12
67	Molecular and chemical characters to evaluate species status of two cuckoo bumblebees: Bombus barbutellus and Bombus maxillosus (Hymenoptera, Apidae, Bombini). Systematic Entomology, 2011, 36, 453-469.	3.9	34
68	Sex Pheromone and Trail Pheromone of the Sand Termite Psammotermes hybostoma. Journal of Chemical Ecology, 2011, 37, 179-188.	1.8	20
69	Age-dependent attractivity of malesâ€™ sexual pheromones in Bombus terrestris (L.) [Hymenoptera, Apidae]. Chemoecology, 2011, 21, 75-82.	1.1	19
70	Nonâ€Polar Lipid Components of Human Cerumen. Lipids, 2011, 46, 781-788.	1.7	18
71	Changes in the Composition of Triacylglycerols in the Fat Bodies of Bumblebee Males During Their Lifetime. Lipids, 2011, 46, 863-871.	1.7	6
72	Antibacterial effect of essential oil vapours against different strains of Staphylococcus aureus, including MRSA. Flavour and Fragrance Journal, 2011, 26, 403-407.	2.6	22

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73	Enantioselective Allylation of Aldehydes Catalyzed by Diastereoisomeric Bis(tetrahydroisoquinoline) N,Nâ€²â€Dioxides. European Journal of Organic Chemistry, 2010, 2010, 7040-7044.	2.4	30
74	Lewis Base Catalyzed Enantioselective Allylation of Î±,Î²â€Unsaturated Aldehydes. Chemistry - A European Journal, 2010, 16, 9442-9445.	3.3	50
75	Selection of reference genes for real-time polymerase chain reaction analysis in tissues from Bombus terrestris and Bombus lucorum of different ages. Analytical Biochemistry, 2010, 397, 118-120.	2.4	106
76	EFFECT OF SOLAR DRYING ON THE COMPOSITION OF ESSENTIAL OIL OF SACHA CULANTRO (ERYNGIUM FOETIDUM L.) GROWN IN THE PERUVIAN AMAZON. Journal of Food Process Engineering, 2010, 33, 83-103.	2.9	31
77	Analysis of Amaryllidaceae Alkaloids from Zephyranthes Robusta by GC-MS and Their Cholinesterase Activity. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	8
78	Identification by GC-EAD of the two-component trail-following pheromone of Prorhinotermes simplex (Isoptera, Rhinotermitidae, Prorhinotermitinae). Journal of Insect Physiology, 2009, 55, 751-757.	2.0	35
79	Simple and Fast Synthesis of New Axially Chiral Bipyridine N,Nâ€²â€²Dioxides for Highly Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 1279-1283.	4.3	65
80	Analysis of insect triacylglycerols using liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. European Journal of Lipid Science and Technology, 2009, 111, 519-525.	1.5	16
81	Norsesquiterpene hydrocarbon, chemical composition and antimicrobial activity of Rhaponticum carthamoides root essential oil. Phytochemistry, 2009, 70, 414-418.	2.9	27
82	Comparison of Age-dependent Quantitative Changes in the Male Labial Gland Secretion of Bombus Terrestris and Bombus Lucorum. Journal of Chemical Ecology, 2009, 35, 698-705.	1.8	35
83	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3878-3884.	2.3	23
84	Composition and Electrophysiological Activity of Constituents Identified in Male Wing Gland Secretion of the Bumblebee Parasite Aphomia sociella. Journal of Natural Products, 2009, 72, 8-13.	3.0	28
85	Age-Dependent Changes in the Chemistry of Exocrine Glands of Bombus terrestris Queens. Journal of Chemical Ecology, 2008, 34, 458-466.	1.8	7
86	Unusual Fatty Acids in the Fat Body of the Early Nesting Bumblebee, Bombus pratorum. Lipids, 2008, 43, 441-450.	1.7	16
87	A Î”⁹ Desaturase from Bombus lucorum Males: Investigation of the Biosynthetic Pathway of Marking Pheromones. ChemBioChem, 2008, 9, 2534-2541.	2.6	20
88	Intraspecific Variation of the Cephalic Labial Gland Secretions in Bombus terrestris (L.) (Hymenoptera: Apidae). Chemistry and Biodiversity, 2008, 5, 2654-2661.	2.1	41
89	New Pathway to C₂â€Symmetric Atropoisomeric Bipyridine N,Nâ€²â€²â€Dioxides and Solvent Effect in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2008, 350, 1449-1456.	4.3	66
90	Semiochemicals related to the aphid Cinara pilicornis and its host, Picea abies: A method to assign nepetalactone diastereomers. Journal of Chromatography A, 2008, 1180, 165-170.	3.7	9

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91	Age-dependent changes in structure and function of the male labial gland in Bombus terrestris. Journal of Insect Physiology, 2008, 54, 204-214.	2.0	28
92	Catalytic Asymmetric Allylation of Aliphatic Aldehydes by Chiral Bipyridine N,Nâ€²-Dioxides. Synlett, 2008, 2008, 3141-3144.	1.8	3
93	Antibody response to the 45â€…kDa Candida albicans antigen in an animal model and potential role of the antigen in adherence. Journal of Medical Microbiology, 2008, 57, 1466-1472.	1.8	21
94	Functional characterization of a desaturase from the tobacco hornworm moth (Manduca sexta) with bifunctional Z11- and 10,12-desaturase activity. Insect Biochemistry and Molecular Biology, 2007, 37, 601-610.	2.7	34
95	Reduced cephalic labial glands in the male bumblebees of the subgenusRhodobombusDalla Torre (Hymenoptera: Apidae:BombusLatreille). Annales De La Societe Entomologique De France, 2007, 43, 497-503.	0.9	10
96	Biotransformation of a Monoterpene Mixture by in vitro Cultures of Selected Conifer Species. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	3
97	Atypical Secretions of the Male Cephalic Labial Glands in Bumblebees: The Case of Bombus (Rhodobombus) mesomelas<scp>Gerstaecker</scp> (Hymenoptera, Apidae). Chemistry and Biodiversity, 2007, 4, 1466-1471.	2.1	17
98	A Simple Approach to Unsymmetric Atropoisomeric BipyridineN,Nâ€²-Dioxides and Their Application in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2007, 349, 822-826.	4.3	56
99	Nitroalkenes and Sesquiterpene Hydrocarbons from the Frontal Gland of Three Prorhinotermes Termite Species. Journal of Chemical Ecology, 2007, 33, 1787-1794.	1.8	40
100	Male bumble bee pheromonal components in the scent of deceit pollinated orchids; unrecognized pollinator cues?. Arthropod-Plant Interactions, 2007, 1, 137-145.	1.1	26
101	Computer-assisted interpretation of atmospheric pressure chemical ionization mass spectra of triacylglycerols. Rapid Communications in Mass Spectrometry, 2006, 20, 3586-3594.	1.5	26
102	Analysis of triacylglycerols in fat body of bumblebees by chromatographic methods. Journal of Chromatography A, 2006, 1101, 226-237.	3.7	52
103	Gas chromatographic retention data of wax esters. Journal of Chromatography A, 2006, 1128, 208-219.	3.7	26
104	An easy route to atropoisomeric bipyridine N,Nâ€²-dioxides and allylation of aldehydes. Tetrahedron: Asymmetry, 2006, 17, 3185-3191.	1.8	49
105	Male Cephalic Labial Gland Secretions of Two Bumblebee Species of the SubgenusCullumanobombus (Hymenoptera: Apidae:Bombus Latreille) and Their Distribution in Central Europe. Chemistry and Biodiversity, 2006, 3, 1015-1022.	2.1	11
106	Chemical composition of essential oil from the seeds ofNigella arvensis L. and assessment of its actimicrobial activity. Flavour and Fragrance Journal, 2006, 21, 713-717.	2.6	26
107	NMR structure determination of (11E)-trinervita-1(14),2,11-triene, a new diterpene from sexual glands of termites. Tetrahedron, 2005, 61, 10699-10704.	1.9	13
108	Neocembrene A, a major component of the trail-following pheromone in the genus Prorhinotermes (Insecta, Isoptera, Rhinotermitidae). Chemoecology, 2005, 15, 1-6.	1.1	38

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109	Formation of trans-Verbenol and Verbenone from Î±-Pinene Catalysed by Immobilised Picea abies Cells. Bioscience, Biotechnology and Biochemistry, 2005, 69, 321-325.	1.3	22
110	Intra and interspecific variability of the cephalic labial glands' secretions in male bumblebees: the case of Bombus (Thoracobombus) ruderarius and B.ï¿½(Thoracobombus) sylvarum [Hymenoptera, Apidae]. Apidologie, 2005, 36, 85-96.	2.0	31
111	Cephalic secretions of the bumblebee subgenus Sibiricobombus Vogt suggest Bombus niveatus Kriechbaumer and Bombus vorticosus Gerstaecker are conspecific (Hymenoptera, Apidae, Bombus). Apidologie, 2005, 36, 571-584.	2.0	38
112	Exocrine Gland Secretions of Virgin Queens of Five Bumblebee Species (Hymenoptera: Apidae, Bombini). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 582-589.	1.4	14
113	Marking pheromones of the cuckoo bumblebee males (Hymenoptera, Apoidea, Bombus Latreille): compositions of labial gland secretions of six species found in the Czech Republic. Biochemical Systematics and Ecology, 2004, 32, 1025-1045.	1.3	22
114	Absolute configuration of chiral terpenes in marking pheromones of bumblebees and cuckoo bumblebees. Chirality, 2004, 16, 228-233.	2.6	23
115	Transformation of terpenes using a Picea abies suspension culture. Journal of Biotechnology, 2004, 107, 173-184.	3.8	38
116	(S)-(+)-linalool, a mate attractant pheromone component in the bee Colletes cunicularius. Journal of Chemical Ecology, 2003, 29, 1-14.	1.8	64
117	Transformation of Î±-Pinene UsingPicea abiesSuspension Culture. Journal of Natural Products, 2003, 66, 337-343.	3.0	29
118	Biotransformation of Citronellal bySolanumaviculareSuspension Cultures:Â Preparation ofp-Menthane-3,8-diols and Determination of Their Absolute Configurations. Journal of Natural Products, 2003, 66, 1239-1241.	3.0	12
119	Biosynthetic studies on marking pheromones of bumblebee males. Chemoecology, 2003, 13, 81-87.	1.1	21
120	De la nÃ©cessitÃ© de redÃ©crire les phÃ©romones sexuelles des mÃ¢les de bourdons [HymenopteraÂ: Apidae, Bombini] publiÃ©es avant 1996 pour leur utilisation en analyse phylogÃ©nÃ©tique. Phytoprotection, 2003, 84, 39-49.	0.3	20
121	The First Synthesis of Geranyllinalool Enantiomers. Collection of Czechoslovak Chemical Communications, 2002, 67, 83-90.	1.0	7
122	Composition of the Labial Gland Secretion of the Bumblebee Males Bombus pomorum. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 430-436.	1.4	7
123	Correlations between selected monoterpene hydrocarbons in the xylem of six Pinus (Pinaceae) species. Chemoecology, 2001, 11, 97-106.	1.1	23
124	Nonsaponifiable lipid components of the pollen of elder (Sambucus nigra L.). Journal of Chromatography A, 2001, 936, 173-181.	3.7	12
125	Chemotaxonomical characterisation of males of Bombus lucorum (Hymenoptera: Apidae) collected in the Czech Republic. European Journal of Entomology, 2001, 98, 111-115.	1.2	22
126	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

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127	Volatiles released from oak, a host tree for the bark beetle Scolytus intricatus. Biochemical Systematics and Ecology, 2000, 28, 933-947.	1.3	44
128	Biotransformation of (S)-(â^')- and (R)-(+)-limonene using Solanum aviculare and Dioscorea deltoidea plant cells. Phytochemistry, 1999, 50, 1347-1351.	2.9	24
129	Release of volatiles during the flowering period of Hydrosme rivieri (Araceae). Phytochemistry, 1999, 52, 1387-1390.	2.9	30
130	Scent Marking in Male Premating Behavior of Bombus confusus. Journal of Chemical Ecology, 1999, 25, 1489-1500.	1.8	30
131	Title is missing!. Biotechnology Letters, 1999, 21, 625-628.	2.2	20
132	Seasonal variations in the content of taxanes in the bark of Taxus baccata L.. , 1999, 10, 319-321.		20
133	Premating Behavior of Bombus Confusus Males and Analysis of Their Labial Gland Secretion. Journal of Chemical Ecology, 1998, 24, 183-193.	1.8	24
134	Volatiles from Stink Bug,Graphosoma lineatum (L.), and from Green Shield Bug,Palomena prasina (L.), (Heteroptera: Pentatomidae). Journal of High Resolution Chromatography, 1998, 21, 475-476.	1.4	17
135	Gas Chromatography and Mass Spectrometry of Isomeric Cyclohexylnonadecanes and 1-Cyclopentylicosane. Collection of Czechoslovak Chemical Communications, 1998, 63, 1513-1521.	1.0	0
136	Host plant chemistry and preferences in egg-laying Trioza apicalis (Homoptera, Psylloidea). Biochemical Systematics and Ecology, 1997, 25, 477-491.	1.3	39
137	Biotransformations of Î³-methyl-Î²-ketosulfones: stereoselectivity of 3-methyl-1-(phenylsulfonyl)hexan-2-one reductions by various yeasts. Tetrahedron: Asymmetry, 1996, 7, 1285-1294.	1.8	24
138	Floral fragrance chemistry in the early flowering shrub Daphne mezereum. Phytochemistry, 1996, 41, 1477-1483.	2.9	73
139	Monoterpenes released from Apiaceae and the eggâ€laying preferences of the carrot psyllid, Trioza apicalis. Entomologia Experimentalis Et Applicata, 1996, 80, 83-86.	1.4	22
140	Analysis of the Labial Gland Secretion of the Cuckoo-Bumblebee (Psithyrus vestalis) Males and Synthesis of Abundant Geranylcitronellol. Collection of Czechoslovak Chemical Communications, 1996, 61, 1501-1508.	1.0	14
141	Contents and enantiomeric compositions of monoterpene hydrocarbons in xylem oleoresins from four Pinus species growing in Cuba. Comparison of trees unattacked and attacked by Dioryctria horneana. Biochemical Systematics and Ecology, 1995, 23, 1-15.	1.3	21
142	Use of conifer volatiles to reduce injury caused by carrot psyllid,Trioza apicalis, FÃ¶rster (Homoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	44
143	Volatile compounds from flowers of six species in the family Apiaceae: Bouquets for different pollinators?. Phytochemistry, 1993, 35, 111-119.	2.9	67
144	The enantiomeric composition of monoterpene hydrocarbons in the defensive secretions ofNasutitermes termites (Isoptera): Inter- and intraspecific variations. Chemoecology, 1993, 4, 120-123.	1.1	10

#	Article	IF	Citations
145	Enantiomeric Composition of Monoterpene Hydrocarbons in Different Tissues of Norway Spruce, Picea abies (L.) Karst. A Multi-dimensional Gas Chromatography Study.. Acta Chemica Scandinavica, 1993, 47, 138-144.	0.7	66
146	Enantiomeric composition of monoterpene hydrocarbons from the liverwort Conocephalum conicum. Phytochemistry, 1992, 31, 3121-3123.	2.9	16
147	Defensive substances from the frontal gland secretion of Nasutitermes nigriceps termite soldiers. Collection of Czechoslovak Chemical Communications, 1991, 56, 2969-2977.	1.0	7
148	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
149	(8Z)-1(15),8(9)-Trinervitadien-3Î±-ol from Nasutitermes nigriceps termites. The revised structure for a deffense compound of Trinervitermes gratiosus termites. Collection of Czechoslovak Chemical Communications, 1990, 55, 1580-1585.	1.0	8
150	Intraspecific variation in the defence secretions of Nasutitermes ephratae soldiers and the biological activity of some of their components. Biochemical Systematics and Ecology, 1989, 17, 327-332.	1.3	17
151	Determination of the absolute configuration of secondary alcohols by modified Horeau's method using HPLC. Collection of Czechoslovak Chemical Communications, 1989, 54, 151-159.	1.0	4
152	Rubber substrates and their influence on isomerization of conjugated dienes in pheromone dispensers. Journal of Chemical Ecology, 1988, 14, 1347-1358.	1.8	14
153	Methyl 3Î±,6Î±-diacetoxy-10-oxo-(7Î±)-kemp-11-en-20-oate: The revised structure for the kempane derivative from the frontal gland secretion of Nasutitermes costalis soldiers. Collection of Czechoslovak Chemical Communications, 1987, 52, 707-713.	1.0	4
154	Direct esterification of Î±-methoxy-Î±-(trifluoromethyl)phenylacetic acid. Collection of Czechoslovak Chemical Communications, 1986, 51, 2207-2213.	1.0	9
155	Constituents of frontal gland secretion of peruvian termites Nasutitermes ephratae. Collection of Czechoslovak Chemical Communications, 1986, 51, 2884-2895.	1.0	14
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