Higher plant terpenoids: A phytocentric overview of th

Journal of Chemical Ecology
20, 1223-1280
DOI: 10.1007/bf02059809

Citation Report

#	Article	IF	Citations
1	THE EFFECT OF URINARY GLUCOSE EXCRETION ON THE PLASMA GLUCOSE CLEARANCES AND PLASMA INSULIN RESPONSES TO INTRAVENOUS GLUCOSE LOADS IN UNANAESTHESIZED DOGS. European Journal of Endocrinology, 1978, 87, 133-138.	1.9	13
2	In search of allelopathy in the Florida scrub: The role of terpenoids. Journal of Chemical Ecology, 1994, 20, 1355-1380.	0.9	147
3	Interaction of pre-attack and induced monoterpene concentrations in host conifer defense against bark beetle-fungal complexes. Oecologia, 1995, 102, 285-295.	0.9	243
4	Analysis of foliar monoterpenoid content in the California Bay Tree, Umbellularia calfironica, among populations across the distribution of the species. Biochemical Systematics and Ecology, 1995, 23, 439-448.	0.6	7
5	Comparative dynamics of ptaquiloside and pterosin B in the two varieties (caudatum and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 Td and Ecology, 1995, 23, 709-716.	0.6	25
6	Loss of monoterpenes from Umbellularia californica leaf litter. Biochemical Systematics and Ecology, 1995, 23, 581-591.	0.6	18
7	Fumigant toxic activity and reproductive inhibition induced by monoterpenes on Acanthoscelides obtectus (Say) (coleoptera), a bruchid of kidney bean (Phaseolus vulgaris L.). Journal of Stored Products Research, 1995, 31, 291-299.	1.2	254
8	Reply from M.L. Arnold and S.A. Hodges. Trends in Ecology and Evolution, 1995, 10, 289.	4.2	4
9	Terpenoids: a plant language. Trends in Ecology and Evolution, 1995, 10, 289.	4.2	45
10	A protist writes 3.. Trends in Ecology and Evolution, 1995, 10, 289.	4.2	6
11	Chemical Markers for Aroma ofVitis viniferaVar. Chardonnay Regional Wines. Journal of Agricultural and Food Chemistry, 1996, 44, 1085-1090.	2.4	70
12	Implications of foliar monoterpenoid variation among ontogenetic stages of the California Bay Tree (Umbellularia californica) for deer herbivory. Biochemical Systematics and Ecology, 1996, 24, 13-23.	0.6	21
13	Variation in chemical and physical properties during leaf development in california bay tree (Umbellularia californica): Predictions regarding palatability for deer. Biochemical Systematics and Ecology, 1996, 24, 93-103.	0.6	19
14	Chemical defenses of the tropical green seaweed Neomeris annulata Dickie: effects of multiple compounds on feeding by herbivores. Journal of Experimental Marine Biology and Ecology, 1996, 201, 185-195.	0.7	27
15	Pine needle oil causes avoidance behaviors in pocket gopherGeomys bursarius. Journal of Chemical Ecology, 1996, 22, 1013-1025.	0.9	19
16	Phytotoxicity of cacalol and some derivatives obtained from the roots ofPsacalium decompositum (A.) Tj ETQq1 1 0.784314 rgBT /Ov 393-403.	0.9	21
17	Population-level variation in plant secondary chemistry, and the population biology of herbivores. Chemoecology, 1996, 7, 45-56.	0.6	28
18	1,8-Cineole: An attractant for the banana weevil, Cosmopolites sordidus. Phytochemistry, 1996, 42, 369-371.	1.4	24

#	Article	IF	Citations
19	Chemoecology of larvae of the European apple sawfly. Entomologia Experimentalis Et Applicata, 1996, 80, 286-288.	0.7	7
20	Biology of Amber-Producing Trees: Focus on Case Studies of Hymenaea and Agathis. ACS Symposium Series, 1995, , 1-31.	0.5	47
21	EARLY HISTORY AND PROGRESS OF WOMEN ECOLOGISTS: Emphasis Upon Research Contributions. Annual Review of Ecology, Evolution, and Systematics, 1996, 27, 1-53.	6.7	26
22	Plant Production and Emission of Volatile Organic Compounds. BioScience, 1997, 47, 373-383.	2.2	173
23	Response of Japanese Beetles (Coleoptera: Scarabaeidae) to Leaf Volatiles of Susceptible and Resistant Maple Species. Environmental Entomology, 1997, 26, 334-342.	0.7	32
24	Variation in Avoidance of Siberian Pine Needle Oil by Rodent and Avian Species. Journal of Wildlife Management, 1997, 61, 235.	0.7	4
25	Recent advances in chemical ecology. Natural Product Reports, 1997, 14, 83.	5.2	31
26	Isopentenyl diphosphate isomerase: a core enzyme in isoprenoid biosynthesis. A review of its biochemistry and function. Natural Product Reports, 1997, 14, 591.	5.2	140
27	Insects on Plants: Macroevolutionary Chemical Trends in Host Use. Science, 1997, 276, 253-256.	6.0	442
28	Plant secondary metabolite diversity as a resistance trait against insects: a test with Sitophilus granarius (Coleoptera: Curculionidae) and seed secondary metabolites. Biochemical Systematics and Ecology, 1997, 25, 591-602.	0.6	31
29	Effects of Carbon Dioxide, Water Supply, and Seasonality on Terpene Content and Emission by Rosmarinus officinalis. Journal of Chemical Ecology, 1997, 23, 979-993.	0.9	110
30	Effect of Centaurea maculosa on Sheep Rumen Microbial Activity and Mass in Vitro. Journal of Chemical Ecology, 1997, 23, 1131-1144.	0.9	21
31	Fire and late-Holocene expansion ofQuercus ilexandPinus pinasteron Corsica. Journal of Vegetation Science, 1997, 8, 85-94.	1.1	68
32	Title is missing!. Plant Ecology, 1997, 132, 85-95.	0.7	96
33	Variation of monoterpenoids inartemisia feddei andArtemisia scoparia. Journal of Plant Biology, 1997, 40, 267-274.	0.9	5
34	Path analysis of natural selection on plant chemistry: the xylem resin of ponderosa pine. Oecologia, 1997, 109, 251-258.	0.9	18
35	Physiological price of an induced chemical defense: photosynthesis, respiration, biosynthesis, and growth. Oecologia, 1997, 109, 433-441.	0.9	131
36	Diurnal emission of volatile compounds by Japanese beetle-damaged grape leaves. Phytochemistry, 1997, 45, 919-923.	1.4	44

#	Article	IF	Citations
37	Circadian and seasonal variation in the essential oil from Virola surinamensis leaves. Phytochemistry, 1997, 46, 689-693.	1.4	32
38	Influence of intra- and inter-specific Interference on Terpene Emission by Pinus Halepensis and Quercus Ilex Seedlings. Biologia Plantarum, 1998, 41, 139-143.	1.9	16
39	Influence of phytochrome on leaf monoterpene variation in Satureja douglasii. Biochemical Systematics and Ecology, 1998, 26, 25-34.	0.6	19
41	The influence of elevated CO 2 and O 3 concentrations on Scots pine needles: changes in starch and secondary metabolites over three exposure years. Oecologia, 1998, 114, 455-460.	0.9	65
42	Patterns of induced and constitutive monoterpene production in conifer needles in relation to insect herbivory. Oecologia, 1998, 114, 531-540.	0.9	169
43	Individual variation in constitutive and induced monoterpene biosynthesis in grand fir. Phytochemistry, 1998, 47, 577-582.	1.4	38
44	Chemical ecology in the molecular era. Trends in Plant Science, 1998, 3, 362-365.	4.3	27
45	Sesquiterpene Synthases from Grand Fir (Abies grandis). Journal of Biological Chemistry, 1998, 273, 2078-2089.	1.6	362
46	Biosynthesis of the Monoterpenes Limonene and Carvone in the Fruit of Caraway1. Plant Physiology, 1998, 117, 901-912.	2.3	153
47	Patterns in volatile organic compound emissions along a savanna-rainforest gradient in central Africa. Journal of Geophysical Research, 1998, 103, 1443-1454.	3.3	88
48	SPATIAL HETEROGENEITY AND INSECT ADAPTATION TO TOXINS. Annual Review of Entomology, 1998, 43, 571-594.	5.7	127
49	Bioassays for Allelopathy in Terrestrial Plants. , 1998, , 179-211.		36
50	A family of transketolases that directs isoprenoid biosynthesis via a mevalonate-independent pathway. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2100-2104.	3.3	351
51	Functional multiplicity among nonprotein amino acids in Mimosoid legumes: A case against redundancy. Ecoscience, 1998, 5, 287-294.	0.6	16
52	Plant terpenoid synthases: Molecular biology and phylogenetic analysis. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4126-4133.	3.3	990
53	Terpenoid-based defenses in conifers: cDNA cloning, characterization, and functional expression of wound-inducible (E)-Â-bisabolene synthase from grand fir (Abies grandis). Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6756-6761.	3.3	162
54	An effect of pine volatiles on departure of Bursaphelenchus xylophilus (Nematoda : Aphelenchoididae) from Monochamus alternatus (Coleoptera : Cerambycidae). Applied Entomology and Zoology, 1998, 33, 231-237.	0.6	24
55	Biogenic Emissions of Volatile Organic Compounds from Higher Plants. , 1999, , 41-96.		98

#	Article	IF	Citations
56	CIGR Handbook of Agricultural Engineering, Volume V Energy and Biomass Engineering, Chapter 3 Biomass Engineering, Part 3.5 Biomass Feedstocks, Part 3.5.3 Chemical Ingredients from Biomass. , 1999, , .		0
57	Trade-Offs in Phenolic Metabolism of Silver Birch: Effects of Fertilization, Defoliation, and Genotype. Ecology, 1999, 80, 1970.	1.5	16
58	Sustainable Methods for a Sustainable Production of Peppermint (MenthaxpiperitaL.) Essential Oil. Journal of Essential Oil Research, 1999, 11, 267-282.	1.3	11
59	Differential Induction of Plant Volatile Biosynthesis in the Lima Bean by Early and Late Intermediates of the Octadecanoid-Signaling Pathway. Plant Physiology, 1999, 121, 153-162.	2.3	242
60	Monoterpene Biosynthesis. , 1999, , 97-153.		109
61	Chemical differentiation between leaves of seedlings and spatially close adult trees from the tropical rain-forest species Nectandra ambigens (Lauraceae): an alternative test of the Janzen-Connell model. Functional Ecology, 1999, 13, 725-732.	1.7	12
62	Trade-offs between phlorotannin production and annual growth in natural populations of the brown seaweedAscophyllum nodosum. Journal of Ecology, 1999, 87, 761-771.	1.9	73
63	Biosynthesis of Organic Compounds Emitted by Plants. Plant Biology, 1999, 1, 149-159.	1.8	83
64	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2741-2756.	0.9	25
65	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1007-1027.	0.9	51
66	Title is missing!. Journal of Chemical Ecology, 1999, 25, 861-880.	0.9	64
67	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1411-1425.	0.9	85
68	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1771-1797.	0.9	28
69	Ecological and evolutionary aspects of isoprene emission from plants. Oecologia, 1999, 118, 109-123.	0.9	214
70	Unexpected reactions of a generalist predator towards defensive devices of cassidine larvae (Coleoptera, Chrysomelidae). Oecologia, 1999, 118, 166-172.	0.9	40
71	Short-term responses of terpene emission rates to experimental changes of PFD in Pinus halepensis and Quercus ilex in summer field conditions. Environmental and Experimental Botany, 1999, 42, 61-68.	2.0	62
72	Mixture models of soybean growth and herbivore performance in response to nitrogen-sulphur-phosphorous nutrient interactions. Ecological Entomology, 1999, 24, 132-145.	1.1	48
73	Allelopathy as a Tool in the Management of Biotic Resources in Agroecosystems. Critical Reviews in Plant Sciences, 1999, 18, 697-739.	2.7	136

#	Article	IF	Citations
74	TRADE-OFFS IN PHENOLIC METABOLISM OF SILVER BIRCH: EFFECTS OF FERTILIZATION, DEFOLIATION, AND GENOTYPE. Ecology, 1999, 80, 1970-1986.	1.5	118
75	Allelopathy: Principles, Procedures, Processes, and Promises for Biological Control. Advances in Agronomy, 1999, 67, 141-231.	2.4	100
76	Ecophysiological Approach in Allelopathy. Critical Reviews in Plant Sciences, 1999, 18, 577-608.	2.7	218
77	Defensive roles of terpenoid mixtures in conifers. Acta Botanica Gallica, 1999, 146, 73-84.	0.9	27
78	Effects of Planting on Concentrations of Terpenes, Resin Acids and Total Phenolics in Pinus sylvestris Seedlings. Scandinavian Journal of Forest Research, 1999, 14, 218-226.	0.5	15
79	Diversification des stratÃ©gies de protection des plantes: intÃ©rÃªt des monoterpÃ¨nes. Acta Botanica Gallica, 1999, 146, 35-41.	0.9	2
80	Electrophysiological response to herbivore-induced host plant volatiles in the moth Spodoptera littoralis. Physiological Entomology, 1999, 24, 377-385.	0.6	71
81	Effects of SelectedLarix laricinaTerpenoids onLymantria dispar(Lepidoptera: Lymantriidae) Development and Behavior. Environmental Entomology, 1999, 28, 148-154.	0.7	24
82	Seasonal patterns of terpene content and emission from seven Mediterranean woody species in field conditions. American Journal of Botany, 2000, 87, 133-140.	0.8	228
83	Influence of elevated ozone and limited nitrogen availability on conifer seedlings in an open-air fumigation system: effects on growth, nutrient content, mycorrhiza, needle ultrastructure, starch and secondary compounds. Global Change Biology, 2000, 6, 345-355.	4.2	44
84	A universal molecular method for identifying underground plant parts to species. Molecular Ecology, 2000, 9, 1549-1559.	2.0	66
85	Molecular cloning of geranyl diphosphate synthase and compartmentation of monoterpene synthesis in plant cells. Plant Journal, 2000, 24, 241-252.	2.8	158
86	The ecology and evolution of pollen odors. Plant Systematics and Evolution, 2000, 222, 63-87.	0.3	264
87	Herbivory by the weevil, Strophosoma melanogrammum, causes severalfold increase in emission of monoterpenes from young Norway spruce (Picea abies). Atmospheric Environment, 2000, 34, 711-718.	1.9	33
88	Natural emissions of non-methane volatile organic compounds, carbon monoxide, and oxides of nitrogen from North America. Atmospheric Environment, 2000, 34, 2205-2230.	1.9	591
89	A new species of resinicolous Chaenothecopsis (Mycocaliciaceae, Ascomycota) from 20 million year old Bitterfeld amber, with remarks on the biology of resinicolous fungi. Mycological Research, 2000, 104, 7-15.	2.5	60
90	Title is missing!. Journal of Chemical Ecology, 2000, 26, 611-624.	0.9	186
91	Patterns of Monoterpene Variation within Individual Trees in Ponderosa Pine. Journal of Chemical Ecology, 2000, 26, 1341-1357.	0.9	39

#	Article	IF	Citations
92	Title is missing!. Journal of Chemical Ecology, 2000, 26, 497-511.	0.9	49
93	Supplemental barley and charcoal increase intake of sagebrush by lambs. Journal of Range Management, 2000, 53, .	0.3	0
94	Herbal products: active constituents, modes of action and quality control. Nutrition Research Reviews, 2000, 13, 47-77.	2.1	125
95	BIOSYNTHESIS OF CONIFEROPHAGOUS BARK BEETLE PHEROMONES AND CONIFER ISOPRENOIDS: EVOLUTIONARY PERSPECTIVE AND SYNTHESIS. Canadian Entomologist, 2000, 132, 697-753.	0.4	120
96	Regulation of Monoterpene Accumulation in Leaves of Peppermint. Plant Physiology, 2000, 122, 205-214.	2.3	290
97	Biochemical, Molecular Genetic and Evolutionary Aspects of Defense-Related Terpenoid Metabolism in Conifers. Recent Advances in Phytochemistry, 2000, 34, 109-150.	0.5	35
98	Distribution of Peltate Glandular Trichomes on Developing Leaves of Peppermint. Plant Physiology, 2000, 124, 655-664.	2.3	161
99	HERBIVORE RESISTANCE INBETULA PENDULA: EFFECT OF FERTILIZATION, DEFOLIATION, AND PLANT GENOTYPE. Ecology, 2000, 81, 49-65.	1.5	113
100	UV-B Effect on Photomorphogenesis and Essential Oil Composition in Peppermint (<i>Mentha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42	1.3	46
101	Herbivore Resistance in Betula pendula: Effect of Fertilization, Defoliation, and Plant Genotype. Ecology, 2000, 81, 49.	1.5	64
102	Supplemental Barley and Charcoal Increase Intake of Sagebrush by Lambs. Journal of Range Management, 2000, 53, 415.	0.3	59
103	The ecology and evolution of pollen odors. , 2000, , 63-87.		5
104	Allelopathic Effects of Some Volatile Substances from the Tomato Plant. The Journal of Crop Improvement: Innovations in Practiceory and Research, 2001, 4, 313-321.	0.4	16
105	Seasonal patterns of non-terpenoid C6â€“C10 VOC emission from seven Mediterranean woody species. Chemosphere, 2001, 45, 237-244.	4.2	38
106	Monitoring Biogenic Volatile Compounds Emitted byEucalyptus citriodoraUsing SPME. Analytical Chemistry, 2001, 73, 4729-4735.	3.2	75
108	Seasonal Variation of the Chemical Constituents from Croton Species. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 357-362.	0.6	3
109	Defensive adaptations of Thuja plicata to ungulate browsing: a comparative study between mainland and island populations. Oecologia, 2001, 126, 84-93.	0.9	121
110	Effects of long-term open-field ozone exposure on leaf phenolics of European silver birch (Betula) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	83

#	Article	IF	Citations
111	Zanthoxylum piperitum, an Asian spice, inhibits food intake in rats. Journal of Chemical Ecology, 2001, 27, 1627-1640.	0.9	20
112	Emission of volatile organic compounds by apple trees under spider mite attack and attraction of predatory mites. Experimental and Applied Acarology, 2001, 25, 65-77.	0.7	43
113	A simple method to extract essential oils from tissue samples by using microwave radiation. , 2001, 27, 2351-2359.		28
114	The Complexity of Factors Driving Volatile Organic Compound Emissions by Plants. Biologia Plantarum, 2001, 44, 481-487.	1.9	230
115	Effects of atmospheric CO2 enrichment on plant constituents related to animal and human health. Environmental and Experimental Botany, 2001, 45, 179-199.	2.0	91
116	Effect of elevated CO2 on monoterpene emission of young Quercus ilex trees and its relation to structural and ecophysiological parameters. Tree Physiology, 2001, 21, 437-445.	1.4	99
117	Intraspecific variability of monoterpene composition emitted by Quercus ilex leaves. Canadian Journal of Forest Research, 2001, 31, 174-180.	0.8	42
118	Automation of Solid-Phase Microextraction-Gas Chromatography-Mass Spectrometry Extraction of Eucalyptus Volatiles. Journal of Chromatographic Science, 2002, 40, 140-146.	0.7	24
119	Differences in Resin Acid Concentration between Brown-Rot Resistant and Susceptible Scots Pine Heartwood. Holzforschung, 2002, 56, 479-486.	0.9	34
120	Cloning and Functional Characterization of a Î²-Pinene Synthase from Artemisia annua That Shows a Circadian Pattern of Expression. Plant Physiology, 2002, 130, 477-486.	2.3	81
121	Linking Deer Browsing and Terpene Production Among Genetic Identities in Chamaecyparis nootkatensis and Thuja plicata (Cupressaceae). , 2002, 93, 370-376.		34
122	Use of California bay foliage by wood rats for possible fumigation of nest-borne ectoparasites. Behavioral Ecology, 2002, 13, 381-385.	1.0	30
123	Secondary Metabolite Concentrations and Terpene Emissions of Scots Pine Xylem after Longâ€Term Forest Fertilization. Journal of Environmental Quality, 2002, 31, 1694-1701.	1.0	31
124	SPME Applied to the Study of Volatile Organic Compounds Emitted by Three Species ofEucalyptusin Situ. Journal of Agricultural and Food Chemistry, 2002, 50, 7199-7205.	2.4	45
125	Needle anatomy changes with increasing tree age in Douglas-fir. Tree Physiology, 2002, 22, 129-136.	1.4	75
126	Concentrations of secondary compounds in Scots pine needles at different stages of decomposition. Soil Biology and Biochemistry, 2002, 34, 37-42.	4.2	109
127	Coriander Essential Oil Composition from Two Genotypes Grown in Different Environmental Conditions. Journal of Agricultural and Food Chemistry, 2002, 50, 2870-2877.	2.4	133
128	Allozyme analysis of host selection by bark beetles in central Mexico. Canadian Journal of Forest Research, 2002, 32, 24-30.	0.8	3

#	Article	IF	Citations
129	Terpenoids in the wood of Scots pine and Norway spruce seedlings exposed to ozone at different nitrogen availability. Canadian Journal of Forest Research, 2002, 32, 2140-2145.	0.8	19
130	Geranyl diphosphate synthase from Abies grandis: cDNA isolation, functional expression, and characterization. Archives of Biochemistry and Biophysics, 2002, 405, 130-136.	1.4	137
131	Strategies for transgenic manipulation of monoterpene biosynthesis in plants. Trends in Plant Science, 2002, 7, 366-373.	4.3	303
132	Structure of Genetic diversity in Abies alba Mill. from southwestern Alps: multivariate analysis of adaptive and non-adaptive traits for conservation in France. Forest Ecology and Management, 2002, 157, 175-189.	1.4	42
133	Defence reactions of Norway spruce against bark beetles and the associated fungus Ceratocystis polonica in secondary pure and mixed species stands. Forest Ecology and Management, 2002, 159, 73-86.	1.4	68
134	The chemical ecology of plantâ€“caterpillarâ€“parasitoid interactions. , 2002, , 148-173.		37
135	Maintenance of cell viability in the biotransformation of (â˜)-carveol with whole cells of Rhodococcus erythropolis. Journal of Molecular Catalysis B: Enzymatic, 2002, 19-20, 389-398.	1.8	40
136	Ultrafast sampling and analysis of plant volatiles by a hand-held miniaturised GC with pre-concentration unit: Kinetic and quantitative aspects of plant volatile production. Journal of Separation Science, 2002, 25, 677-684.	1.3	76
137	Gene expression of 5-epi-aristolochene synthase and formation of capsidiol in roots of Nicotiana attenuata and N. sylvestris. Phytochemistry, 2002, 60, 109-116.	1.4	39
138	The role of monoterpenes in resistance of Douglas fir to western spruce budworm defoliation. Journal of Chemical Ecology, 2002, 28, 897-920.	0.9	44
139	Effect of nitrogen and water treatment on leaf chemistry in horsenettle (Solanum carolinense), and relationship to herbivory by flea beetles (Epitrix spp.) and tobacco hornworm (Manduca sexta). Journal of Chemical Ecology, 2002, 28, 2377-2398.	0.9	37
140	Chemical analysis of volatiles emitted by Pinus sylvestris after induction by insect oviposition. Journal of Chemical Ecology, 2003, 29, 1235-1252.	0.9	125
141	Effects of monoterpenoids, acting alone or in pairs, on seed germination and subsequent seedling growth. Journal of Chemical Ecology, 2003, 29, 2281-2301.	0.9	155
142	Allelochemical Potential of Callicarpa acuminata. Journal of Chemical Ecology, 2003, 29, 2761-2776.	0.9	32
143	Traumatic resin defense in Norway spruce (Picea abies): methyl jasmonate-induced terpene synthase gene expression, and cDNA cloning and functional characterization of (+)-3-carene synthase. Plant Molecular Biology, 2003, 51, 119-133.	2.0	171
144	Patterns of variation and correlation in the monoterpene composition of xylem oleoresin within populations of ponderosa pine. Biochemical Systematics and Ecology, 2003, 31, 451-465.	0.6	49
145	Response of winter crops differing in grain yield and essential oil production to some agronomic practices and environmental gradient in the Rolling Pampa, Argentina. Agriculture, Ecosystems and Environment, 2003, 99, 159-169.	2.5	23
146	Effects of Î±-pinene on the mitochondrial respiration of maize seedlings. Plant Physiology and Biochemistry, 2003, 41, 985-991.	2.8	92

#	Article	IF	Citations
147	Monoterpene levels in needles of Douglas fir exposed to elevated CO2 and temperature. Physiologia Plantarum, 2003, 117, 352-358.	2.6	67
148	Enzymes with extra talents: moonlighting functions and catalytic promiscuity. Current Opinion in Chemical Biology, 2003, 7, 265-272.	2.8	487
149	Decomposition of secondary compounds from needle litter of Scots pine grown under elevated CO2 and O3. Global Change Biology, 2003, 9, 295-304.	4.2	40
150	Solid-Phase Microextraction of Volatile Compounds from the Chopped Leaves of Three Species ofEucalyptus. Journal of Agricultural and Food Chemistry, 2003, 51, 2679-2686.	2.4	38
151	The Evolution of Function in Plant Secondary Metabolites. International Journal of Plant Sciences, 2003, 164, S93-S102.	0.6	284
152	Minimal increase in larval and adult performance of the biological control agent Oxyops vitiosa when fed Melaleuca quinquenervia leaves of different nitrogen levels. Biological Control, 2003, 26, 109-116.	1.4	27
153	Out Of The Quagmire Of Plant Defense Hypotheses. Quarterly Review of Biology, 2003, 78, 23-55.	0.0	967
154	Short-term effect of defoliation on terpene content inThuja plicata. Ecoscience, 2003, 10, 161-167.	0.6	8
155	Characterization of a Root-Specific Arabidopsis Terpene Synthase Responsible for the Formation of the Volatile Monoterpene 1,8-Cineole. Plant Physiology, 2004, 135, 1956-1966.	2.3	207
156	Chapter one Arabidopsis thaliana, a model system for investigating volatile terpene biosynthesis, regulation, and function. Recent Advances in Phytochemistry, 2004, , 1-18.	0.5	4
157	Census of the Bacterial Community of the Gypsy Moth Larval Midgut by Using Culturing and Culture-Independent Methods. Applied and Environmental Microbiology, 2004, 70, 293-300.	1.4	472
158	Resistance to herbivores and fungal pathogens: Variations on a common theme? A review comparing the effect of secondary metabolites, induced and constitutive, on herbivores and fungal pathogens. Israel Journal of Plant Sciences, 2004, 52, 279-292.	0.3	12
159	Organization of Monoterpene Biosynthesis in Mentha. Immunocytochemical Localizations of Geranyl Diphosphate Synthase, Limonene-6-Hydroxylase, Isopiperitenol Dehydrogenase, and Pulegone Reductase. Plant Physiology, 2004, 136, 4215-4227.	2.3	159
160	Olfactory recognition and behavioural avoidance of angiosperm nonhost volatiles by conifer-inhabiting bark beetles. Agricultural and Forest Entomology, 2004, 6, 1-20.	0.7	297
161	Monoterpene and herbivore-induced emissions from cabbage plants grown at elevated atmospheric CO2 concentration. Atmospheric Environment, 2004, 38, 675-682.	1.9	78
162	Significance of Wood Terpenoids in the Resistance of Scots Pine Provenances Against the Old House Borer, Hylotrupes bajulus, and Brown-Rot Fungus, Coniophora puteana. Journal of Chemical Ecology, 2004, 30, 125-141.	0.9	27
163	Characterisation of different clones of Picea abies (L.) Karst using head-space sampling of cortical tissues combined with enantioselective capillary gas chromatography for the separation of chiral and non-chiral monoterpenes. Journal of Chromatography A, 2004, 1034, 183-189.	1.8	23
164	Effects of light intensity and artificial wounding on monoterpene production in Myrica cerifera from two different ecological habitats. Canadian Journal of Botany, 2004, 82, 1501-1508.	1.2	52

#	Article	IF	Citations
165	Terpene deployment in Eucalyptus polybractea; relationships with leafstructure, environmental stresses, and growth. Functional Plant Biology, 2004, 31, 451.	1.1	42
166	Essential oils in infectious gynaecological disease: a statistical study of 658 cases. The International Journal of Essential Oil Therapeutics: Exploring the Bioactivity of Aromatic Plants, 2004, 14, 192-197.	0.7	30
167	Metaâ€analysis of Tradeâ€offs among Plant Antiherbivore Defenses: Are Plants Jacksâ€ofâ€Allâ€Trades, Masters of All?. American Naturalist, 2004, 163, E64-E75.	1.0	256
168	Taphonomy of insects in carbonates and amber. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 203, 19-64.	1.0	258
169	Formation of Monoterpenes in Antirrhinum majus and Clarkia breweri Flowers Involves Heterodimeric Geranyl Diphosphate Synthases. Plant Cell, 2004, 16, 977-992.	3.1	162
170	Cytological Development and Sesquiterpene Lactone Secretion in Capitate Glandular Trichomes of Sunflower. Plant Biology, 2005, 7, 148-155.	1.8	70
171	Does chemical composition of individual Scots pine trees determine the biodiversity of their associated ground vegetation?. Ecology Letters, 2005, 8, 364-369.	3.0	90
172	Herbicidal activity of volatile oils from Eucalyptus citriodora against Parthenium hysterophorus. Annals of Applied Biology, 2005, 146, 89-94.	1.3	115
173	Influence of growth phase on the essential oil composition of Hyptis suaveolens. Biochemical Systematics and Ecology, 2005, 33, 275-285.	0.6	36
174	Maintenance of a narrow host range by Oxyops vitiosa; a biological control agent of Melaleuca quinquenervia. Biochemical Systematics and Ecology, 2005, 33, 365-383.	0.6	35
175	Comparative analysis of the volatiles from flowers and leaves of three Gentiana species. Biochemical Systematics and Ecology, 2005, 33, 938-947.	0.6	38
176	A method for detecting the biosystematic significance of the essential oil composition: The case of five Hellenic Hypericum L. species. Biochemical Systematics and Ecology, 2005, 33, 873-898.	0.6	55
177	Temperature effects on leaf properties, resin content, and composition in Grindelia chiloensis (Asteraceae). Industrial Crops and Products, 2005, 21, 155-163.	2.5	16
178	The evolution of herbal medicine: behavioural perspectives. Animal Behaviour, 2005, 70, 975-989.	0.8	67
179	Nutritional context influences preferences of lambs for foods with plant secondary metabolites. Applied Animal Behaviour Science, 2005, 92, 293-305.	0.8	42
180	Effects of Mechanical Wounding on Essential Oil Composition and Emission of Volatiles from Minthostachys mollis. Journal of Chemical Ecology, 2005, 31, 719-727.	0.9	29
181	Quantitative Variations in the Essential Oil ofMinthostachys mollis(Kunth.) Griseb.in Response to Insects with Different Feeding Habits. Journal of Agricultural and Food Chemistry, 2005, 53, 6903-6906.	2.4	28
182	Analysis of Leaf Surface Sesquiterpenes in Potato Varieties. Journal of Agricultural and Food Chemistry, 2005, 53, 2817-2822.	2.4	32

#	Article	IF	Citations
183	The effect of terpenoid extracts from 15 pine species on the feeding behavioural sequence of the late instars of the pine processionary caterpillar Thaumetopoea pityocampa. Behavioural Processes, 2005, 69, 303-322.	0.5	41
184	Effects of Diterpene Acids on Components of a Conifer Bark Beetleâ€“Fungal Interaction: Tolerance byIps piniand Sensitivity by Its AssociateOphiostoma ips. Environmental Entomology, 2005, 34, 486-493.	0.7	71
185	Scope and Strategies for Regulation of Nitrification in Agricultural Systemsâ€”Challenges and Opportunities. Critical Reviews in Plant Sciences, 2006, 25, 303-335.	2.7	397
187	ALLELOPATHIC ORGANISMS AND MOLECULES: PROMISING BIOREGULATORS FOR THE CONTROL OF PLANT DISEASES, WEEDS, AND OTHER PESTS. , 2006, , 31-78.		17
188	Influence of Plant Material Handling Protocols on Terpenoid Profiles of One-Seed Juniper Saplings. Rangeland Ecology and Management, 2006, 59, 668-673.	1.1	13
189	Defining phytochemical phenotypes: size and shape analysis of phenolic compounds in oaks (Fagaceae,) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	33
190	The extended phenotype of Scots pine Pinus sylvestris structures the understorey assemblage. Ecography, 2006, 29, 451-457.	2.1	25
191	THE GROWTHâ€“DEFENSE TRADE-OFF AND HABITAT SPECIALIZATION BY PLANTS IN AMAZONIAN FORESTS. Ecology, 2006, 87, S150-S162.	1.5	404
192	Solid phase microextraction with gas chromatographyâ€“mass spectrometry: a very rapid method for identification of volatile organic compounds emitted by Carum copticum. Natural Product Research, 2006, 20, 850-859.	1.0	3
193	Beetle attraction to sporocarps and wood infected with mycelia of decay fungi in old-growth spruce forests of northern Sweden. Forest Ecology and Management, 2006, 237, 335-341.	1.4	28
194	Chemotype variation of the weed Melaleuca quinquenervia influences the biomass and fecundity of the biological control agent Oxyops vitiosa. Biological Control, 2006, 36, 121-128.	1.4	34
195	Influence of Plant Material Handling Protocols on Terpenoid Profiles of One-Seed Juniper Saplings. Journal of Range Management, 2006, 59, .	0.3	5
197	The accumulation of terpenoid oils does not incur a growth cost in Eucalyptus polybractea seedlings. Functional Plant Biology, 2006, 33, 497.	1.1	28
198	Effects of four monoterpenes on the growth in vitro of some Heterobasidion spp. and two Leptographium species. Journal of Plant Diseases and Protection, 2006, 113, 164-167.	1.6	10
199	Seasonal contrasting changes of foliar concentrations of terpenes and other volatile organic compound in four dominant species of a Mediterranean shrubland submitted to a field experimental drought and warming. Physiologia Plantarum, 2006, 127, 632-649.	2.6	73
200	Regulation of oil accumulation in single glands of Eucalyptus polybractea. New Phytologist, 2006, 172, 440-451.	3.5	45
201	Positive Interactions: Crucial Organizers in a Plant Community. Journal of Integrative Plant Biology, 2006, 48, 128-136.	4.1	19
202	Practical approaches to plant volatile analysis. Plant Journal, 2006, 45, 540-560.	2.8	494

#	Article	IF	Citations
203	Volatile oil from Guarea macrophylla ssp. tuberculata: Seasonal variation and electroantennographic detection by Hypsipyla grandella. Phytochemistry, 2006, 67, 589-594.	1.4	14
204	Environmental factors influence on chemical polymorphism of the essential oils of Lychnophora ericoides. Phytochemistry, 2006, 67, 2363-2369.	1.4	59
205	Volatile Emissions from Aesculus hippocastanum Induced by Mining of Larval Stages of Cameraria ohridella Influence Oviposition by Conspecific Females. Journal of Chemical Ecology, 2006, 32, 2303-2319.	0.9	24
206	Monoterpene chemodiversity of ponderosa pine in relation to herbivory and bark beetle colonization. Chemoecology, 2006, 16, 51-58.	0.6	37
207	The effect of activated charcoal and number of species offered on intake of Mediterranean shrubs by sheep and goats. Applied Animal Behaviour Science, 2006, 101, 305-317.	0.8	25
208	Biotransformation of terpenes. Biotechnology Advances, 2006, 24, 134-142.	6.0	211
209	Non-terpenoid essential oils fromBursera chemapodicta. Flavour and Fragrance Journal, 2006, 21, 616-618.	1.2	9
210	Chemical Composition and Phytotoxicity of Volatile Essential Oil from Intact and Fallen Leaves of Eucalyptus citriodora. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2006, 61, 465-471.	0.6	69
211	Â-Pinene Inhibits Growth and Induces Oxidative Stress in Roots. Annals of Botany, 2006, 98, 1261-1269.	1.4	241
212	Physical and chemical responses of Sitka spruce (Picea sitchensis) clones to colonization by Heterobasidion annosum as potential markers for relative host susceptibility. Tree Physiology, 2007, 27, 1701-1710.	1.4	16
213	Levels and potential health impacts of nutritionally relevant phytochemicals in organic and conventional food production systems. , 2007, , 297-329.		4
214	Arabidopsis-Insect Interactions. The Arabidopsis Book, 2007, 5, e0107.	0.5	25
215	Composition and Chemical Variability in the Essential Oil ofHyptis marrubioidesEpl.. Journal of Essential Oil Research, 2007, 19, 552-556.	1.3	9
216	Developmental and Feeding Alternations inLeptinotarsa DecemlineataSay. (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biotechnological Equipment, 2007, 21, 426-430.	0.5	15
217	Composition chimique et activitÃ© antimicrobienne de l'essence de tÃ©rÃ©benthine du pin maritime (Pinus pinaster) et du pin d'Alep(Pinus hale- pensis)du Maroc. Acta Botanica Gallica, 2007, 154, 293-300.	0.9	13
218	Identification of the Genotype from the Content and Composition of the Essential Oil of Lemon Verbena (Aloysia citriodora Palau). Journal of Agricultural and Food Chemistry, 2007, 55, 8664-8669.	2.4	41
219	Natural Antimicrobials from Plant Essential Oils. ACS Symposium Series, 2007, , 364-387.	0.5	5
220	Terpene production in the peel of sweet orange fruits. Genetics and Molecular Biology, 2007, 30, 841-847.	0.6	7

#	Article	IF	Citations
221	ColÃ©teres dendrÃ³ides em Alibertia sessilis (Vell.) K. Schum., uma espÃ©cie nÃ£o-nodulada de Rubiaceae. Revista Brasileira De Botanica, 2007, 30, 387-399.	0.5	29
222	Potencial alelopÃ¡tico de duas neolignanas isoladas de folhas de Virola surinamensis (Myristicaceae). Planta Daninha, 2007, 25, 51-59.	0.5	8
223	Plant coexistence alters terpene emission and content of Mediterranean species. Phytochemistry, 2007, 68, 840-852.	1.4	81
224	The function of terpene natural products in the natural world. Nature Chemical Biology, 2007, 3, 408-414.	3.9	1,564
225	Terpene response of Picea abies and Abies alba to infection with Heterobasidion s.l.. Forest Pathology, 2007, 37, 243-250.	0.5	26
226	Monoterpene emissions from rubber trees (Hevea brasiliensis) in a changing landscape and climate: chemical speciation and environmental control. Global Change Biology, 2007, 13, 2270-2282.	4.2	53
227	Seasonal soil VOC exchange rates in a Mediterranean holm oak forest and their responses to drought conditions. Atmospheric Environment, 2007, 41, 2456-2466.	1.9	31
228	Seasonal soil and leaf CO2 exchange rates in a Mediterranean holm oak forest and their responses to drought conditions. Atmospheric Environment, 2007, 41, 2447-2455.	1.9	51
229	Changes in composition of essential oils and volatile emissions of Minthostachys mollis, induced by leaf punctures of Liriomyza huidobrensis. Biochemical Systematics and Ecology, 2007, 35, 68-74.	0.6	17
230	Variation in needle terpenoids among Pinus sylvestris L. (Pinaceae) provenances from Turkey. Biochemical Systematics and Ecology, 2007, 35, 652-661.	0.6	45
231	Volatile Terpenoids of Endophyte-free and Infected Peppermint (Mentha piperita L.): Chemical Partitioning of a Symbiosis. Microbial Ecology, 2007, 54, 685-696.	1.4	47
232	Terpene emission in tissue culture. Plant Cell, Tissue and Organ Culture, 2007, 91, 87-95.	1.2	13
233	Tomato linalool synthase is induced in trichomes by jasmonic acid. Plant Molecular Biology, 2007, 64, 251-263.	2.0	185
234	Assessment and Implications of Intraspecific and Phenological Variability in Monoterpenes of Scots Pine (Pinus sylvestris) Foliage. Journal of Chemical Ecology, 2007, 33, 477-491.	0.9	46
235	The role of genetic and chemical variation of Pinus sylvestris seedlings in influencing slug herbivory. Oecologia, 2007, 152, 82-91.	0.9	25
236	Influence of Elevated Carbon Dioxide and Ozone on the Foliar Nonvolatile Terpenoids in Ginkgo Biloba. Bulletin of Environmental Contamination and Toxicology, 2008, 81, 432-435.	1.3	5
237	Phenolic compounds and terpenes in soil organic horizon layers under silver birch, Norway spruce and Scots pine. Biology and Fertility of Soils, 2008, 44, 547-556.	2.3	100
238	Methyl jasmonate does not induce changes in Eucalyptus grandis leaves that alter the effect of constitutive defences on larvae of a specialist herbivore. Oecologia, 2008, 156, 847-859.	0.9	43

#	Article	IF	Citations
239	Rapid determination of floral aroma compounds of lilac blossom by fast gas chromatography combined with surface acoustic wave sensor. Journal of Chromatography A, 2008, 1183, 170-178.	1.8	36
240	PHYTOPHAGOUS INSECTâ€“MICROBE MUTUALISMS AND ADAPTIVE EVOLUTIONARY DIVERSIFICATION. Evolution; International Journal of Organic Evolution, 2008, 62, 997-1012.	1.1	206
241	Local adaptation to biotic factors: reciprocal transplants of four species associated with aromatic Thymus pulegioides and T. serpyllum. Journal of Ecology, 2008, 96, 981-992.	1.9	57
242	Volatile organic compound (VOC) emissions from soil and litter samples. Soil Biology and Biochemistry, 2008, 40, 1629-1636.	4.2	199
243	Constitutive Secondary Plant Metabolites and Soil Fungi: Defense Against or Facilitation of Diversity. Soil Biology, 2008, , 207-239.	0.6	0
244	Secondary Metabolites in Soil Ecology. Soil Biology, 2008, , .	0.6	13
245	Induction of glandular and non-glandular trichomes by damage in leaves of Madia sativa under contrasting water regimes. Acta Oecologica, 2008, 33, 128-132.	0.5	71
246	Profiling gibberellin (GA3)-responsive genes in mature mandarin fruit using a citrus 22K oligoarray. Scientia Horticulturae, 2008, 116, 291-298.	1.7	26
247	Eucalyptus essential oil as a natural pesticide. Forest Ecology and Management, 2008, 256, 2166-2174.	1.4	592
248	Hybridization Affects Seasonal Variation of Phytochemical Phenotypes in an Oak Hybrid Complex (Quercus gambelii Ã— Quercus grisea). International Journal of Plant Sciences, 2008, 169, 567-578.	0.6	7
249	Terpenoids: Opportunities for Biosynthesis of Natural Product Drugs Using Engineered Microorganisms. Molecular Pharmaceutics, 2008, 5, 167-190.	2.3	363
250	TRPA1 Mediates the Noxious Effects of Natural Sesquiterpene Deterrents. Journal of Biological Chemistry, 2008, 283, 24136-24144.	1.6	81
251	Docking of tryptophan analogs to trytophanyl-tRNA synthetase: implications for non-canonical amino acid incorporations. Biological Chemistry, 2008, 389, 1173-1182.	1.2	9
252	Seasonal Influence on the Essential Oil Compositions ofEucalyptus urophyllaS. T. Blake andE. grandisW. Hill ex Maiden from Brazilian Cerrado. Journal of Essential Oil Research, 2008, 20, 555-560.	1.3	5
253	Contrasting Speciesâ€Specific, Compoundâ€Specific, Seasonal, and Interannual Responses of Foliar Isoprenoid Emissions to Experimental Drought in a Mediterranean Shrubland. International Journal of Plant Sciences, 2008, 169, 637-645.	0.6	33
254	Defensive behavior and chemical deterrence against ants in the stingless bee genus Trigona (Apidae,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	38
255	Limonene - a Review: Biosynthetic, Ecological and Pharmacological Relevance. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	63
256	Atividade potencialmente alelopÃ¡tica do Ã³leo essencial de Ocimum americanum. Planta Daninha, 2009, 27, 499-505.	0.5	18

#	Article	IF	Citations
257	Biological nitrification inhibition (BNI)-Is there potential for genetic interventions in the Triticeae?. Breeding Science, 2009, 59, 529-545.	0.9	47
258	Factors Affecting Chemical Variability of Essential Oils: A Review of Recent Developments. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	118
259	EtnobotÃ¡nica, anatomÃa y caracterizaciÃ³n fÃsico-quÃmica del aceite esencial de Baccharis obovata Hook. et Arn. (Asteraceae: Astereae). Acta Botanica Brasilica, 2009, 23, 578-589.	0.8	27
260	Germacrene D, A Common Sesquiterpene in the Genus Bursera (Burseraceae). Molecules, 2009, 14, 5289-5297.	1.7	46
261	Defining the Potassium Binding Region in an Apple Terpene Synthase. Journal of Biological Chemistry, 2009, 284, 8661-8669.	1.6	36
262	Phytotoxic effects of essential oils ofNepeta curvifloraBoiss. andNepeta nudaL. subsp.albifloragrowing wild in Lebanon. Journal of Plant Interactions, 2009, 4, 253-259.	1.0	28
263	A new proposal concerning the botanical origin of Baltic amber. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3403-3412.	1.2	110
264	Seasonal changes in one seed juniper intake by sheep and goats in relation to dietary protein and plant secondary metabolites. Small Ruminant Research, 2009, 81, 152-162.	0.6	34
265	Effect of growth stage on the content and composition of the essential oil and phenolic fraction of sweet marjoram (Origanum majorana L.). Industrial Crops and Products, 2009, 30, 395-402.	2.5	184
266	Changes of main secondary metabolites in leaves of Ginkgo biloba in response to ozone fumigation. Journal of Environmental Sciences, 2009, 21, 199-203.	3.2	42
267	Antimalarial activity of compounds and mixed fractions of Cecropia pachystachya. Drug Development Research, 2010, 71, 82-91.	1.4	18
268	Beyond six scents: defining a seventh Thymus vulgaris chemotype new to southern France by ethanol extraction. Flavour and Fragrance Journal, 2009, 24, 117-122.	1.2	63
269	Metabolite analysis in Curcuma domestica using various GCâ€MS and LCâ€MS separation and detection techniques. Biomedical Chromatography, 2009, 23, 951-965.	0.8	42
270	QCM sensor array for monitoring terpene emissions from odoriferous plants. Monatshefte FÃ¼r Chemie, 2009, 140, 947-952.	0.9	22
271	Repellent activity of alligator pepper, Aframomum melegueta, and ginger, Zingiber officinale, against the maize weevil, Sitophilus zeamais. Phytochemistry, 2009, 70, 751-758.	1.4	65
272	Identification of volatile compounds released by roots of an invasive plant, bitou bush (Chrysanthemoides monilifera spp. rotundata), and their inhibition of native seedling growth. Biological Invasions, 2009, 11, 275-287.	1.2	89
273	Evidence for allelopathy as a mechanism of community composition change by an invasive exotic shrub, Chrysanthemoides monilifera spp. rotundata. Plant and Soil, 2009, 316, 125-137.	1.8	45
274	Biogenic volatile organic compounds from an invasive species: impacts on plantâ€“plant interactions. Plant Ecology, 2009, 203, 195-205.	0.7	37

#	Article	IF	Citations
275	Essential Oil of Artemisia scoparia Inhibits Plant Growth by Generating Reactive Oxygen Species and Causing Oxidative Damage. Journal of Chemical Ecology, 2009, 35, 154-162.	0.9	125
276	Drought, warming and soil fertilization effects on leaf volatile terpene concentrations in Pinus halepensis and Quercus ilex. Acta Physiologiae Plantarum, 2009, 31, 207-218.	1.0	105
277	Diversity, regulation, and genetic manipulation of plant mono- and sesquiterpenoid biosynthesis. Cellular and Molecular Life Sciences, 2009, 66, 3043-3052.	2.4	90
278	Differing acceptance of familiar and unfamiliar plant species by an oligophagous beetle. Entomologia Experimentalis Et Applicata, 2009, 131, 189-199.	0.7	20
280	Proton-Transfer Reaction Mass Spectrometry. Chemical Reviews, 2009, 109, 861-896.	23.0	612
281	Induction of secondary metabolism in grape cell cultures by jasmonates. Functional Plant Biology, 2009, 36, 323.	1.1	69
282	Photocatalytic removal of monoterpenes in the gas phase. Activity and regeneration. Green Chemistry, 2009, 11, 966.	4.6	8
283	The comparative toxicity to soil invertebrates of natural chemicals and their synthetic analogues. Chemosphere, 2009, 76, 345-352.	4.2	6
284	The influence of ontogeny on essential oil traits when micropropagating Eucalyptus polybractea. Forest Ecology and Management, 2009, 258, 650-656.	1.4	11
285	Phytochemical diversity: The sounds of silent metabolism. Plant Science, 2009, 176, 161-169.	1.7	101
286	Genomics of Secondary Metabolism inPopulus: Interactions with Biotic and Abiotic Environments. Critical Reviews in Plant Sciences, 2009, 28, 375-392.	2.7	98
287	Every plant for himself; the effect of a phenolic monoterpene on germination and biomass of Thymus pulegioides and T. serpyllum. Nordic Journal of Botany, 2009, 27, 149-153.	0.2	2
288	Amyris and Siam-wood Essential Oils: Insect Activity of Sesquiterpenes. ACS Symposium Series, 2010, , 5-18.	0.5	6
289	Hybrid isoprenoid secondary metabolite production in terrestrial and marine actinomycetes. Current Opinion in Biotechnology, 2010, 21, 794-800.	3.3	52
290	Genetic variation for sensitivity to a thyme monoterpene in associated plant species. Oecologia, 2010, 162, 1017-1025.	0.9	32
291	Direct and Indirect Effects of Invasive Plants on Soil Chemistry and Ecosystem Function. Journal of Chemical Ecology, 2010, 36, 59-69.	0.9	267
292	Tick repellents: Past, present, and future. Pesticide Biochemistry and Physiology, 2010, 96, 63-79.	1.6	158
293	Sites of synthesis, biochemistry and functional role of plant volatiles. South African Journal of Botany, 2010, 76, 612-631.	1.2	249

#	Article	IF	Citations
294	Systemin and jasmonic acid regulate constitutive and herbivore-induced systemic volatile emissions in tomato, Solanum lycopersicum. Phytochemistry, 2010, 71, 2024-2037.	1.4	90
295	Separation of attogram terpenes by the capillary zone electrophoresis with fluorometric detection. Journal of Chromatography A, 2010, 1217, 7288-7292.	1.8	1
296	Terpenoid profiles of in vitro regenerated Artemisia petrosa subsp. eriantha (Apennines' genepÃ¬)[*]. Annals of Applied Biology, 2010, 157, 309-316.	1.3	9
297	Microbial nitrate-dependent cyclohexane degradation coupled with anaerobic ammonium oxidation. ISME Journal, 2010, 4, 1290-1301.	4.4	54
298	Photosynthesis and assimilate partitioning between carbohydrates and isoprenoid products in vegetatively active and dormant guayule: physiological and environmental constraints on rubber accumulation in a semiarid shrub. Physiologia Plantarum, 2010, 140, 368-379.	2.6	13
299	The Antigerminative Activity of Twenty-Seven Monoterpenes. Molecules, 2010, 15, 6630-6637.	1.7	167
301	Behavioural and electrophysiological responses of the European corn borer Ostrinia nubilalis to host-plant volatiles and related chemicals. Physiological Entomology, 2010, 35, 354-363.	0.6	34
302	Variable Chemistry and Herbivory of Ponderosa Pine Cones. International Journal of Plant Sciences, 2010, 171, 293-302.	0.6	17
303	Biochemistry of Terpenoids: Monoterpenes, Sesquiterpenes and Diterpenes. , 0, , 258-303.		67
304	Burseraceae. , 2010, , 76-104.		17
305	Sesquiterpenoid Emissions from Agricultural Crops: Correlations to Monoterpenoid Emissions and Leaf Terpene Content. Environmental Science & Technology, 2010, 44, 3758-3764.	4.6	46
306	Ultraviolet-B and Photosynthetically Active Radiation Interactively Affect Yield and Pattern of Monoterpenes in Leaves of Peppermint (Mentha Ã— piperita L.). Journal of Agricultural and Food Chemistry, 2010, 58, 7361-7367.	2.4	51
307	Allelopathic Cover Crop Prior to Seeding Is More Important Than Subsequent Grazing/Mowing in Grassland Establishment. Rangeland Ecology and Management, 2011, 64, 291-300.	1.1	22
308	Flowering Plants. Eudicots. , 2011, , .		43
309	Role of Cereal Secondary Metabolites Involved in Mediating the Outcome of Plant-Pathogen Interactions. Metabolites, 2011, 1, 64-78.	1.3	55
310	Secretory structures of leaves of Ophryosporus Meyen (Asteraceae, Eupatorieae), a genus with medicinal properties1. Journal of the Torrey Botanical Society, 2011, 138, 391-399.	0.1	7
312	Chemical constituents of the essential oil from Syzygium cordatum (Myrtaceae). African Journal of Biotechnology, 2011, 10, 2741-2745.	0.3	19
313	Lower P contents and more widespread terpene presence in old Bornean than in young Hawaiian tropical plant species guilds. Ecosphere, 2011, 2, art45.	1.0	14

#	Article	IF	Citations
314	Taming THC: potential cannabis synergy and phytocannabinoidâ€terpenoid entourage effects. British Journal of Pharmacology, 2011, 163, 1344-1364.	2.7	1,102
315	Incidence of Fungal Necrotrophic and Biotrophic Pathogens in Pioneer and Shade-tolerant Tropical Rain Forest Trees. Biotropica, 2011, 43, 604-611.	0.8	2
316	Assessing the evidence for latitudinal gradients in plant defence and herbivory. Functional Ecology, 2011, 25, 380-388.	1.7	320
317	Attraction of Phlebotomus papatasi to common fruit in the field. Journal of Vector Ecology, 2011, 36, S206-S211.	0.5	12
318	Potential allelopathic effects of volatile oils from Descurainia sophia (L.) Webb ex Prantl on wheat. Biochemical Systematics and Ecology, 2011, 39, 56-63.	0.6	29
319	The foliar chemical profile of criollo avocado, Persea americana var. drymifolia (Lauraceae), and its relationship with the incidence of a gall-forming insect, Trioza anceps (Triozidae). Biochemical Systematics and Ecology, 2011, 39, 102-111.	0.6	16
320	Intraspecific plant chemical diversity and its relation to herbivory. Oecologia, 2011, 166, 175-186.	0.9	75
321	Influence of diterpenes (colophony and abietic acid) and a triterpene (beta-sitosterol) on net N mineralization, net nitrification, soil respiration, and microbial biomass in birch soil. Biology and Fertility of Soils, 2011, 47, 715-720.	2.3	13
322	Efficacy of essential oils of Lippia alba (Mill.) N.E. Brown and Callistemon lanceolatus (Sm.) Sweet and their major constituents on mortality, oviposition and feeding behaviour of pulse beetle, Callosobruchus chinensis L.. Journal of the Science of Food and Agriculture, 2011, 91, n/a-n/a.	1.7	31
323	Do multiple herbivores maintain chemical diversity of Scots pine monoterpenes?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1337-1345.	1.8	60
324	Citrus limonoids interfere with Vibrio harveyi cellâ€“cell signalling and biofilm formation by modulating the response regulator LuxO. Microbiology (United Kingdom), 2011, 157, 99-110.	0.7	91
325	Genomic Insights into the Origin of Parasitism in the Emerging Plant Pathogen Bursaphelenchus xylophilus. PLoS Pathogens, 2011, 7, e1002219.	2.1	351
326	Regulation of Isoprene and Monoterpene Emission. , 2012, , 139-153.		2
327	Chemical Composition of Essential Oils of Litsea cubeba Harvested from Its Distribution Areas in China. Molecules, 2012, 17, 7057-7066.	1.7	91
328	Efficacy of Plant-Derived and Synthetic Compounds on Clothing as Repellents AgainstIxodes scapularisandAmblyomma americanum(Acari: Ixodidae). Journal of Medical Entomology, 2012, 49, 101-106.	0.9	68
329	Variation in concentrations of major bioactive compounds in Prunella vulgaris L. related to plant parts and phenological stages. Biological Research, 2012, 45, 171-175.	1.5	43
330	Plant secondary metabolite polymorphisms and the extended chemical phenotype. , 2012, , 247-268.		7
331	The impact of winter flooding with saline water on foliar carbon uptake and the volatile fraction of leaves and fruits of lemon (CitrusÃ—limon) trees. Functional Plant Biology, 2012, 39, 199.	1.1	15

#	Article	IF	Citations
332	The Effect of Camphor and Borneol on Rat Thymocyte Viability and Oxidative Stress. Molecules, 2012, 17, 10258-10266.	1.7	33
333	Modification of Fatty Acid, Essential Oil and Phenolic Contents of Saltâ€Treated Sweet Marjoram (Origanum majorana L.) According to Developmental Stage. Journal of Food Science, 2012, 77, C1047-54.	1.5	8
334	Biological Nitrification Inhibitionâ€"A Novel Strategy to Regulate Nitrification in Agricultural Systems. Advances in Agronomy, 2012, , 249-302.	2.4	119
335	Seasonal changes in the daily emission rates of terpenes by Quercus ilex and the atmospheric concentrations of terpenes in the natural park of Montseny, NE Spain. Journal of Atmospheric Chemistry, 2012, 69, 215-230.	1.4	25
336	Dendroid colleters on vegetative and reproductive apices in Alibertia sessilis (Rubiaceae) differ in ultrastructure and secretion. Flora: Morphology, Distribution, Functional Ecology of Plants, 2012, 207, 868-877.	0.6	22
337	HPTLC fingerprinting analysis of Evolvulus alsinoides (L.) L.. Journal of Acute Medicine, 2012, 2, 77-82.	0.2	27
338	Accumulation of constitutive diterpenoids in the rhytidome and secondary phloem of the branch bark of Larix gmelinii var. japonica. Journal of Wood Science, 2012, 58, 437-445.	0.9	9
339	Improved Resolution of Hydrocarbon Structures and Constitutional Isomers in Complex Mixtures Using Gas Chromatography-Vacuum Ultraviolet-Mass Spectrometry. Analytical Chemistry, 2012, 84, 2335-2342.	3.2	101
340	A raison dâ€™Ãªtre for two distinct pathways in the early steps of plant isoprenoid biosynthesis?. Progress in Lipid Research, 2012, 51, 95-148.	5.3	310
341	Plant Defense Against Herbivores: Chemical Aspects. Annual Review of Plant Biology, 2012, 63, 431-450.	8.6	1,169
342	Molecular cloning and characterization of (+)-epi-Î±-bisabolol synthase, catalyzing the first step in the biosynthesis of the natural sweetener, hernandulcin, in Lippia dulcis. Archives of Biochemistry and Biophysics, 2012, 527, 37-44.	1.4	42
343	Plant toxins and trophic cascades alter fire regime and succession on a boreal forest landscape. Ecological Modelling, 2012, 244, 79-92.	1.2	34
344	Distribution and carbon isotope patterns of diterpenoids and triterpenoids in modern temperate C3 trees and their geochemical significance. Geochimica Et Cosmochimica Acta, 2012, 85, 342-356.	1.6	47
345	Prokaryotes in salt marsh sediments of Ria de Aveiro: Effects of halophyte vegetation on abundance and diversity. Estuarine, Coastal and Shelf Science, 2012, 110, 61-68.	0.9	24
346	Isolimonic acid interferes with Escherichia coli O157:H7 biofilm and TTSS in QseBC and QseA dependent fashion. BMC Microbiology, 2012, 12, 261.	1.3	45
347	Response of Sunflower (Helianthus annuus L.) Leaf Surface Defenses to Exogenous Methyl Jasmonate. PLoS ONE, 2012, 7, e37191.	1.1	23
348	Posidonia oceanica and Zostera marina as Potential Biomarkers of Heavy Metal Contamination in Coastal Systems. , 2012, , .		7
349	The Impact of Induced Plant Volatiles on Plant-Arthropod Interactions. , 2012, , 15-73.		5

#	Article	IF	Citations
350	Flavonoid Metabolites in the Hemolymph of European Pine Sawfly (Neodiprion sertifer) Larvae. Journal of Chemical Ecology, 2012, 38, 538-546.	0.9	5
351	The major volatile organic compound emitted from Arabidopsis thaliana flowers, the sesquiterpene (E)â€Îºâ€caryophyllene, is a defense against a bacterial pathogen. New Phytologist, 2012, 193, 997-1008.	3.5	408
352	Function of defensive volatiles in pedunculate oak (Quercus robur) is tricked by the moth Tortrix viridana. Plant, Cell and Environment, 2012, 35, 2192-2207.	2.8	80
353	Nitrogen transformations in boreal forest soilsâ€"does composition of plant secondary compounds give any explanations?. Plant and Soil, 2012, 350, 1-26.	1.8	109
354	Hemlock Woolly Adelgid and Elongate Hemlock Scale Induce Changes in Foliar and Twig Volatiles of Eastern Hemlock. Journal of Chemical Ecology, 2013, 39, 1090-1100.	0.9	23
355	Transcriptome exploration of the sex pheromone gland of Lutzomyia longipalpis (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	19
356	Peroxisomes and their Key Role in Cellular Signaling and Metabolism. Sub-Cellular Biochemistry, 2013, , .	1.0	17
357	Differential patterns of mono- and sesquiterpenes with leaf ontogeny influence pharmaceutical oil yield in Eucalyptus polybractea R.T. Baker. Trees - Structure and Function, 2013, 27, 511-521.	0.9	6
358	Calamintha nepeta L. (Savi) as source of phytotoxic compounds: bio-guided fractionation in identifying biological active molecules. Acta Physiologiae Plantarum, 2013, 35, 1979-1988.	1.0	27
359	Differences in shoot and root terpenoid profiles and plant responses to fertilisation in Tanacetum vulgare. Phytochemistry, 2013, 96, 123-131.	1.4	25
360	Foliar terpene chemistry of Pinus pinaster and P. radiata responds differently to Methyl Jasmonate and feeding by larvae of the pine processionary moth. Forest Ecology and Management, 2013, 310, 935-943.	1.4	7
361	Potential response of soil processes to diterpenes, triterpenes and tannins: Nitrification, growth of microorganisms and precipitation of proteins. Applied Soil Ecology, 2013, 67, 47-52.	2.1	31
362	Principles of herbal pharmacology. , 2013, , 17-82.		12
363	Diversity and expression of P450 genes from Dendroctonus valens LeConte (Curculionidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 417-432.	1.2	48
365	Terpenes: Chemistry, Biological Role, and Therapeutic Applications. , 2013, , 2665-2691.		49
366	Neopierisoids A and B, Two New Chlorinated 3,4-seco-Grayanane Diterpenoids with Antifeedant Activity from Flowers of Pieris japonica. Journal of Agricultural and Food Chemistry, 2013, 61, 7219-7224.	2.4	14
367	Volatile profiles of fungi â€“ Chemotyping of species and ecological functions. Fungal Genetics and Biology, 2013, 54, 25-33.	0.9	150
368	Seasonal variations in terpene emission factors of dominant species in four ecosystems in NE Spain. Atmospheric Environment, 2013, 70, 149-158.	1.9	33

#	Article	IF	Citations
369	The Lodgepole Ã— Jack Pine Hybrid Zone in Alberta, Canada: A Stepping Stone for the Mountain Pine Beetle on its Journey East Across the Boreal Forest?. Journal of Chemical Ecology, 2013, 39, 1209-1220.	0.9	32
370	Role of Plant Peroxisomes in Protection Against Herbivores. Sub-Cellular Biochemistry, 2013, 69, 315-328.	1.0	7
371	CaracterÃsticas fÃsicas, composiÃ§Ã£o quÃmico-nutricional e dos Ã³leos essenciais da polpa de Caryocar brasiliense nativo do estado de Mato Grosso. Revista Brasileira De Fruticultura, 2013, 35, 1127-1139.	0.2	28
372	Specifically Expressed Genes of the Nematode Bursaphelenchus Xylophilus Involved with Early Interactions with Pine Trees. PLoS ONE, 2013, 8, e78063.	1.1	27
373	Biological and Chemical Diversity of Biogenic Volatile Organic Emissions into the Atmosphere. ISRN Atmospheric Sciences, 2013, 2013, 1-27.	0.4	57
374	A Water-Soluble Inclusion Complex of Pedunculoside with the Polymer Î²-Cyclodextrin: A Novel Anti-Inflammation Agent with Low Toxicity. PLoS ONE, 2014, 9, e101761.	1.1	26
375	Genetically based latitudinal variation in Artemisia californica secondary chemistry. Oikos, 2014, 123, 953-963.	1.2	56
376	Next generation sequencing unravels the biosynthetic ability of Spearmint (Mentha spicata) peltate glandular trichomes through comparative transcriptomics. BMC Plant Biology, 2014, 14, 292.	1.6	64
377	Phytonutrients as therapeutic agents. Journal of Complementary and Integrative Medicine, 2014, 11, 151-169.	0.4	111
378	Essential Oil as a Source of Bioactive Constituents for the Control of Insect Pests of Economic Importance in Tunisia. , 2014, 03, .		10
379	Chemical diversity among populations of Mikania micrantha: geographic mosaic structure and herbivory. Oecologia, 2014, 174, 195-203.	0.9	20
380	Influence of abiotic stresses on plant proteome and metabolome changes. Acta Physiologiae Plantarum, 2014, 36, 1-19.	1.0	263
381	Phytotoxic effects of volatile organic compounds in soil water taken from a Eucalyptus urophylla plantation. Plant and Soil, 2014, 377, 203-215.	1.8	29
382	Enhanced levels of S-linalool by metabolic engineering of the terpenoid pathway in spike lavender leaves. Metabolic Engineering, 2014, 23, 136-144.	3.6	43
383	Photosynthetic capacity and terpene production in populations of Lippia graveolens (Mexican) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Products, 2014, 57, 1-9.	2.5	7
384	Expression of Terpenoids 1, a glandular trichome-specific transcription factor from tomato that activates the terpene synthase 5 promoter. Plant Molecular Biology, 2014, 84, 345-357.	2.0	45
385	An allelopathic plant facilitates species richness in the <scp>M</scp>editerranean garrigue. Journal of Ecology, 2014, 102, 176-185.	1.9	32
386	Exploring plant defense theory in tall goldenrod, Solidago altissima. New Phytologist, 2014, 202, 1357-1370.	3.5	43

#	Article	IF	Citations
387	Advances in Plant Biopesticides. , 2014, , .		32
388	Terpene Down-Regulation Triggers Defense Responses in Transgenic Orange Leading to Resistance against Fungal Pathogens Â. Plant Physiology, 2014, 164, 321-339.	2.3	60
389	Evaluating Insect-Microbiomes at the Plant-Insect Interface. Journal of Chemical Ecology, 2014, 40, 836-847.	0.9	36
390	Essential oils from two Eucalyptus from Tunisia and their insecticidal action on Orgyia trigotephras (Lepidotera, Lymantriidae). Biological Research, 2014, 47, 29.	1.5	16
391	Seasonal variations of lipophilic compounds in needles of two chemotypes of Pinus pinaster Ait.. Plant Systematics and Evolution, 2014, 300, 359-367.	0.3	9
392	The Mono - and Sesquiterpene Content of Aphid-Induced Galls on Pistacia palaestina is Not a Simple Reflection of Their Composition in Intact Leaves. Journal of Chemical Ecology, 2014, 40, 632-642.	0.9	26
393	Radiolytically depolymerized sodium alginate improves physiological activities, yield attributes and composition of essential oil of Eucalyptus citriodora Hook. Carbohydrate Polymers, 2014, 112, 134-144.	5.1	36
394	Manganese treatment effects on terpene compounds of Cuminum cyminum flowers. Industrial Crops and Products, 2014, 53, 65-70.	2.5	13
395	Marine Sponge Derived Natural Products between 2001 and 2010: Trends and Opportunities for Discovery of Bioactives. Marine Drugs, 2014, 12, 4539-4577.	2.2	332
396	Effects of Juniperus species and stage of maturity on nutritional, in vitro digestibility, and plant secondary compound characteristics. Journal of Animal Science, 2015, 93, 4034-4047.	0.2	14
397	Essentialâ€Oil Variability of Juniperus deltoides R.P.<scp>Adams</scp> along the East Adriatic Coast â€“ How Many Chemotypes Are There?. Chemistry and Biodiversity, 2015, 12, 82-95.	1.0	13
398	Essential oils as soil biofumigants for the control of the root-knot nematodeMeloidogyne incognitaon tomato. Annals of Applied Biology, 2015, 167, 217-224.	1.3	33
399	The Scope for Using the Volatile Profiles ofPinus caribaeavar.bahamensisas Indicators of Susceptibility to Pine Tortoise Scale and as Predictors of Environmental Stresses. Chemistry and Biodiversity, 2015, 12, 652-661.	1.0	2
400	Ectomycorrhizal fungi mediate indirect effects of a bark beetle outbreak on secondary chemistry and establishment of pine seedlings. New Phytologist, 2015, 208, 904-914.	3.5	50
401	Relationship between Soil and Essential Oil Profiles in Salvia desoleana Populations: Preliminary Results. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	10
402	Plant Chemical Defenses: Are all Constitutive Antimicrobial Metabolites Phytoanticipins?. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	19
403	Volatile organic compounds as non-invasive markers for plant phenotyping. Journal of Experimental Botany, 2015, 66, 5403-5416.	2.4	103
404	Substrate geometry controls the cyclization cascade in multiproduct terpene synthases from Zea mays. Organic and Biomolecular Chemistry, 2015, 13, 6021-6030.	1.5	5

#	Article	IF	Citations
405	Monoterpenes and higher terpenes may inhibit enzyme activities in boreal forest soil. Soil Biology and Biochemistry, 2015, 87, 59-66.	4.2	33
406	Trichome differentiation on leaf primordia of Helianthus annuus (Asteraceae): morphology, gene expression and metabolite profile. Planta, 2015, 241, 837-846.	1.6	28
407	Plant-Growth-Promoting Rhizobacteria (PGPR) and Medicinal Plants. Soil Biology, 2015, , .	0.6	24
408	Inhibitory and toxic effects of extracellular selfâ€‹scp›DNA‹/scp› in litter: a mechanism for negative plantâ€“soil feedbacks?. New Phytologist, 2015, 205, 1195-1210.	3.5	161
409	Colonization of Solidago altissima by the Specialist Aphid Uroleucon nigrotuberculatum: Effects of Genetic Identity and Leaf Chemistry. Journal of Chemical Ecology, 2015, 41, 129-138.	0.9	14
410	Screening and identification of phytotoxic volatile compounds in medicinal plants and characterizations of a selected compound, eucarvone. Protoplasma, 2015, 252, 1047-1059.	1.0	24
411	Functional Annotation of the Ophiostoma novo-ulmi Genome: Insights into the Phytopathogenicity of the Fungal Agent of Dutch Elm Disease. Genome Biology and Evolution, 2015, 7, 410-430.	1.1	56
412	Enantiospecific responses of southern pine beetle (Dendroctonus frontalis) and its clerid predator, Thanasimus dubius, to Î±-pinene. Chemoecology, 2015, 25, 73-83.	0.6	17
413	Systemic Induction of Secondary Metabolite Biosynthesis in Medicinal Aromatic Plants Mediated by Rhizobacteria. Soil Biology, 2015, , 263-285.	0.6	6
414	Pine monoterpene deterrence of pine processionary moth oviposition. Urban Forestry and Urban Greening, 2015, 14, 538-543.	2.3	4
415	Repellent Effect and Metabolite Volatile Profile of the Essential Oil of Achillea millefolium Against Aegorhinus nodipennis (Hope) (Coleoptera: Curculionidae). Neotropical Entomology, 2015, 44, 279-285.	0.5	20
416	Origin and sedimentary fate of plant-derived terpenoids in a small river catchment and implications for terpenoids as quantitative paleovegetation proxies. Organic Geochemistry, 2015, 82, 22-32.	0.9	25
417	Inhibition of a multiproduct terpene synthase from Medicago truncatula by 3-bromoprenyl diphosphates. Organic and Biomolecular Chemistry, 2015, 13, 4776-4784.	1.5	4
418	Toward a photosynthetic microbial platform for terpenoid engineering. Photosynthesis Research, 2015, 123, 265-284.	1.6	78
419	Herbal Extracts â€“ Possibility of Preventing Food-Borne Infection. , 2016, , .		0
420	BVOC emissions from English oak (<i>Quercus robur</i>) and European beech (<i>Fagus sylvatica</i>) along a latitudinal gradient. Biogeosciences, 2016, 13, 6067-6080.	1.3	23
421	Essential Oils for Arthropod Pest Management in Agricultural Production Systems. , 2016, , 61-70.		21
422	Chemical Variability and Biological Activities of Eucalyptus spp. Essential Oils. Molecules, 2016, 21, 1671.	1.7	111

#	Article	IF	Citations
423	Arbuscular mycorrhizal fungi: effects on plant terpenoid accumulation. Plant Biology, 2016, 18, 552-562.	1.8	37
424	Follow your nose: leaf odour as an important foraging cue for mammalian herbivores. Oecologia, 2016, 182, 643-651.	0.9	28
425	Genetic and Genomic Tools forCannabis sativa. Critical Reviews in Plant Sciences, 2016, 35, 364-377.	2.7	70
426	The conifer biomarkers dehydroabietic and abietic acids are widespread in Cyanobacteria. Scientific Reports, 2016, 6, 23436.	1.6	36
427	Plant extracts to control ticks of veterinary and medical importance: A review. South African Journal of Botany, 2016, 105, 178-193.	1.2	75
428	Des-A-lupane in an East African lake sedimentary record as a new proxy for the stable carbon isotopic composition of C3 plants. Organic Geochemistry, 2016, 101, 132-139.	0.9	13
429	On the Presence of Uncommon Stylar Glandular Trichomes in Asteraceae: A Study in Kaunia R.M. King and H. Rob. (Oxylobinae, Eupatorieae). International Journal of Plant Sciences, 2016, 177, 760-770.	0.6	4
430	Essential oil profiling in callus of some wild and cultivated Daucus genotypes. Industrial Crops and Products, 2016, 94, 848-855.	2.5	7
431	Essential Oil Composition of Centaurea atropurpurea and Centaurea orientalis Inflorescences from the Central Balkans â€“ Ecological Significance and Taxonomic Implications. Chemistry and Biodiversity, 2016, 13, 1221-1229.	1.0	7
432	Hapmnioides Aâ€“C, Rearranged Labdane-Type Diterpenoids from the Chinese Liverwort Haplomitrium mnioides. Organic Letters, 2016, 18, 4274-4276.	2.4	16
434	Do white spruce epicuticular wax monoterpenes follow foliar patterns?. Canadian Journal of Forest Research, 2016, 46, 1051-1058.	0.8	8
435	Plant secondary metabolites: a key driver of litter decomposition and soil nutrient cycling. Journal of Ecology, 2016, 104, 1527-1541.	1.9	222
436	Volatile and Within-Needle Terpene Changes to Douglas-fir Trees Associated With Douglas-fir Beetle (Coleoptera: Curculionidae) Attack. Environmental Entomology, 2016, 45, 920-929.	0.7	12
437	Impact of summer drought on isoprenoid emissions and carbon sink of three Scots pine provenances. Tree Physiology, 2016, 36, 1382-1399.	1.4	14
438	Competitor relatedness, indirect soil effects and plant coexistence. Journal of Ecology, 2016, 104, 1126-1135.	1.9	34
439	Foliar phase changes are coupled with changes in storage and biochemistry of monoterpenoids in western redcedar (Thuja plicata). Trees - Structure and Function, 2016, 30, 1361-1375.	0.9	7
440	PRE and POST Herbicidal Activity of Monoterpenes against Barnyard Grass (Echinochloa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 T	0.8	17
441	Qse<scp>BC</scp>, a twoâ€component bacterial adrenergic receptor and global regulator of virulence in Enterobacteriaceae and Pasteurellaceae. Molecular Oral Microbiology, 2016, 31, 379-397.	1.3	45

#	Article	IF	Citations
442	Direction of interaction between mountain pine beetle (Dendroctonus ponderosae) and resource-sharing wood-boring beetles depends on plant parasite infection. Oecologia, 2016, 182, 1-12.	0.9	26
443	Flammable resin in Vellozia variabilis (Velloziaceae): Gland structure and chemical composition. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 219, 94-100.	0.6	5
444	Differential herbivory of the specialist beetleStolas puniceaon chemical phenotypes of its hostMikania micrantha. Biocontrol Science and Technology, 2016, 26, 419-425.	0.5	4
445	Fallen treesâ€™ last stand against bark beetles. Forest Ecology and Management, 2016, 359, 44-50.	1.4	8
446	Biosynthesis of essential oils in aromatic plants: A review. Food Reviews International, 2016, 32, 117-160.	4.3	114
447	Differences in Monoterpene Biosynthesis and Accumulation in Pistacia palaestina Leaves and Aphid-Induced Galls. Journal of Chemical Ecology, 2017, 43, 143-152.	0.9	20
448	Metabolomics reveals constitutive metabolites that contribute resistance to fall webworm () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 T	2.0	16
449	Phytotoxic effects of Baccharis psiadioides (Asteraceae) volatiles on different phases of plant development. Journal of Essential Oil Research, 2017, 29, 313-319.	1.3	2
450	Alternate Cyclization Cascade Initiated by Substrate Isomer in Multiproduct Terpene Synthase from Medicago truncatula. Journal of Organic Chemistry, 2017, 82, 2855-2861.	1.7	6
451	Elevated CO 2 and salinity are responsible for phenolics-enrichment in two differently pigmented lettuces. Plant Physiology and Biochemistry, 2017, 115, 269-278.	2.8	50
452	Resin exudation and resinicolous communities on Araucaria humboldtensis in New Caledonia. Arthropod-Plant Interactions, 2017, 11, 495-505.	0.5	8
453	Chemical Characterization and Phytotoxicity of Foliar Volatiles and Essential Oil of Callistemon viminalis. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 535-545.	0.7	8
454	IncreasedHelicoverpa zea(Boddie) Larval Feeding on Cotton Plants with RNAi Construct CYP82D109 that Blocks Gossypol-related Terpenoid Synthesis. Southwestern Entomologist, 2017, 42, 287-290.	0.1	1
455	Mosquito repellent activity of volatile oils from selected aromatic plants. Parasitology Research, 2017, 116, 821-825.	0.6	32
457	Cannabis Pharmacology: The Usual Suspects and a Few Promising Leads. Advances in Pharmacology, 2017, 80, 67-134.	1.2	239
458	Remarkable preservation of terpenoids and record of volatile signalling in plant-animal interactions from Miocene amber. Scientific Reports, 2017, 7, 10940.	1.6	13
459	The chemistry of American and African amber, copal, and resin from the genus Hymenaea. Organic Geochemistry, 2017, 113, 43-54.	0.9	31
460	Comparative phytochemical analysis of volatile organic compounds by SPME-GC-FID/MS from six coniferous and nine deciduous tree bark species grown in Turkey. South African Journal of Botany, 2017, 113, 23-28.	1.2	19

#	Article	IF	Citations
461	Volatile essential oil chemical composition of basil (Ocimum basilicum L. â€˜Greenâ€™) cultivated in a greenhouse and micropropagated on a culture medium containing copper sulfate. In Vitro Cellular and Developmental Biology - Plant, 2017, 53, 631-640.	0.9	12
462	Terpenoids in plant and arbuscular mycorrhiza-reinforced defence against herbivorous insects. Annals of Botany, 2017, 119, mcw263.	1.4	78
463	Discrimination of Eugenia uniflora L. biotypes based on volatile compounds in leaves using HS-SPME/GCâ€“MS and chemometric analysis. Microchemical Journal, 2017, 130, 79-87.	2.3	48
464	Olfactory and visual plant cues as drivers of selective herbivory. Oikos, 2017, 126, .	1.2	25
465	Resin monoterpene defenses decline within three widespread species of pine (Pinus) along a 1530â€m elevational gradient. Ecosphere, 2017, 8, e01975.	1.0	23
466	Quantification of monoterpene emission sources of a conifer species in response to experimental drought. AoB PLANTS, 2017, 9, plx045.	1.2	15
467	Volatile Components of the Essential Oil of <i>Artemisia montana</i> and Their Sedative Effects. Journal of Oleo Science, 2017, 66, 843-849.	0.6	15
468	Larvicidal activities of some bark and wood extracts against wood-damaging insects. Maderas: Ciencia Y Tecnologia, 2017, , 0-0.	0.7	6
469	Inhibitory action of allelochemicals from Artemisia nanschanica to control Pedicularis kansuensis, an annual weed of alpine grasslands. Australian Journal of Botany, 2017, 65, 305.	0.3	6
470	Essential oils and their components as an alternative in the control of mosquito vectors of disease. Biomedica, 2017, 37, 224.	0.3	9
471	Effects of monoterpenes on mortality, growth, fecundity, and ovarian development of Bactrocera zonata (Saunders) (Diptera: Tephritidae). Environmental Science and Pollution Research, 2018, 25, 15671-15679.	2.7	22
472	Trends in Insect Molecular Biology and Biotechnology. , 2018, , .		10
473	Morphoanatomy of the leaflets of the Hymenaea clade (Fabaceae: Detarioideae) reveals their potential for taxonomic and phylogenetic studies. Botanical Journal of the Linnean Society, 2018, 187, 87-98.	0.8	14
474	Egg-Laying Behaviour of Caryedon serratus (Olivier) on the Essential Oils of Skimmia anquetilia. , 2018, , 233-249.		1
475	Impact of warming, moderate nitrogen addition and bark herbivory on BVOC emissions and growth of Scots pine (Pinus sylvestris L.) seedlings. Tree Physiology, 2018, 38, 1461-1475.	1.4	16
476	Insecticidal activities of monoterpenes and phenylpropenes against Sitophilus oryzae and their inhibitory effects on acetylcholinesterase and adenosine triphosphatases. Applied Entomology and Zoology, 2018, 53, 173-181.	0.6	39
477	Rapid Monitoring of Pharmacological Volatiles of Nightâ€Flowering Eveningâ€Primrose According to Flower Opening or Closing by Fast Gas Chromatography/Surface Acoustic Wave Sensor (Electronic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	9
478	Metabolic engineering of Escherichia coli for the production of isoprenoids. FEMS Microbiology Letters, 2018, 365, .	0.7	63

#	Article	IF	Citations
479	Monoterpene responses to interacting effects of drought stress and infection by the fungus Heterobasidion parviporum in two clones of Norway spruce (Picea abies). Environmental and Experimental Botany, 2018, 152, 137-148.	2.0	18
480	Photosynthetic characteristics and simulation of annual leaf carbon gains of hybrid poplar (Populus) Tj ETQq1 1 0.784314 rgBT /Overlock agroforestry system. Agroforestry Systems, 2018, 92, 1267-1286.	0.9	6
481	Chemotyping of new hop (Humulus lupulus L.) genotypes using comprehensive two-dimensional gas chromatography with quadrupole accurate mass time-of-flight mass spectrometry. Journal of Chromatography A, 2018, 1536, 110-121.	1.8	29
482	Species-specific interference exerted by the shrub Cistus clusii Dunal in a semi-arid Mediterranean gypsum plant community. BMC Ecology, 2018, 18, 49.	3.0	1
484	The Tunisian Artemisia Essential Oils for Reducing Contamination of Stored Cereals by Tribolium castaneum. Food Technology and Biotechnology, 2018, 56, 247-256.	0.9	21
486	Production and preservation of resinsÂâ€“Âpast and present. Biological Reviews, 2018, 93, 1684-1714.	4.7	113
487	Reconstructing Terrestrial Paleoenvironments Using Sedimentary Organic Biomarkers. Vertebrate Paleobiology and Paleoanthropology, 2018, , 121-149.	0.1	3
488	Long-term dynamics of monoterpene synthase activities, monoterpene storage pools and emissions in boreal Scots pine. Biogeosciences, 2018, 15, 5047-5060.	1.3	16
489	Terpenoid Secondary Metabolites in Bryophytes: Chemical Diversity, Biosynthesis and Biological Functions. Critical Reviews in Plant Sciences, 2018, 37, 210-231.	2.7	57
490	Origin, formation and environmental significance of des-A-arborenes in the sediments of an East African crater lake. Organic Geochemistry, 2018, 125, 95-108.	0.9	5
491	Medicinal Properties of Cannabinoids, Terpenes, and Flavonoids in Cannabis, and Benefits in Migraine, Headache, and Pain: An Update on Current Evidence and Cannabis Science. Headache, 2018, 58, 1139-1186.	1.8	161
492	Comparative transcriptional and metabolic responses of Pinus pinea to a native and a non-native Heterobasidion species. Tree Physiology, 2019, 39, 31-44.	1.4	6
493	Ripe coffee berry volatiles repel second instar nymphs of Antestia bugs (Heteroptera: Pentatomidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	6
494	Effects of terpene administration on goatsâ€™ milk fatty acid profile and coagulation properties. International Journal of Dairy Technology, 2018, 71, 992-996.	1.3	8
495	Effects of Intraspecific Genetic Variation and Prior Herbivory in an Old-Field Plant on the Abundance of the Specialist Aphid Uroleucon nigrotuberculatum (Hemiptera: Aphididae). Environmental Entomology, 2018, 47, 422-431.	0.7	6
496	Chemistry of Himalayan Phytochemicals. , 2018, , 121-166.		14
497	Allelopathic Effects of Common Landscape and Nursery Mulch Materials on Weed Control. Frontiers in Plant Science, 2018, 9, 733.	1.7	24
498	Floral-induced and constitutive defense against florivory: a comparison of chemical traits in 12 herb species. Plant Ecology, 2018, 219, 985-997.	0.7	2

#	Article	IF	Citations
499	Copaifera of the Neotropics: A Review of the Phytochemistry and Pharmacology. International Journal of Molecular Sciences, 2018, 19, 1511.	1.8	75
500	Plant Secondary Metabolitesâ€"Missing Pieces in the Soil Organic Matter Puzzle of Boreal Forests. Soil Systems, 2018, 2, 2.	1.0	27
501	Fossilization History of Fossil Resin from Jambi Province (Sumatra, Indonesia) Based on Physico-Chemical Studies. Minerals (Basel, Switzerland), 2018, 8, 95.	0.8	14
502	Identification, Functional Characterization, and Seasonal Expression Patterns of Five Sesquiterpene Synthases in Liquidambar formosana. Journal of Natural Products, 2018, 81, 1162-1172.	1.5	18
503	Every rose has its thorn: Infants' responses to pointed shapes in naturalistic contexts. Evolution and Human Behavior, 2018, 39, 583-593.	1.4	20
504	Do litter-mediated plant-soil feedbacks influence Mediterranean oak regeneration? A two-year pot experiment. Plant and Soil, 2018, 430, 59-71.	1.8	12
505	Engineered Rhodobacter capsulatus as a Phototrophic Platform Organism for the Synthesis of Plant Sesquiterpenoids. Frontiers in Microbiology, 2019, 10, 1998.	1.5	31
506	Correlation between VOC fingerprinting and antimicrobial activity of several essential oils extracted by plant resins againstA. tumefaciensandP. savastanoi. Flavour and Fragrance Journal, 2019, 34, 377-387.	1.2	3
507	Variation in essential oil components among Iranian Ferula assa-foetida L. accessions. Industrial Crops and Products, 2019, 140, 111598.	2.5	33
508	Essential oil composition of five Artemisia (Compositae) species in regards to chemophenetics. Biochemical Systematics and Ecology, 2019, 87, 103960.	0.6	14
509	Amylose Inclusion Complexes as Emulsifiers for Garlic and Asafoetida Essential Oils for Mosquito Control. Insects, 2019, 10, 337.	1.0	7
510	Integrative Analysis of Terpenoid Profiles and Hormones from Fruits of Red-Flesh Citrus Mutants and Their Wild Types. Molecules, 2019, 24, 3456.	1.7	6
511	Antibacterial activity of three essential oils and some monoterpenes against Ralstonia solanacearum phylotype II isolated from potato. Microbial Pathogenesis, 2019, 135, 103604.	1.3	32
512	Eremothecium Oil Biotechnology as a Novel Technology for the Modern Essential Oil Production. , 2019, , 401-435.		0
513	Positive Selection of Squalene Synthase in Cucurbitaceae Plants. International Journal of Genomics, 2019, 2019, 1-15.	0.8	9
514	Semiâ€polar root exudates in natural grassland communities. Ecology and Evolution, 2019, 9, 5526-5541.	0.8	26
515	Oleoresin defenses in conifers: chemical diversity, terpene synthases and limitations of oleoresin defense under climate change. New Phytologist, 2019, 224, 1444-1463.	3.5	139
516	In-depth transcriptome characterization uncovers distinct gene family expansions for Cupressus gigantea important to this long-lived speciesâ€™ adaptability to environmental cues. BMC Genomics, 2019, 20, 213.	1.2	12

#	Article	IF	Citations
517	The landscape of natural product diversity and their pharmacological relevance from a focus on the Dictionary of Natural ProductsÂ®. Phytochemistry Reviews, 2019, 18, 601-622.	3.1	52
518	Nutritional and Nutraceutical Composition of Pansies (Viola Ã— wittrockiana) During Flowering. Journal of Food Science, 2019, 84, 490-498.	1.5	20
519	Chemical Variability of the Essential Oil of Origanum ehrenbergii Boiss. from Lebanon, Assessed by Independent Component Analysis (ICA) and Common Component and Specific Weight Analysis (CCSWA). International Journal of Molecular Sciences, 2019, 20, 1026.	1.8	8
520	The evolving landscape of cannabis edibles. Current Opinion in Food Science, 2019, 28, 25-31.	4.1	31
521	Essential oil of Cyphostemma juttae (Vitaceae): Chemical composition and antitumor mechanism in triple negative breast cancer cells. PLoS ONE, 2019, 14, e0214594.	1.1	16
522	Chemical Profile and Biological Activities of Essential Oil from Artemisia vulgaris L. Cultivated in Brazil. Pharmaceuticals, 2019, 12, 49.	1.7	32
523	Comparative Transcriptome Analysis of the Pinewood Nematode Bursaphelenchus xylophilus Reveals the Molecular Mechanism Underlying Its Defense Response to Host-Derived Î±-pinene. International Journal of Molecular Sciences, 2019, 20, 911.	1.8	29
524	Trade-offs between defenses against herbivores in goldenrod (Solidago altissima). Arthropod-Plant Interactions, 2019, 13, 279-287.	0.5	7
525	Pine defenses against the pitch canker disease are modulated by a native insect newly associated with the invasive fungus. Forest Ecology and Management, 2019, 437, 253-262.	1.4	10
526	Gene copy number is associated with phytochemistry in Cannabis sativa. AoB PLANTS, 2019, 11, plz074.	1.2	38
527	An odorant receptor from Anopheles gambiae that demonstrates enantioselectivity to the plant volatile, linalool. PLoS ONE, 2019, 14, e0225637.	1.1	16
528	A phylogenetic analysis of conifer diterpenoids and their carbon isotopes for chemotaxonomic applications. Organic Geochemistry, 2019, 127, 50-58.	0.9	21
529	Whitebark pine (Pinus albicaulis) growth and defense in response to mountain pine beetle outbreaks. Forest Ecology and Management, 2020, 457, 117736.	1.4	19
530	Antifeedant, growth regulatory and biochemical effects of terpenes and phenylpropenes on Spodoptera littoralis Boisduval. International Journal of Tropical Insect Science, 2020, 40, 423-433.	0.4	19
531	Volatiles and Tannins in Pistacia lentiscus and Their Role in Browsing Behavior of Goats (Capra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	0.9	5
532	Preservation of monoterpenoids in Oligocene resin: Insights into the evolution of chemical defense mechanism of plants in deep-time. International Journal of Coal Geology, 2020, 217, 103326.	1.9	5
533	Propolis and its potential against SARS-CoV-2 infection mechanisms and COVID-19 disease. Biomedicine and Pharmacotherapy, 2020, 131, 110622.	2.5	169
534	Metagenomics Reveals Diet-Specific Specialization of Bacterial Communities in Fungus Gardens of Grass- and Dicot-Cutter Ants. Frontiers in Microbiology, 2020, 11, 570770.	1.5	8

#	Article	IF	Citations
535	Glandular trichome-derived sesquiterpenes of wild tomato accessions (Solanum habrochaites) affect aphid performance and feeding behavior. Phytochemistry, 2020, 180, 112532.	1.4	25
536	Adaptation of pine wood nematode Bursaphelenchus xylophilus to Î²-pinene stress. BMC Genomics, 2020, 21, 478.	1.2	10
537	Roles of specialized metabolites in biological function and environmental adaptability of tea plant (Camellia sinensis) as a metabolite studying model. Journal of Advanced Research, 2021, 34, 159-171.	4.4	35
538	Identification and Functional Characterization of Tissue-Specific Terpene Synthases in Stevia rebaudiana. International Journal of Molecular Sciences, 2020, 21, 8566.	1.8	6
539	Ceratocystis fimbriata Employs a Unique Infection Strategy Targeting Peltate Glandular Trichomes of Sweetpotato (Ipomoea batatas) Plants. Phytopathology, 2020, 110, 1923-1933.	1.1	13
540	Chemical composition of the essential oils of circadian rhythm and of different vegetative parts from Piper mollicomum Kunth - A medicinal plant from Brazil. Biochemical Systematics and Ecology, 2020, 92, 104116.	0.6	14
541	Chemical and spectroscopic signatures of resins from Sumatra (Sarolangun mine, Jambi Province) and Germany (Bitterfeld, Saxony-Anhalt). Scientific Reports, 2020, 10, 18283.	1.6	5
542	Chemical Composition of Volatile Oils of Fresh and Air-Dried Buds of Cannabis chemovars, Their Insecticidal and Repellent Activities. Natural Product Communications, 2020, 15, 1934578X2092672.	0.2	9
543	Geochemical methods to infer landscape response to Quaternary climate change and land use in depositional archives: A review. Earth-Science Reviews, 2020, 207, 103218.	4.0	11
544	Seasonal changes in eastern hemlock (Tsuga canadensis) foliar chemistry. Canadian Journal of Forest Research, 2020, 50, 557-564.	0.8	0
545	Phytochemicals. , 2020, , 341-361.		35
546	The molecular mechanisms that underpin the biological benefits of full-spectrum cannabis extract in the treatment of neuropathic pain and inflammation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165771.	1.8	40
547	Effects of Soil Fertilization on Terpenoids and Other Carbon-Based Secondary Metabolites in Rosmarinus officinalis Plants: A Comparative Study. Plants, 2020, 9, 830.	1.6	22
548	Root exudate composition of grass and forb species in natural grasslands. Scientific Reports, 2020, 10, 10691.	1.6	45
549	Effect of soil organic matter on petroleum hydrocarbon degradation in diesel/fuel oil-contaminated soil. Journal of Bioscience and Bioengineering, 2020, 129, 603-612.	1.1	28
550	Natural Variation in Volatile Emissions of the Invasive Weed Calluna vulgaris in New Zealand. Plants, 2020, 9, 283.	1.6	21
551	Cretaceous gnetalean yields first preserved plant gum. Scientific Reports, 2020, 10, 3401.	1.6	4
552	Genomic analyses of a â€œliving fossilâ€• The endangered doveâ€tree. Molecular Ecology Resources, 2020, 20, 756-769.	2.2	26

#	Article	IF	Citations
553	Phytotoxicity and antifungal properties of the essential oil from the Juniperus polycarpos var. turcomanica (B. Fedsch.) R.P. Adams leaves. Physiology and Molecular Biology of Plants, 2020, 26, 759-771.	1.4	11
554	Evaluation of Terpenesâ€™ Degradation Rates by Rumen Fluid of Adapted and Non-adapted Animals. Natural Products and Bioprospecting, 2021, 11, 307-313.	2.0	7
555	Effect of climate change on plant secondary metabolism: An ecological perspective. , 2021, , 47-76.		1
556	A status review of terpenes and their separation methods. Reviews in Chemical Engineering, 2021, 37, 433-447.	2.3	22
557	Propolis. , 2021, , 761-763.		0
558	Terpenes and Flavonoids: Cannabis Essential Oil. , 2021, , 85-115.		0
559	Cannabis-derived terpenes and flavonoids as potential pharmaceuticals. Israel Journal of Plant Sciences, 2021, 68, 1-9.	0.3	1
560	Fungi as Parasites: A Conspectus of the Fossil Record. Topics in Geobiology, 2021, , 69-108.	0.6	6
561	Heterologous Production of Î²-Caryophyllene and Evaluation of Its Activity against Plant Pathogenic Fungi. Microorganisms, 2021, 9, 168.	1.6	15
562	Isophoroneâ€induced lightâ€independent lipid peroxidation and loss of cell membrane integrity. Weed Biology and Management, 2021, 21, 11-18.	0.6	2
563	Allelopathy and micropredation paradigms reconcile with system stoichiometry. Ecosphere, 2021, 12, e03372.	1.0	3
564	Essential Oil Composition and Micromorphological Traits of Satureja montana L., S. subspicata Bartel ex Vis., and S. kitaibelii Wierzb. Ex Heuff. Plant Organs. Plants, 2021, 10, 511.	1.6	14
565	Trichoderma Strains and Metabolites Selectively Increase the Production of Volatile Organic Compounds (VOCs) in Olive Trees. Metabolites, 2021, 11, 213.	1.3	20
566	Effect of monoterpenes, phenylpropenes and sesquiterpenes on development, fecundity and fertility of Spodoptera littoralis (Boisduval). International Journal of Tropical Insect Science, 0, , 1.	0.4	12
567	Toxicity of rhizomes of the invasive Hedychium coronarium (Zingiberaceae) on aquatic species. Biological Invasions, 2021, 23, 2221-2231.	1.2	5
568	Why Induced Defenses May Be Favored Over Constitutive Strategies in Plants. , 2021, , 45-61.		22
569	Antimicrobial Activity and Chemical Composition of Essential Oil from Thymus daenensis and Thymus fedtschenkoi During Phenological Stages. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 469-479.	0.7	5
570	Citrus Varieties with Different Tolerance Grades to Tristeza Virus Show Dissimilar Volatile Terpene Profiles. Agronomy, 2021, 11, 1120.	1.3	12

#	Article	IF	Citations
571	Life history trade-offs of thrips reared on fertilized and unfertilized Brazilian peppertree with respect to changes in plant terpenoid profiles. Biological Control, 2021, 156, 104553.	1.4	6
572	The bud rot pathogens infecting cannabis (Cannabis sativa L., marijuana) inflorescences: symptomology, species identification, pathogenicity and biological control. Canadian Journal of Plant Pathology, 0, , 1-28.	0.8	12
573	Within-Plant Variation in Rosmarinus officinalis L. Terpenes and Phenols and Their Antimicrobial Activity against the Rosemary Phytopathogens Alternaria alternata and Pseudomonas viridiflava. Molecules, 2021, 26, 3425.	1.7	6
574	Allelopathic, Phytotoxic, and Insecticidal Effects of Thymus proximus Serg. Essential Oil and Its Major Constituents. Frontiers in Plant Science, 2021, 12, 689875.	1.7	21
575	Implications of the foliar phytochemical diversity of the avocado crop Persea americana cv. Hass in its susceptibility to pests and pathogens. PeerJ, 2021, 9, e11796.	0.9	7
577	A Review of the Potential Use of Pinene and Linalool as Terpene-Based Medicines for Brain Health: Discovering Novel Therapeutics in the Flavours and Fragrances of Cannabis. Frontiers in Psychiatry, 2021, 12, 583211.	1.3	48
578	Morphological and biochemical responses of Macrotyloma uniflorum (Lam.) Verdc. to allelopathic effects of Mikania micrantha Kunth extracts. Heliyon, 2021, 7, e07822.	1.4	6
579	Growth and defense characteristics of whitebark pine (Pinus albicaulis) and lodgepole pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock Montana, USA. Forest Ecology and Management, 2021, 493, 119286.	1.4	5
580	Thermal tool to evaluate essential oil composition of different Eucalyptus genotypes in relation to Glycaspis brimblecombei susceptibility (Hemiptera: Aphalaridae). Journal of Thermal Analysis and Calorimetry, 2022, 147, 7363-7371.	2.0	2
581	Two Main Biosynthesis Pathways Involved in the Synthesis of the Floral Aroma of the Nacional Cocoa Variety. Frontiers in Plant Science, 2021, 12, 681979.	1.7	10
582	Research Advances in Allelopathy of Volatile Organic Compounds (VOCs) of Plants. Horticulturae, 2021, 7, 278.	1.2	25
583	Cytotoxic and antimicrobial activities of Rydingia michauxii methanolic extracts during various growth stages. Cleaner Engineering and Technology, 2021, 4, 100225.	2.1	0
584	Differences in volatile emissions between healthy and gall-induced branches of Haplopappus foliosus (Asteraceae). Biochemical Systematics and Ecology, 2021, 98, 104309.	0.6	3
585	Volatile and semi-volatile composition of Cretaceous amber. Cretaceous Research, 2021, 127, 104958.	0.6	6
586	Glandular Trichome-Derived Mono- and Sesquiterpenes of Tomato Have Contrasting Roles in the Interaction with the Potato Aphid Macrosiphum euphorbiae. Journal of Chemical Ecology, 2021, 47, 204-214.	0.9	20
587	Cracking the code: a comparative approach to plant communication. Communicative and Integrative Biology, 2021, 14, 176-185.	0.6	1
588	Metabolic Engineering of Plant Secondary Metabolism. , 0, , .		4
589	Induced Biosynthesis of Insect Semiochemicals in Plants. Novartis Foundation Symposium, 1999, 223, 110-131.	1.2	9

#	Article	IF	Citations
590	The Role of Mixtures and Variation in the Production of Terpenoids in Conifer-Insect-Pathogen Interactions. , 1996, , 179-216.		28
591	Insect-Plant Biology. , 1998, , .		541
592	Plant Chemistry: Endless Variety. , 1998, , 31-82.		8
593	Secondary Plant Substances: Monoterpenes. Progress in Botany Fortschritte Der Botanik, 1998, , 570-596.	0.1	1
595	Variation in Woody Plants; Molecular Markers, Evolutionary Processes and Conservation Biology. Forestry Sciences, 2000, , 341-373.	0.4	12
596	Allocation Theory and Chemical Defense. , 1997, , 265-277.		32
597	Variable Phytotoxic Effects of Thymus vulgaris (Lamiaceae) Terpenes on Associated Species. International Journal of Plant Sciences, 2015, 176, 20-30.	0.6	24
600	Acute tea tree oil intoxication in a pet cockatiel (Nymphicus hollandicus): a case report. BMC Veterinary Research, 2020, 16, 29.	0.7	6
601	Glomerular representation of plant volatiles and sex pheromone components in the antennal lobe of the female Spodoptera littoralis. Journal of Experimental Biology, 2002, 205, 1363-1376.	0.8	58
602	Soil Microorganisms Alleviate the Allelochemical Effects of a Thyme Monoterpene on the Performance of an Associated Grass Species. PLoS ONE, 2011, 6, e26321.	1.1	46
604	Phytochemicals as a potential source for anti-microbial, anti-oxidant and wound healing - a review. MOJ Bioorganic & Organic Chemistry, 2018, 2, .	0.1	10
605	Volatile compounds profile of Bromeliaceae flowers. Revista De Biologia Tropical, 2016, 64, 1101-16.	0.1	4
606	Efeitos alelopÃ¡ticos do calopogÃ´nio em funÃ§Ã£o de sua idade e da densidade de sementes da planta receptora. Planta Daninha, 2003, 21, 211-218.	0.5	14
607	LocalizaÃ§Ã£o e aceitaÃ§Ã£o de dieta artificial contendo feromÃ´nio sexual pelo predador Podisus nigrispinus (Dallas) (Heteroptera: Pentatomidae). Neotropical Entomology, 1999, 28, 687-693.	0.2	5
609	Potential Implications of Medicinal Plant Production in Controlled Environments: The case of Feverfew (Tanacetum parthenium). Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 531-535.	0.5	37
610	Sweetpotato Volatile Chemistry in Relation to Sweetpotato Weevil (Cylas formicarius) Behavior. Journal of the American Society for Horticultural Science, 2002, 127, 656-662.	0.5	27
611	Natural Products with Antiplatelet Action. Current Pharmaceutical Design, 2017, 23, 1228-1246.	0.9	41
612	Estudio de la herbivorÃa de la palma camedor (Chamaedorea Radicalis) mart., en la sierra madre oriental de Tamaulipas, MÃ©xico. Acta ZoolÃ³gica Mexicana, 2010, 26, 153-172.	1.1	6

#	Article	IF	Citations
613	Effect of NaCl and iron oxide nanoparticles on Mentha piperita essential oil composition. Environmental and Experimental Biology, 2016, 14, 27-32.	0.3	26
614	Insecticidal, repellent, antimicrobial activity and phytotoxicity of essential oils: With special reference to limonene and its suitability for control of insect pests. Agricultural and Food Science, 2001, 10, 243-259.	0.3	162
615	Les huiles essentielles comme agents anticancÃ©reux : actualitÃ© sur le mode dâ€™action. Phytotherapie, 2018, 16, 254-267.	0.1	9
616	Allelopathy and Weed-Suppression of <I>Oryza longistaminata</I> under Wa-ter-Nitrogen Interactions in the Field. Acta Agronomica Sinica(China), 2011, 37, 170-176.	0.1	1
617	Seasonal variations in monoterpene profiles and ecophysiological traits in Mediterranean pine species of group â€œhalepensisâ€• IForest, 2008, 1, 65-74.	0.5	16
618	Beetle and plant arrow poisons of the Ju|â€™hoan and Hai||om San peoples of Namibia (Insecta,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	19
619	Iranian Plant Essential Oils as Sources of Natural Insecticide Agents. International Journal of Biological Chemistry, 2011, 5, 266-290.	0.3	29
620	Insecticidal Effect of Fruit Extracts from Xylopia aethiopica and Dennettia tripetala (Annonaceae) against Sitophilus oryzae (Coleoptera: Curculionidae). Chilean Journal of Agricultural Research, 2012, 72, 195-200.	0.4	18
621	Characterization of the electroantennographic response by Cerambyx welensii KÃ¼ster and Prinobius germari Germar (Coleoptera: Cerambycidae) to olfactory stimuly. Investigacion Agraria Sistemas Y Recursos Forestales, 2007, 16, 95.	0.4	8
622	Role of Natural Essential Oils in Sustainable Agriculture and Food Preservation. Journal of Scientific Research and Reports, 2014, 3, 1843-1860.	0.2	19
623	Biological activity of Cannabis compounds: a modern approach to the therapy of multiple diseases. Phytochemistry Reviews, 2022, 21, 429-470.	3.1	6
624	Adaptation of a simple method to determine the total terpenoid content in needles of coniferous trees. Plant Science, 2022, 314, 111090.	1.7	10
625	Taxonomic Insights and Its Type Cyclization Correlation of Volatile Sesquiterpenes in Vitex Species and Potential Source Insecticidal Compounds: A Review. Molecules, 2021, 26, 6405.	1.7	10
626	Cascading Effects of Root Microbial Symbiosis on the Development and Metabolome of the Insect Herbivore Manduca sexta L.. Metabolites, 2021, 11, 731.	1.3	13
627	Impact of a diamond mining industry on metabolites in Larix gmelinii. Biochemical Systematics and Ecology, 2021, 99, 104349.	0.6	3
629	Plant secondary compounds and soil microbial processes in carbon and nitrogen cycling in relation to tree species. Dissertationes Forestales, 2007, 2007, .	0.1	2
630	Potencial antioxidante in vitro, conteÃºdo de fenÃ³is e flavonÃ³ides nos ramos de Scutia buxifolia Reissek. SaÃºde, 2012, 35, 34.	0.1	1
632	Development of Botanical Pesticides for Public Health. Journal of ASTM International, 2011, 8, 1-7.	0.2	0

#	Article	IF	Citations
633	Development of Botanical Pesticides for Public Health. , 2011, , 52-62.		0
634	Limonene synthase gene expression under different concentrations of manganese in Cuminum cyminum L.. African Journal of Plant Science, 2012, 6, .	0.4	0
635	Chapitre 13. CaractÃ©ristiques chimiques des plantes. , 2013, , 217-228.		0
637	Natural Pesticidome Replacing Conventional Pesticides. , 2013, , 603-620.		0
638	Chemoecology of larvae of the European apple sawfly. , 1996, , 286-288.		1
639	Evaluating the toxicity of oil of lemon eucalyptus, Corymbia citriodora (Hook.), against larvae of the Asian tiger mosquito and non-target fish and larval amphibians. Anales De BiologÃa, 2014, , .	0.2	0
640	Why is Sentience so Hardly Explicable?. SSRN Electronic Journal, 0, , .	0.4	0
642	Cannabis Chemistry: Cannabinoids in Cannabis, Humans, and Other Species. , 2016, , 229-252.		0
644	Site of synthesis of specialized metabolites. , 2016, , 9-22.		0
647	Different responses to environmental factors in terpene composition of Pinus heldreichii and P. peuce: Ecological and chemotaxonomic considerations. Archives of Biological Sciences, 2019, 71, 629-637.	0.2	7
648	Morfoanatomia foliar de Copaifera sabulicola J.A.S. Costa & L.P. Queiroz: uma planta com potencial medicinal. Hoehnea (revista), 2019, 46, .	0.2	0
649	Propolis. , 2019, , 1-3.		0
650	THE EFFECT OF INFECTION BY CALOGLYPHUS BERLESEI ON ORGANIC VOLATILE COMPOUNDS OF SOME STORED PRODUCTS. Egyptian Journal of Nutrition and Feeds, 2019, 22, 121-132.	0.1	0
651	Phytochemical Screening, GC-MS Analysis and Antioxidant Activity of Three Medicinal Plants From Nigeria. Asian Journal of Applied Chemistry Research, 0, , 14-26.	0.0	1
652	Deep learning strategies for active secondary metabolites biosynthesis from fungi: Harnessing artificial manipulation and application. Biocatalysis and Agricultural Biotechnology, 2021, 38, 102195.	1.5	9
653	Current Advances in the Bacterial Toolbox for the Biotechnological Production of Monoterpene-Based Aroma Compounds. Molecules, 2021, 26, 91.	1.7	24
654	Qualitative terpene profiling of Cannabis varieties cultivated for medical purposes. Rodriguesia, 0, 71, .	0.9	6
655	Plant Chemicals. , 2002, , 27-72.		1

#	Article	IF	Citations
656	Changes in secondary metabolite contents of Arnica chamissonis Less. in response to different harvest time, flower developmental stages and drying methods. Journal of Medicinal Plants, 2020, 19, 69-88.	0.3	1
657	Larvicidal Activity of Citrus Limonoids against Aedes albopictus Larvae. Journal of Arthropod-Borne Diseases, 2012, 6, 104-11.	0.9	6
658	Diversity and evolution of secretory structures in Sapindales. Revista Brasileira De Botanica, 2022, 45, 251-279.	0.5	9
659	Effects of short-term environmental stresses on the onset of cannabinoid production in young immature flowers of industrial hemp (Cannabis sativa L.). Journal of Cannabis Research, 2022, 4, 1.	1.5	26
660	Marijuana, a Journey through the Endocannabinoid System: Unmasking the Paradoxical Effect - Part 2. Biochemistry, 0, , .	0.8	0
661	Geraniol and Carvacrol in Essential Oil Bearing Thymus pulegioides: Distribution in Natural Habitats and Phytotoxic Effect. Molecules, 2022, 27, 986.	1.7	2
663	Botanic Garden as a Factory of Molecules: Myrtus communis L. subsp. communis as a Case Study. Plants, 2022, 11, 754.	1.6	7
664	Monarda didyma Hydrolate Affects the Survival and the Behaviour of Drosophila suzukii. Insects, 2022, 13, 280.	1.0	5
665	Transcriptome sequencing and differential expression analysis of natural and BTH-treated wound healing in potato tubers (Solanum tuberosum L.). BMC Genomics, 2022, 23, 263.	1.2	12
666	A comparative phytochemical profiling of essential oils isolated from three hemp (Cannabis sativa L.) cultivars grown in central-northern Morocco. Biocatalysis and Agricultural Biotechnology, 2022, 42, 102327.	1.5	11
667	Steam Explosion (STEX) of Citrus Ã— Poncirus Hybrids with Exceptional Tolerance to Candidatus Liberibacter Asiaticus (CLas) as Useful Sources of Volatiles and Other Commercial Products. Biology, 2021, 10, 1285.	1.3	1
668	Allelopathic Effects Of Some Plant Species In Korea. , 0, , 189-202.		0
681	Microbial Production, Extraction, and Quantitative Analysis of Isoprenoids. Methods in Molecular Biology, 2022, 2469, 239-259.	0.4	1
682	The phytochemical diversity of commercial Cannabis in the United States. PLoS ONE, 2022, 17, e0267498.	1.1	20
684	Metabolomic Analysis Identifies Differences Between Wild and Domesticated Chili Pepper Fruits During Development (Capsicum annuum L.). Frontiers in Plant Science, 0, 13, .	1.7	8
686	Humic Substances Effect and Climatic Tensions on the Growth and Essential Oil Quality of the Cultivated Aloysia. triphylla (Iran). Jordan Journal of Agricultural Sciences, 2021, 17, 355-376.	0.1	1
687	Propolis efficacy on SARS-COV viruses: a review on antimicrobial activities and molecular simulations. Environmental Science and Pollution Research, 2022, 29, 58628-58647.	2.7	6
688	The role of phytochemical diversity in the management of agroecosystems. Botanical Sciences, 2022, 100, S245-S262.	0.3	5

#	Article	IF	Citations
689	A reliable validated high-performance liquid chromatography-photodiode array detection method for quantification of terpenes in Copaifera pubiflora, Copaifera trapezifolia, and Copaifera langsdorffii oleoresins. Natural Product Research, 0, , 1-6.	1.0	0
690	The chemical biogeography of a widespread aromatic plant species shows both spatial and temporal variation. Ecology and Evolution, 2022, 12, .	0.8	3
691	Hemp essential oil: an innovative product with potential industrial applications. , 2023, , 201-279.		1
692	Physicochemical characteristics controlling the flammability of live. International Journal of Wildland Fire, 2022, 31, 857-870.	1.0	2
694	Effect of nine-year soil contact on physical performance of crude tall oil impregnated, copper salt impregnated, and non-treated Scots pine posts. Wood Material Science and Engineering, 2023, 18, 51-57.	1.1	0
695	Multi-omics analysis the differences of VOCs terpenoid synthesis pathway in maintaining obligate mutualism between Ficus hirta Vahl and its pollinators. Frontiers in Plant Science, 0, 13, .	1.7	0
696	Secondary metabolites in Viguiera (Compositae, Heliantheae, Helianthinae) and segregated genera. A review of their biological activities with chemotaxonomic observations. Botanical Sciences, 0, 100, .	0.3	0
697	Phytotoxic, insecticidal, and antimicrobial activities of Ajania tibetica essential oil. Frontiers in Plant Science, 0, 13, .	1.7	2
698	Functional conservation of Anopheline linalool receptors through 100 million years of evolution. Chemical Senses, 2022, 47, .	1.1	1
699	Studies on the Requirement of Transthyretin Protein (BxTTR-52) for the Suppression of Host Innate Immunity in Bursaphelenchus xylophilus. International Journal of Molecular Sciences, 2022, 23, 15058.	1.8	1
700	In vitro and in vivo copper-treated Myrtus communis L.: terpene profiles and evidence for potential cultivation on metal-contaminated soils. Environmental Science and Pollution Research, 0, , .	2.7	0
701	Essential oils as valuable feed additive: A narrative review of the state of knowledge about their beneficial health applications and enhancement of production performances in poultry. Journal of Experimental Biology and Agricultural Sciences, 2022, 10, 1290-1317.	0.1	3
702	Is the Invasiveness of Pittosporum undulatum in Eucalypt Forests Explained by the Wide Ranging Effects of Its Secondary Metabolites?. Forests, 2023, 14, 39.	0.9	1
703	Toxicology, histophysiological and nutritional changes in Apis mellifera (Hymenoptera: Apidae) submitted to limonene and natural pesticides in comparison to synthetic pesticides. Journal of Apicultural Research, 0, , 1-12.	0.7	2
704	Extraction of Terpenes of Common Juniper Greenery Under Sub- and Supercritical Conditions. Russian Journal of Physical Chemistry B, 2022, 16, 1354-1360.	0.2	0
705	Essential oils to contrast biodeterioration of the external marble of Florence Cathedral. Science of the Total Environment, 2023, 877, 162913.	3.9	2
706	Antimicrobial properties of some plant essential oils against two human pathogens. International Journal of Pharmaceutical Chemistry and Analysis, 2023, 9, 184-187.	0.1	0
707	Rearranged 19-nor-7,8-seco-labdane diterpenoids and Dielsâ^'Alder cycloadducts from the Chinese liverwort Pallavicinia ambigua: Structural elucidation, photoinduced rearrangement, and cytotoxic activity. Chinese Chemical Letters, 2024, 35, 108206.	4.8	1

#	Article	IF	Citations
709	Volatile Metabolites of Piper eriopodon (Miq.) C.DC. from Northern Region of Colombia and Assessment of In Vitro Bioactivities of the Leaf Essential Oil. Molecules, 2023, 28, 2594.	1.7	1
710	Monoterpene Composition of Phloem of Eastern Larch (Larix laricina (Du Roi) K. Koch) in the Great Lakes Region: With What Must the Eastern Larch Beetle (Dendroctonus simplex LeConte) Contend?. Forests, 2023, 14, 566.	0.9	0
712	Plant Secondary Metabolites and Abiotic Stress Tolerance: Overview and Implications. , 0, , .		0
718	Overview of fungal terpene synthases and their regulation. World Journal of Microbiology and Biotechnology, 2023, 39, .	1.7	4
720	Biosynthesis of phytonutrients. , 2023, , 57-105.		0