# Volatile herbivore-induced terpenoids in plant-mite int
and abiotic factors

Journal of Chemical Ecology

20, 1329-1354

DOI: 10.1007/bf02059811

| # | 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 | Why do plants ?talk??. Chemoecology, 1994, 5-6, 159-165. | 0.6 | 19 |
| 3 | Higher plant terpenoids: A phytocentric overview of their ecological roles. Journal of Chemical Ecology, 1994, 20, 1223-1280. | 0.9 | 729 |
| 4 | Hostâ€age discrimination during host location by <i>Cotesia glomerata</i>, a larval parasitoid of <i>Pieris brassicae</i>. Entomologia Experimentalis Et Applicata, 1995, 76, 37-48. | 0.7 | 35 |
| 5 | Developmental stage of herbivorePseudaletia separata affects production of herbivore-induced synomone by corn plants. Journal of Chemical Ecology, 1995, 21, 273-287. | 0.9 | 268 |
| 6 | Plant Volatile Signals in Response to Herbivore Feeding. Florida Entomologist, 1996, 79, 93. | 0.2 | 76 |
| 7 | Plantâ€"carnivore mutualism through herbivore-induced carnivore attractants. Trends in Plant Science, 1996, 1, 109-113. | 4.3 | 443 |
| 9 | Chemical Divergence in Floral Scents of Magnolia and Allied Genera (Magnoliaceae). Plant Species Biology, 1997, 12, 69-83. | 0.6 | 58 |
| 10 | Framboidal pyrites in antique books. Nature, 1997, 388, 631-631. | 13.7 | 23 |
| 11 | Intercropping increases parasitism of pests. Nature, 1997, 388, 631-632. | 13.7 | 352 |
| 12 | Stochastic resonance at the single-cell level. Nature, 1997, 388, 632-633. | 13.7 | 43 |
| 13 | Attraction of Colorado Potato Beetle to Herbivore-Damaged Plants During Herbivory and After Its Termination. Journal of Chemical Ecology, 1997, 23, 1003-1023. | 0.9 | 228 |
| 14 | Cotesia glomerata Female Wasps Use Fatty Acids from Plantâ€"Herbivore Complex in Host Searching. Journal of Chemical Ecology, 1997, 23, 1505-1515. | 0.9 | 34 |
| 15 | Response of Predatory Insect Scolothrips takahashii Toward Herbivore-Induced Plant Volatiles Under Laboratory and Field Conditions. Journal of Chemical Ecology, 1997, 23, 2033-2048. | 0.9 | 94 |
| 16 | Distribution and Differential Expression of (E)-4,8-Dimethyl-1,3,7-Nonatriene in Leaf and Floral Volatiles of Magnolia and Liriodendron Taxa. Journal of Chemical Ecology, 1997, 23, 2467-2478. | 0.9 | 25 |
| 17 | Comparative Analysis of Headspace Volatiles from Different Caterpillar-Infested or Uninfested Food Plants of Pieris Species. Journal of Chemical Ecology, 1997, 23, 2935-2954. | 0.9 | 158 |
| 18 | Response of a phytoseiid predator to herbivore-Induced plant volatiles: Selection on attraction and effect on prey exploitation. Journal of Insect Behavior, 1997, 10, 695-709. | 0.4 | 53 |
| 19 | Title is missing!. Journal of Chemical Ecology, 1998, 24, 1355-1368. | 0.9 | 382 |

| # | Article | IF | Citations |
|---|---|---|---|
| 20 | Title is missing!. Journal of Chemical Ecology, 1998, 24, 37-48. | 0.9 | 22 |
| 21 | 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 |
| 22 | Title is missing!. Experimental and Applied Acarology, 1998, 22, 311-333. | 0.7 | 152 |
| 23 | Circadian rhythmicity in emission of volatile compounds by flowers of Rosa hybrida L. cv. Honesty. Planta, 1998, 207, 88-95. | 1.6 | 100 |
| 24 | Plant Effects on Parasitoid Foraging: Differences between Two Tritrophic Systems. Biological Control, 1998, 11, 97-103. | 1.4 | 55 |
| 25 | Long-Distance Assessment of Patch Profitability through Volatile Infochemicals by the ParasitoidsCotesia glomerataandC. rubecula(Hymenoptera: Braconidae). Biological Control, 1998, 11, 113-121. | 1.4 | 88 |
| 26 | Factors affecting the resident time of the predatory mite Phytoseiulus persimilis (Acari : Phytoseiidae) in a prey patch. Applied Entomology and Zoology, 1998, 33, 573-576. | 0.6 | 23 |
| 27 | Response of the predatory mite, Amblyseius womersleyi (Acari : Phytoseiidae), toward herbivore-induced plant volatiles : Variation in response between two local populations. Applied Entomology and Zoology, 1999, 34, 449-454. | 0.6 | 31 |
| 28 | Biogenic Emissions of Volatile Organic Compounds from Higher Plants. , 1999, , 41-96. |  | 98 |
| 29 | Spider Mite-Induced (3S)-(E)-Nerolidol Synthase Activity in Cucumber and Lima Bean. The First Dedicated Step in Acyclic C11-Homoterpene Biosynthesis. Plant Physiology, 1999, 121, 173-180. | 2.3 | 119 |
| 30 | Extrafloral nectaries and chemical signals of Fallopia japonica and Fallopia sachalinensis (Polygonaceae), and their roles as defense systems against insect herbivory. Plant Species Biology, 1999, 14, 167-178. | 0.6 | 17 |
| 31 | Floral scents, leaf volatiles and thermogenic flowers in Magnoliaceae. Plant Species Biology, 1999, 14, 121-127. | 0.6 | 44 |
| 32 | Plants with spider-mite prey attract more predatory mites than clean plants under greenhouse conditions. Entomologia Experimentalis Et Applicata, 1999, 90, 191-198. | 0.7 | 86 |
| 33 | Are herbivoreâ€induced plant volatiles reliable indicators of herbivore identity to foraging carnivorous arthropods?. Entomologia Experimentalis Et Applicata, 1999, 91, 131-142. | 0.7 | 259 |
| 34 | Absence of odour-mediated avoidance of heterospecific competitors by the predatory mite Phytoseiulus persimilis. Entomologia Experimentalis Et Applicata, 1999, 92, 73-82. | 0.7 | 25 |
| 35 | Jasmonic acid induces the production of gerbera volatiles that attract the biological control agent Phytoseiulus persimilis. Entomologia Experimentalis Et Applicata, 1999, 93, 77-86. | 0.7 | 71 |
| 36 | Attraction of a generalist predator towards herbivore-infested plants. Entomologia Experimentalis Et Applicata, 1999, 93, 303-312. | 0.7 | 43 |
| 37 | Sex-Related Perception of Insect and Plant Volatiles in Lygocoris pabulinus. Journal of Chemical Ecology, 1999, 25, 2357-2371. | 0.9 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 38 | Title is missing!. Journal of Chemical Ecology, 1999, 25, 2623-2641. | 0.9 | 42 |
| 39 | Title is missing!. Journal of Chemical Ecology, 1999, 25, 1585-1595. | 0.9 | 10 |
| 40 | Plant Volatiles as a Defense against Insect Herbivores. Plant Physiology, 1999, 121, 325-332. | 2.3 | 1,030 |
| 41 | Secondary Metabolites in Plant-Insect Interactions: Dynamic Systems of Induced and Adaptive Responses. Advances in Botanical Research, 1999, , 91-115. | 0.5 | 11 |
| 42 | Allelopathy: Principles, Procedures, Processes, and Promises for Biological Control. Advances in Agronomy, 1999, 67, 141-231. | 2.4 | 100 |
| 43 | Direct and indirect cues of predation risk influence behavior and reproduction of prey: a case for acarine interactions. Behavioral Ecology, 1999, 10, 422-427. | 1.0 | 149 |
| 44 | The Influence of the Host Plant of the Cassava MealybugPhenacoccus manihotion the Plant and Host Preferences of Its ParasitoidApoanagyrus lopezi. Biological Control, 1999, 15, 64-70. | 1.4 | 10 |
| 45 | The effects of rearing conditions on the olfactory response of predatory mites, Phytoseiulus persimilis and Amblyseius womersleyi (Acari: Phytoseiidae).. Applied Entomology and Zoology, 2000, 35, 345-351. | 0.6 | 19 |
| 46 | 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 |
| 47 | Induction of Plant Synomones by Oviposition of a Phytophagous Insect. Journal of Chemical Ecology, 2000, 26, 221-232. | 0.9 | 181 |
| 48 | Title is missing!. Journal of Chemical Ecology, 2000, 26, 497-511. | 0.9 | 49 |
| 49 | Change in Behavioral Response to Herbivore-induced Plant Volatiles in a Predatory Mite Population. Journal of Chemical Ecology, 2000, 26, 1497-1514. | 0.9 | 28 |
| 50 | Effects of light on the tritrophic interaction between kidney bean plants, two-spotted spider mites and predatory mites, Amblyseius womersleyi (Acari: Phytoseiidae). Experimental and Applied Acarology, 2000, 24, 415-425. | 0.7 | 52 |
| 51 | Induced response of tomato plants to injury by green and red strains of Tetranychus urticae. Experimental and Applied Acarology, 2000, 24, 377-383. | 0.7 | 30 |
| 52 | How predatory mites learn to cope with variability in volatile plant signals in the environment of their herbivorous prey. Experimental and Applied Acarology, 2000, 24, 881-895. | 0.7 | 83 |
| 53 | Examining plant-parasitoid interactions in tritrophic systems. Neotropical Entomology, 2000, 29, 189-203. | 0.2 | 29 |
| 54 | Attraction of a predator to chemical information related to nonprey: when can it be adaptive?. Behavioral Ecology, 2000, 11, 606-613. | 1.0 | 28 |
| 55 | Airborne Volatiles from <i>Melinis minutiflora</i> P. Beauv., a Non-Host Plant of the Spotted Stem Borer. Journal of Essential Oil Research, 2000, 12, 221-224. | 1.3 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 56 | Purification and Characterization of S-Adenosyl--methionine:Benzoic Acid Carboxyl Methyltransferase, the Enzyme Responsible for Biosynthesis of the Volatile Ester Methyl Benzoate in Flowers of Antirrhinum majus. Archives of Biochemistry and Biophysics, 2000, 382, 145-151. | 1.4 | 90 |
| 57 | Understanding and Manipulating Plant Attributes to Enhance Biological Control. Biological Control, 2000, 17, 35-49. | 1.4 | 265 |
| 58 | An herbivore elicitor activates the gene for indole emission in maize. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14801-14806. | 3.3 | 254 |
| 59 | Involvement of Jasmonate- and Salicylate-Related Signaling Pathways for the Production of Specific Herbivore-Induced Volatiles in Plants. Plant and Cell Physiology, 2000, 41, 391-398. | 1.5 | 249 |
| 60 | Plant Odor Analysis of Apple:Â Antennal Response of Codling Moth Females to Apple Volatiles during Phenological Development. Journal of Agricultural and Food Chemistry, 2001, 49, 3736-3741. | 2.4 | 152 |
| 61 | Seasonal patterns of non-terpenoid C6â€“C10 VOC emission from seven Mediterranean woody species. Chemosphere, 2001, 45, 237-244. | 4.2 | 38 |
| 62 | Monitoring Biogenic Volatile Compounds Emitted byEucalyptus citriodoraUsing SPME. Analytical Chemistry, 2001, 73, 4729-4735. | 3.2 | 75 |
| 63 | The Effect of Mechanical Wounding on the Composition of Essential Oil from Ocimum Minimum L. Leaves. Molecules, 2001, 6, 79-86. | 1.7 | 16 |
| 64 | Parasitoid searching efficiency links behaviour to population processes.. Applied Entomology and Zoology, 2001, 36, 399-408. | 0.6 | 53 |
| 65 | Production of herbivore-induced plant volatiles and their attractiveness to Phytoseius persimilis(Acari: Phytoseiidae) with changes of Tetranychus urticae(Acari: Tetranychidae) density on a plant.. Applied Entomology and Zoology, 2001, 36, 47-52. | 0.6 | 62 |
| 66 | Migration of specialist insect predators to exploit patchily distributed spider mites. Population Ecology, 2001, 43, 15-21. | 0.7 | 13 |
| 67 | Variation in damage to cotton affecting larval feeding preference of Spodoptera littoralis. Entomologia Experimentalis Et Applicata, 2001, 101, 191-198. | 0.7 | 28 |
| 68 | Attraction of the predatory mites Typhlodromalus manihoti and Typhlodromalus aripo to cassava plants infested by cassava green mite. Entomologia Experimentalis Et Applicata, 2001, 101, 291-298. | 0.7 | 20 |
| 69 | Myrmecosymbiosis in the Bornean Macaranga species with special reference to food bodies (Beccarian) Tj ETQq1 1 0.784314 rgBT /Ove | 0.6 | 3 |
| 70 | Inducible Defense against Pathogens and Parasites: Optimal Choice among Multiple Options. Journal of Theoretical Biology, 2001, 209, 233-247. | 0.8 | 110 |
| 71 | Comparison of cultivars of ornamental crop Gerbera jamesonii on production of spider mite-induced volatiles, and their attractiveness to the predator Phytoseiulus persimilis. Journal of Chemical Ecology, 2001, 27, 1355-1372. | 0.9 | 52 |
| 72 | Attraction of a leaf beetle (Oreina cacaliae) to damaged host plants. Journal of Chemical Ecology, 2001, 27, 647-661. | 0.9 | 82 |
| 73 | Analysis of volatiles induced by oviposition of elm leaf beetle Xanthogaleruca luteola on Ulmus minor. Journal of Chemical Ecology, 2001, 27, 499-515. | 0.9 | 62 |

| # | Article | IF | Citations |
|---|---|---|---|
| 74 | 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 |
| 75 | Herbivore-induced volatile production by Arabidopsis thaliana leads to attraction of the parasitoid Cotesia rubecula: chemical, behavioral, and gene-expression analysis. Journal of Chemical Ecology, 2001, 27, 1911-1928. | 0.9 | 310 |
| 76 | Title is missing!. Journal of Insect Behavior, 2001, 14, 557-572. | 0.4 | 12 |
| 77 | ROLE OF RICE VOLATILES IN THE FORAGING BEHAVIOUR OF CYRTORHINUS LIVIDIPENNIS REUTER. Insect Science, 2001, 8, 240-250. | 1.5 | 1 |
| 78 | Traditional fertilization and its effect on corn insect populations in the Guatemalan highlands. Agriculture, Ecosystems and Environment, 2001, 84, 145-155. | 2.5 | 67 |
| 79 | Meta-analysis of laboratory experiments on plantâ€"plant information transfer. Biochemical Systematics and Ecology, 2001, 29, 1089-1102. | 0.6 | 15 |
| 80 | Molecular Interactions between the Specialist HerbivoreManduca sexta (Lepidoptera, Sphingidae) and Its Natural Host Nicotiana attenuata. II. Accumulation of Plant mRNAs in Response to Insect-Derived Cues. Plant Physiology, 2001, 125, 701-710. | 2.3 | 101 |
| 81 | Attraction of Phytoseiulus persimilis (Acari: Phytoseiidae) towards volatiles from various Tetranychus urticae-infested plant species. Bulletin of Entomological Research, 2002, 92, 539-546. | 0.5 | 30 |
| 82 | The Effects of Abiotic Factors on Induced Volatile Emissions in Corn Plants. Plant Physiology, 2002, 129, 1296-1307. | 2.3 | 470 |
| 83 | Automation of Solid-Phase Microextraction-Gas Chromatography-Mass Spectrometry Extraction of Eucalyptus Volatiles. Journal of Chromatographic Science, 2002, 40, 140-146. | 0.7 | 24 |
| 84 | Functions of Plant Infochemicals in Tritrophic Interactions between Plants, Herbivores and Carnivorous Natural Enemies.. Japanese Journal of Applied Entomology and Zoology, 2002, 46, 117-133. | 0.5 | 22 |
| 85 | Plant genetic variation in tritrophic interactions. , 2002, , 8-43. | | 62 |
| 86 | Consequences of Plant-Herbivore Coevolution on the Dynamics and Functioning of Ecosystems. Journal of Theoretical Biology, 2002, 217, 369-381. | 0.8 | 42 |
| 87 | Floral scent chemistry of mangrove plants. Journal of Plant Research, 2002, 115, 47-53. | 1.2 | 47 |
| 88 | A breath of fresh air: beyond laboratory studies of plant volatile-natural enemy interactions. Agricultural and Forest Entomology, 2002, 4, 81-86. | 0.7 | 55 |
| 89 | Differential attractiveness of induced odors emitted by eight maize varieties for the parasitoid cotesia marginiventris: is quality or quantity important?. Journal of Chemical Ecology, 2002, 28, 951-968. | 0.9 | 164 |
| 90 | Systemic release of herbivore-induced plant volatiles by turnips infested by concealed root-feeding larvae Delia radicum L. Journal of Chemical Ecology, 2002, 28, 1717-1732. | 0.9 | 90 |
| 91 | Prey-related odor preference of the predatory mites Typhlodromalus manihoti and Typhlodromalus aripo (Acari: Phytoseiidae). Experimental and Applied Acarology, 2002, 27, 39-56. | 0.7 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 92 | Chemical analysis of volatiles emitted by Pinus svlvestris after induction by insect oviposition. Journal of Chemical Ecology, 2003, 29, 1235-1252. | 0.9 | 125 |
| 93 | Field evaluation of herbivore-induced plant volatiles as attractants for beneficial insects: methyl salicylate and the green lacewing, Chrysopa nigricornis. Journal of Chemical Ecology, 2003, 29, 1601-1609. | 0.9 | 185 |
| 94 | Title is missing!. BioControl, 2003, 48, 73-86. | 0.9 | 44 |
| 95 | Functional identification of AtTPS03 as (E)-Î²-ocimene synthase: a monoterpene synthase catalyzing jasmonate- and wound-induced volatile formation in Arabidopsis thaliana. Planta, 2003, 216, 745-751. | 1.6 | 134 |
| 96 | Preference and performance of a willow-feeding leaf beetle: soil nutrient and flooding effects on host quality. Oecologia, 2003, 136, 402-411. | 0.9 | 35 |
| 97 | Inducible indirect defence of plants: from mechanisms to ecological functions. Basic and Applied Ecology, 2003, 4, 27-42. | 1.2 | 243 |
| 98 | Evolution of induced plant responses to herbivores. Basic and Applied Ecology, 2003, 4, 91-103. | 1.2 | 87 |
| 99 | Searching behaviour of the sevenspotted ladybird, Coccinella septempunctata - effects of plant-plant odour interaction. Oikos, 2003, 100, 65-70. | 1.2 | 47 |
| 100 | Manipulation of parasitoids for aphid pest management: progress and prospects. Pest Management Science, 2003, 59, 149-155. | 1.7 | 77 |
| 102 | Synthetic Herbivore-Induced Plant Volatiles as Field Attractants for Beneficial Insects. Environmental Entomology, 2003, 32, 977-982. | 0.7 | 161 |
| 103 | Nitrogen Deficiency Increases Volicitin-Induced Volatile Emission, Jasmonic Acid Accumulation, and Ethylene Sensitivity in Maize. Plant Physiology, 2003, 133, 295-306. | 2.3 | 128 |
| 104 | Associative Learning of Complex Odours in Parasitoid Host Location. Chemical Senses, 2003, 28, 231-236. | 1.1 | 80 |
| 105 | Recruitment of predators and parasitoids by herbivore-injured plants. , 2004, , 21-75. | | 240 |
| 106 | Nitrogen Supply Influences Herbivore-Induced Direct and Indirect Defenses and Transcriptional Responses in Nicotiana attenuata. Plant Physiology, 2004, 135, 496-506. | 2.3 | 128 |
| 107 | Emission of Plutella xylostella-Induced Compounds from Cabbages Grown at Elevated CO2 and Orientation Behavior of the Natural Enemies. Plant Physiology, 2004, 135, 1984-1992. | 2.3 | 157 |
| 108 | Experience with methyl salicylate affects behavioural responses of a predatory mite to blends of herbivore-induced plant volatiles. Entomologia Experimentalis Et Applicata, 2004, 110, 181-189. | 0.7 | 45 |
| 109 | Host plant influence on the mating success of male Mediterranean fruit flies: variable effects within and between individual plants. Animal Behaviour, 2004, 68, 417-426. | 0.8 | 43 |
| 110 | Indirect Defence of Plants against Herbivores: UsingArabidopsis thalianaas a Model Plant. Plant Biology, 2004, 6, 387-401. | 1.8 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 111 | Qualitative and Quantitative Variation Among Volatile Profiles Induced by Tetranychus urticae Feeding on Plants from Various Families. Journal of Chemical Ecology, 2004, 30, 69-89. | 0.9 | 211 |
| 112 | The Role of Methyl Salicylate in Prey Searching Behavior of the Predatory Mite Phytoseiulus persimilis. Journal of Chemical Ecology, 2004, 30, 255-271. | 0.9 | 188 |
| 113 | Identification of Volatiles That Are Used in Discrimination Between Plants Infested with Prey or Nonprey Herbivores by a Predatory Mite. Journal of Chemical Ecology, 2004, 30, 2215-2230. | 0.9 | 194 |
| 114 | Ozone exposure triggers the emission of herbivore-induced plant volatiles, but does not disturb tritrophic signalling. Environmental Pollution, 2004, 131, 305-311. | 3.7 | 99 |
| 115 | Floral benzenoid carboxyl methyltransferases: From in vitro to in planta function. Phytochemistry, 2005, 66, 1211-1230. | 1.4 | 113 |
| 116 | How rainfall, relative humidity and temperature influence volatile emissions from apple trees in situ. Phytochemistry, 2005, 66, 1540-1550. | 1.4 | 171 |
| 117 | Geographical traceability of West Liguria extravirgin olive oils by the analysis of volatile terpenoid hydrocarbons. Journal of Chromatography A, 2005, 1089, 243-249. | 1.8 | 53 |
| 118 | Response of Neoseiulus fallacis Garmen and Galendromus occidentalis Nesbitt (Acari: Phytoseiidae) to Tetranychus urticae Koch (Acari: Tetranychidae)-Damaged Hop Humulus lupulus (L.) (Urticales:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.7 | 6 |
| 119 | Interaction between cucumber plants and the broad mite,Polyphagotarsonemus latus: from damage to defense gene expression. Entomologia Experimentalis Et Applicata, 2005, 115, 135-144. | 0.7 | 37 |
| 120 | Is arthropod predation exclusively satiation-driven?. Oikos, 2005, 109, 101-116. | 1.2 | 24 |
| 121 | How predatory mites find plants with whitefly prey. Experimental and Applied Acarology, 2005, 36, 263-275. | 0.7 | 17 |
| 122 | Variation In Plant Volatiles and Attraction Of The ParasitoidDiadegma semiclausum(HellÃ©n). Journal of Chemical Ecology, 2005, 31, 461-480. | 0.9 | 96 |
| 123 | Visual Cues Enhance the Response of <I>Lygus hesperus</I> (Heteroptera: Miridae) to Volatiles from Host Plants. Environmental Entomology, 2005, 34, 1524-1533. | 0.7 | 64 |
| 124 | In Situ Modification of Herbivore-Induced Plant Odors: A Novel Approach to Study the Attractiveness of Volatile Organic Compounds to Parasitic Wasps. Chemical Senses, 2005, 30, 739-753. | 1.1 | 122 |
| 125 | Effects of Cyclamen Mite (Phytonemus pallidus) and Leaf Beetle (Galerucella tenella) Damage on Volatile Emission from Strawberry (FragariaÃ—ananassaDuch.) Plants and Orientation of Predatory Mites (Neoseiulus cucumeris,N. californicus,andEuseius finlandicus). Journal of Agricultural and Food Chemistry, 2005, 53, 8624-8630. | 2.4 | 21 |
| 126 | Herbivore-induced, indirect plant defences. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1734, 91-111. | 1.2 | 396 |
| 127 | Response of the Beetle<i>Hylastinus obscurus</i>Marsham (Coleoptera: Scolytidae) to Red Clover (<i>Trifolium pratense</i>L.) Volatiles in a Laboratory Olfactometer. Environmental Entomology, 2005, 34, 690-695. | 0.7 | 24 |
| 128 | Advances and challenges in the identification of volatiles that mediate interactions among plants and arthropods. Analyst, The, 2006, 131, 24-32. | 1.7 | 161 |

| # | Article | IF | Citations |
|---|---|---|---|
| 129 | Intact lima bean plants exposed to herbivore-induced plant volatiles attract predatory mites and spider mites at different levels according to plant parts. Applied Entomology and Zoology, 2006, 41, 537-543. | 0.6 | 9 |
| 130 | Resistance to insect pests: What do legumes have to offer?. Euphytica, 2006, 147, 273-285. | 0.6 | 86 |
| 131 | Impact of Botanical Pesticides Derived from Melia azedarach and Azadirachta indica Plants on the Emission of Volatiles that Attract Parasitoids of the Diamondback Moth to Cabbage Plants. Journal of Chemical Ecology, 2006, 32, 325-349. | 0.9 | 27 |
| 132 | Behavioral and electrophysiological responses of the emerald ash borer, Agrilus planipennis, to induced volatiles of Manchurian ash, Fraxinus mandshurica. Chemoecology, 2006, 16, 75-86. | 0.6 | 124 |
| 133 | Genetic Engineering Renders Plants Attractive to â€œBodyguardsâ€• Angewandte Chemie - International Edition, 2006, 45, 2008-2010. | 7.2 | 2 |
| 135 | Olfactory learning by predatory arthropods. Animal Biology, 2006, 56, 143-155. | 0.6 | 51 |
| 136 | Predation by Neoseiulus cucumeris on western flower thrips, and its oviposition on greenhouse cucumber under winter vs. summer conditions in a temperate climate. Biological Control, 2007, 40, 160-167. | 1.4 | 34 |
| 137 | PCR-based identification of the pathogenic bacterium, Acaricomes phytoseiuli, in the biological control agent Phytoseiulus persimilis (Acari: Phytoseiidae). Biological Control, 2007, 42, 316-325. | 1.4 | 18 |
| 138 | Synergism and redundancy in a plant volatile blend attracting grapevine moth females. Phytochemistry, 2007, 68, 203-209. | 1.4 | 118 |
| 139 | Herbivore-induced plant volatiles as cues for habitat assessment by a foraging parasitoid. Journal of Animal Ecology, 2007, 76, 1-8. | 1.3 | 50 |
| 140 | Electrophysiological responses of the blue willow leaf beetle, PhratoraÂvulgatissima, to volatiles of different SalixÂviminalis genotypes. Entomologia Experimentalis Et Applicata, 2007, 125, 157-164. | 0.7 | 13 |
| 141 | Temporal changes affect plant chemistry and tritrophic interactions. Basic and Applied Ecology, 2007, 8, 421-433. | 1.2 | 52 |
| 142 | Essential Compounds in Herbivore-Induced Plant Volatiles that Attract the Predatory Mite Neoseiulus womersleyi. Journal of Chemical Ecology, 2007, 33, 1670-1681. | 0.9 | 60 |
| 143 | Biological roles of monoterpene volatiles derived from rough lemon (Citrus jambhiri Lush) in citrus defense. Journal of General Plant Pathology, 2007, 73, 168-179. | 0.6 | 60 |
| 144 | Phytoseiulus persimilis response to herbivore-induced plant volatiles as a function of mite-days. Experimental and Applied Acarology, 2007, 40, 231-239. | 0.7 | 21 |
| 145 | Epirrita autumnata induced VOC emission of silver birch differ from emission induced by leaf fungal pathogen. Arthropod-Plant Interactions, 2007, 1, 159-165. | 0.5 | 72 |
| 146 | Performance of Generalist and Specialist Herbivores and their Endoparasitoids Differs on Cultivated and Wild Brassica Populations. Journal of Chemical Ecology, 2008, 34, 132-143. | 0.9 | 169 |
| 147 | Infestation by a Nalepella species induces emissions of Î±- and Î²-farnesenes, (âˆ')-linalool and aromatic compounds in Norway spruce clones of different susceptibility to the large pine weevil. Arthropod-Plant Interactions, 2008, 2, 31-41. | 0.5 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 148 | Influence of an endophytic fungus on host plant selection by a polyphagous moth via volatile spectrum changes. Arthropod-Plant Interactions, 2008, 2, 53-62. | 0.5 | 88 |
| 149 | Behavioural responses of the sevenâ€spot ladybird <i>Coccinella septempunctata </i>to plant headspace chemicals collected from four crop Brassicas and <i>Arabidopsis thaliana</i>, infested with <i>Myzus persicae</i>. Agricultural and Forest Entomology, 2008, 10, 297-306. | 0.7 | 17 |
| 150 | High altitude plants, chemistry of acclimation and adaptation. Studies in Natural Products Chemistry, 2008, 34, 883-982. | 0.8 | 20 |
| 151 | Induced Plant Resistance to Herbivory. , 2008, , . | | 93 |
| 152 | Chemical ecology and conservation biological control. Biological Control, 2008, 45, 210-224. | 1.4 | 208 |
| 153 | Ecological Roles of Vegetative Terpene Volatiles. , 2008, , 433-442. | | 6 |
| 154 | Preference and Performance of <I>Anagrus nilaparvatae</I> (Hymenoptera: Mymaridae): Effect of Infestation Duration and Density by <I>Nilaparvata lugens</I> (Homoptera: Delphacidae). Environmental Entomology, 2008, 37, 748-754. | 0.7 | 7 |
| 156 | Response of the Predatory Mite Phytoseiulus macropilis (Acari: Phytoseiidae) To Pesticides and Kairomones of Three Spider Mite Species (Acari: Tetranychidae), and Non-Prey Food. Florida Entomologist, 2009, 92, 554. | 0.2 | 11 |
| 157 | Do adult leaf beetles (Plagiodera versicolora) discriminate between odors from intact and leaf-beetle-infested willow shoots?. Journal of Plant Interactions, 2009, 4, 125-129. | 1.0 | 11 |
| 158 | Indirect Defense Responses to Herbivory in Grasses. Plant Physiology, 2009, 149, 96-102. | 2.3 | 64 |
| 159 | Neem chemicals disturb the behavioral response of Liriomyza huidobrensis to conspecific-induced potato volatiles. Pure and Applied Chemistry, 2009, 81, 85-95. | 0.9 | 4 |
| 160 | Biotic and Abiotic Factors Affect Green Ash Volatile Production and Emerald Ash Borer Adult Feeding Preference. Environmental Entomology, 2009, 38, 1756-1764. | 0.7 | 27 |
| 161 | Volatiles from a Mite-Infested Spruce Clone and Their Effects on Pine Weevil Behavior. Journal of Chemical Ecology, 2009, 35, 1262-1271. | 0.9 | 26 |
| 162 | Olfactory response of the ladybird beetle Stethorus gilvifrons to two preys and herbivore-induced plant volatiles. Phytoparasitica, 2009, 37, 217-224. | 0.6 | 19 |
| 163 | Field parasitism rates of caterpillars on <i>Brassica oleracea </i>plants are reliably predicted by differential attraction of <i>Cotesia</i> parasitoids. Functional Ecology, 2009, 23, 951-962. | 1.7 | 87 |
| 164 | Health monitoring of plants by their emitted volatiles: trichome damage and cell membrane damage are detectable at greenhouse scale. Annals of Applied Biology, 2009, 154, 441-452. | 1.3 | 35 |
| 165 | Biogenic volatile organic compounds in the Earth system. New Phytologist, 2009, 183, 27-51. | 3.5 | 461 |
| 166 | Polymorphism in jasmonate signaling partially accounts for the variety of volatiles produced by<i>Nicotiana attenuata</i>plants in a native population. New Phytologist, 2009, 183, 1134-1148. | 3.5 | 89 |

| # | Article | IF | Citations |
|---|---|---|---|
| 167 | Learned and naÃ¯ve natural enemy responses and the interpretation of volatile organic compounds as cues or signals. New Phytologist, 2009, 184, 768-782. | 3.5 | 95 |
| 168 | Nitrogen and water affect direct and indirect plant systemic induced defense in cotton. Biological Control, 2009, 49, 239-244. | 1.4 | 55 |
| 169 | Plant Volatiles Influence Electrophysiological and Behavioral Responses of Lygus hesperus. Journal of Chemical Ecology, 2010, 36, 467-478. | 0.9 | 61 |
| 170 | Genetic Variation in Jasmonic Acid- and Spider Mite-Induced Plant Volatile Emission of Cucumber Accessions and Attraction of the Predator Phytoseiulus persimilis. Journal of Chemical Ecology, 2010, 36, 500-512. | 0.9 | 41 |
| 171 | Present or Past Herbivory: A Screening of Volatiles Released from Brassica rapa Under Caterpillar Attacks as Attractants for the Solitary Parasitoid, Cotesia vestalis. Journal of Chemical Ecology, 2010, 36, 620-628. | 0.9 | 52 |
| 172 | Recognition of Novel Volatile Cues by the Nymphs of the Glassy-winged Sharpshooter, Homalodisca vitripennis (Cicadellidae). Journal of Insect Behavior, 2010, 23, 290-302. | 0.4 | 7 |
| 173 | Synergizing biological control: Scope for sterile insect technique, induced plant defences and cultural techniques to enhance natural enemy impact. Biological Control, 2010, 52, 198-207. | 1.4 | 81 |
| 174 | In the light of new greenhouse technologies: 1. Plantâ€mediated effects of artificial lighting on arthropods and tritrophic interactions. Annals of Applied Biology, 2010, 157, 393-414. | 1.3 | 88 |
| 175 | Flowerâ€scent mimicry masks a deadly trap in the carnivorous plant <i>Nepenthes rafflesiana</i>. Journal of Ecology, 2010, 98, 845-856. | 1.9 | 55 |
| 176 | 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 |
| 177 | The evolutionary context for herbivore-induced plant volatiles: beyond the â€˜cry for helpâ€™. Trends in Plant Science, 2010, 15, 167-175. | 4.3 | 973 |
| 178 | Identifying (<I>E</I>)-4,8-Dimethyl-1,3,7-Nonatriene Plus Acetic Acid as a New Lure for Male and Female Codling Moth (Lepidoptera: Tortricidae). Environmental Entomology, 2011, 40, 420-430. | 0.7 | 49 |
| 179 | Phenylacetonitrile from the Giant Knotweed, Fallopia sachalinensis, Infested by the Japanese Beetle, Popillia japonica, Is Induced by Exogenous Methyl Jasmonate. Molecules, 2011, 16, 6481-6488. | 1.7 | 12 |
| 180 | Insect attraction to synthetic herbivore-induced plant volatile-treated field crops. Agricultural and Forest Entomology, 2011, 13, 45-57. | 0.7 | 70 |
| 181 | Ecological Role of Volatiles Produced by Plants in Response to Damage by Herbivorous Insects. Annual Review of Entomology, 2011, 56, 161-180. | 5.7 | 401 |
| 182 | Chemical Cues for Host Location by the Chestnut Gall Wasp, Dryocosmus kuriphilus. Journal of Chemical Ecology, 2011, 37, 49-56. | 0.9 | 28 |
| 183 | Variation in Herbivory-induced Volatiles Among Cucumber (Cucumis sativus L.) Varieties has Consequences for the Attraction of Carnivorous Natural Enemies. Journal of Chemical Ecology, 2011, 37, 150-160. | 0.9 | 85 |
| 184 | Production of Herbivore-Induced Plant Volatiles is Constrained Seasonally in The Field but Predation on Herbivores is not. Journal of Chemical Ecology, 2011, 37, 430-442. | 0.9 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 185 | Impacts of cotton traits on the parasitization of Heliocoverpa armigera eggs by Trichogramma species. Gesunde Pflanzen, 2011, 63, 83-93. | 1.7 | 6 |
| 186 | Can forest trees compensate for stress-generated growth losses by induced production of volatile compounds?. Tree Physiology, 2011, 31, 1356-1377. | 1.4 | 71 |
| 187 | The predatory mite Typhlodromalus aripo prefers green-mite induced plant odours from pubescent cassava varieties. Experimental and Applied Acarology, 2012, 58, 359-370. | 0.7 | 17 |
| 188 | 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 |
| 189 | Asking the ecosystem if herbivory-inducible plant volatiles (HIPVs) have defensive functions. , 2012, , 287-307. | | 5 |
| 190 | Toxicology of the Bioinsecticides Used in Agricultural Food Production. , 2012, , . | | 2 |
| 191 | Olfactory Responses of the Asiatic Citrus Psyllid (<i>Diaphorina citri</i>) to Mineral Oil-Treated Mandarin Leaves. American Journal of Agricultural and Biological Science, 2012, 7, 50-55. | 0.9 | 18 |
| 192 | Chemical Ecology Providing Novel Strategies Against Vineyard Pests in Australia. , 2012, , 119-138. | | 1 |
| 193 | The Impact of Induced Plant Volatiles on Plant-Arthropod Interactions. , 2012, , 15-73. | | 5 |
| 194 | Electrophysiological and Behavioral Responses of the Black-Banded Oak Borer, Coroebus florentinus, to Conspecific and Host-Plant Volatiles. Journal of Chemical Ecology, 2012, 38, 378-388. | 0.9 | 30 |
| 195 | Minor effects of two elicitors of insect and pathogen resistance on volatile emissions and parasitism of Spodoptera frugiperda in Mexican maize fields. Biological Control, 2012, 60, 7-15. | 1.4 | 50 |
| 196 | Larval parasitism rate increases in herbivoreâ€damaged trees: a field experiment with cyclic birch feeding moths. Oikos, 2012, 121, 1525-1531. | 1.2 | 12 |
| 197 | Inbreeding alters volatile signalling phenotypes and influences triâ€trophic interactions in horsenettle (<i>Solanum carolinense</i> L.). Ecology Letters, 2012, 15, 301-309. | 3.0 | 74 |
| 198 | Variations in direct and indirect defenses against herbivores on young plants of Mallotus japonicus in relation to soil moisture conditions. Journal of Plant Research, 2012, 125, 71-76. | 1.2 | 22 |
| 199 | Chemical and Sensory Analysis of Commercial Tomato Juices Present on the Italian and Spanish Markets. Journal of Agricultural and Food Chemistry, 2013, 61, 1044-1050. | 2.4 | 30 |
| 200 | Canopy light cues affect emission of constitutive and methyl jasmonateâ€induced volatile organic compounds in <i><scp>A</scp>rabidopsis thaliana</i>. New Phytologist, 2013, 200, 861-874. | 3.5 | 78 |
| 201 | Symbiotic fungi alter plant chemistry that discourages leafâ€cutting ants. New Phytologist, 2013, 198, 241-251. | 3.5 | 95 |
| 202 | Can caterpillar density or host-plant quality explain host-plant-related parasitism of a generalist forest caterpillar assemblage?. Oecologia, 2013, 173, 971-983. | 0.9 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 204 | Seasonal variations in terpene emission factors of dominant species in four ecosystems in NE Spain. Atmospheric Environment, 2013, 70, 149-158. | 1.9 | 33 |
| 205 | Maize Developmental Stage Affects Indirect and Direct Defense Expression. Environmental Entomology, 2013, 42, 1309-1321. | 0.7 | 7 |
| 206 | Comparative Study of the Volatilesâ€™ Composition of Healthy and Larvae-Infested Artemisia ordosica. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 8-12. | 0.6 | 1 |
| 207 | Use of Glacial Acetic Acid to Enhance Bisexual Monitoring of Tortricid Pests With Kairomone Lures in Pome Fruits. Environmental Entomology, 2014, 43, 1628-1640. | 0.7 | 35 |
| 208 | Electrophysiological responses of the rice leaffolder, Cnaphalocrocis medinalis, to rice plant volatiles. Journal of Insect Science, 2014, 14, 70. | 0.6 | 19 |
| 209 | Elevated volatile concentrations in highâ€nutrient plants: do insect herbivores pay a high price for good food?. Ecological Entomology, 2014, 39, 480-491. | 1.1 | 21 |
| 210 | Volatile organic compound emissions from Alnus glutinosa under interacting drought and herbivory stresses. Environmental and Experimental Botany, 2014, 100, 55-63. | 2.0 | 105 |
| 211 | Herbivore-induced indirect defense across bean cultivars is independent of their degree of direct resistance. Experimental and Applied Acarology, 2014, 63, 217-239. | 0.7 | 15 |
| 212 | Differential allocation and deployment of direct and indirect defences by <i>Vicia sepium</i> along elevation gradients. Journal of Ecology, 2014, 102, 930-938. | 1.9 | 53 |
| 213 | Evidence of Local Adaptation in Plant Virus Effects on Host-Vector Interactions. Integrative and Comparative Biology, 2014, 54, 193-209. | 0.9 | 52 |
| 214 | Plant volatiles in polluted atmospheres: stress responses and signal degradation. Plant, Cell and Environment, 2014, 37, 1892-1904. | 2.8 | 150 |
| 215 | Smelling the tree and the forest: elm background odours affect egg parasitoid orientation to herbivore induced terpenoids. BioControl, 2014, 59, 29-43. | 0.9 | 19 |
| 216 | Water shortage and quality of fleshy fruitsâ€"making the most of the unavoidable. Journal of Experimental Botany, 2014, 65, 4097-4117. | 2.4 | 175 |
| 217 | Electrophysiological Responses of the Rice Leaffolder,Cnaphalocrocis medinalis, to Rice plant Volatiles. Journal of Insect Science, 2014, 14, 1-14. | 0.6 | 3 |
| 218 | Time scales of associating food and odor by predator communities in the field. Behavioral Ecology, 2014, 25, 1123-1130. | 1.0 | 10 |
| 219 | Antenna-predominant and male-biased CSP19 of Sesamia inferens is able to bind the female sex pheromones and host plant volatiles. Gene, 2014, 536, 279-286. | 1.0 | 156 |
| 220 | Artificial Chemistry, observation through simulations. , 2014, , . | | 0 |
| 221 | Volatile organic compounds as non-invasive markers for plant phenotyping. Journal of Experimental Botany, 2015, 66, 5403-5416. | 2.4 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 222 | Vineyard proximity to riparian habitat influences Western grape leafhopper (Erythroneura elegantula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 2.5 | 16 |
| 223 | Sources of volatiles mediating host location behaviour of Glypta haesitator, a larval parasitoid of Cydia nigricana. Biological Control, 2015, 90, 128-140. | 1.4 | 10 |
| 224 | Volatile organic compounds emitted from silver birch of different provenances across a latitudinal gradient in Finland. Tree Physiology, 2015, 35, 975-986. | 1.4 | 18 |
| 225 | Mixture of Synthetic Herbivore-induced Plant Volatiles Attracts More Stethorus punctum picipes (Casey) (Coleoptera: Coccinellidae) than a Single Volatile. Journal of Insect Behavior, 2015, 28, 126-137. | 0.4 | 24 |
| 226 | Corolla structure and fragrance components in Styrax tonkinensis. Trees - Structure and Function, 2015, 29, 1127-1134. | 0.9 | 12 |
| 227 | Parasitic Wasps Aphidius ervi are More Attracted to a Blend of Host-Induced Plant Volatiles than to the Independent Compounds. Journal of Chemical Ecology, 2015, 41, 801-807. | 0.9 | 52 |
| 228 | Intimate Rendezvous in a Tritrophic Context? Nothing but the Girls for Male <i><scp>L</scp>ysiphlebus testaceipes</i>. Ethology, 2015, 121, 236-244. | 0.5 | 3 |
| 229 | Drought stress affects plant metabolites and herbivore preference but not host location by its parasitoids. Oecologia, 2015, 177, 701-713. | 0.9 | 75 |
| 230 | <p class="HeadingRunIn"><strong>Prey consumption and functional response of <em>Neoseiulus</em> californicus and <em>Neoseiulus longispinosus</em> (Acari: Phytoseiidae) on <em>Tetranychus urticae</em> and <em>Tetranychus kanzawai </em>(Acari: Tetranychidae)</strong></p>. Systematic and Applied Acarology, 2016, 21, 936. | 0.5 | 26 |
| 231 | Cytochrome P450 CYP71AT96 catalyses the final step of herbivore-induced phenylacetonitrile biosynthesis in the giant knotweed, Fallopia sachalinensis. Plant Molecular Biology, 2016, 91, 229-239. | 2.0 | 30 |
| 232 | Interactions of two odorantâ€binding proteins influence insect chemoreception. Insect Molecular Biology, 2016, 25, 712-723. | 1.0 | 44 |
| 233 | Can plantâ€"natural enemy communication withstand disruption by biotic and abiotic factors?. Ecology and Evolution, 2016, 6, 8569-8582. | 0.8 | 39 |
| 234 | Are naÃ¯ve birds attracted to herbivore-induced plantÂdefences?. Behaviour, 2016, 153, 353-366. | 0.4 | 17 |
| 235 | Transcriptomic and metabolomic analyses of cucumber fruit peels reveal a developmental increase in terpenoid glycosides associated with age-related resistance to Phytophthora capsici. Horticulture Research, 2017, 4, 17022. | 2.9 | 54 |
| 236 | Habitat variation, mutualism and predation shape the spatioâ€temporal dynamics of tansy aphids. Ecological Entomology, 2017, 42, 389-401. | 1.1 | 18 |
| 237 | Effects of water stress on emission of volatile organic compounds by Vicia faba, and consequences for attraction of the egg parasitoid Trissolcus basalis. Journal of Pest Science, 2017, 90, 635-647. | 1.9 | 29 |
| 238 | Attraction of Parastethorus nigripes and other insect species to methyl salicylate and (Z)-3-hexenyl acetate dispensers in a citrus grove and vineyard in south-eastern Australia. Phytoparasitica, 2017, 45, 639-649. | 0.6 | 6 |
| 239 | Race of Arms: Herbivore-Induced Volatiles and Their Co-evolution. , 2017, , 255-269. |  | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 240 | Herbivore-Induced Plant Volatiles. , 2017, , 285-298. | | 1 |
| 241 | Nucleopolyhedrovirus infection enhances plant defences by increasing plant volatile diversity. Biocontrol Science and Technology, 2017, 27, 1292-1307. | 0.5 | 5 |
| 242 | Volatiles and Food Security. , 2017, , . | | 12 |
| 243 | Preference ofTetranychus urticae(Acari: Tetranychidae) for Kidney Beans Pre-Infested byFrankliniella occidentalis(Thysanoptera: Thripidae) and Possible Roles of Induced Bean Volatiles. Journal of the Kansas Entomological Society, 2017, 90, 313-322. | 0.1 | 3 |
| 244 | Crab spiders impact floral-signal evolution indirectly through removal of florivores. Nature Communications, 2018, 9, 1367. | 5.8 | 30 |
| 245 | Parasitoid waspsâ€™ exposure to host-infested plant volatiles affects their olfactory cognition of host-infested plants. Animal Cognition, 2018, 21, 79-86. | 0.9 | 9 |
| 246 | Three chemosensory proteins from the rice leaf folder <i>Cnaphalocrocis medinalis</i> involved in host volatile and sex pheromone reception. Insect Molecular Biology, 2018, 27, 710-723. | 1.0 | 28 |
| 247 | Parasitic Wasps Can Reduce Mortality of Teosinte Plants Infested With Fall Armyworm: Support for a Defensive Function of Herbivore-Induced Plant Volatiles. Frontiers in Ecology and Evolution, 2018, 6, . | 1.1 | 17 |
| 248 | Associative learning in immature lacewings ( Ceraeochrysa cubana ). Entomologia Experimentalis Et Applicata, 2019, 167, 775-783. | 0.7 | 4 |
| 249 | Evolution of temporal dynamic of volatile organic compounds (VOCs) and odors of hemp stem during field retting. Planta, 2019, 250, 1983-1996. | 1.6 | 6 |
| 250 | Caterpillar-induced plant volatiles attract conspecific and heterospecific adults for oviposition within a community of lepidopteran stemborers on maize plant. Chemoecology, 2019, 29, 89-101. | 0.6 | 15 |
| 251 | Relative importance of host and plant semiochemicals in the foraging behavior of Trichogramma achaeae, an egg parasitoid of Tuta absoluta. Journal of Pest Science, 2019, 92, 1479-1488. | 1.9 | 26 |
| 252 | Volatiles from Maruca vitrata (Lepidoptera, Crambidae) host plants influence olfactory responses of the parasitoid Therophilus javanus (Hymenoptera, Braconidae, Agathidinae). Biological Control, 2019, 130, 104-109. | 1.4 | 5 |
| 253 | An odorant receptor and glomerulus responding to farnesene in Helicoverpa assulta (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.2 | 33 |
| 254 | Attraction of adult Harmonia axyridis to volatiles of the insectary plant Cnidium monnieri. Biological Control, 2020, 143, 104189. | 1.4 | 14 |
| 255 | Volatiles of bacteria associated with parasitoid habitats elicit distinct olfactory responses in an aphid parasitoid and its hyperparasitoid. Functional Ecology, 2020, 34, 507-520. | 1.7 | 24 |
| 256 | Attraction of <<I>Callosobruchus maculates</I> fabricius (Coleoptera: Chrysomelidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Research, 2020, 19, 32-39. | 0.2 | 1 |
| 257 | Hop (Humulus lupulus L.) terroir has large effect on a glycosylated green leaf volatile but not on other aroma glycosides. Food Chemistry, 2020, 321, 126644. | 4.2 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 258 | Plant Preferences of Z-Pheromone Race Ostrinia nubilalis (Lepidoptera: Crambidae) Based on Leaf Tissue Consumption Rates. Journal of Economic Entomology, 2020, 113, 1563-1567. | 0.8 | 0 |
| 259 | Herbivore-induced plant volatiles from red spider mite, Oligonychus coffeae infested tea plants as attractant cues for the predatory mite, Neoseiulus longispinosus. Materials Today: Proceedings, 2021, 41, 613-617. | 0.9 | 0 |
| 260 | Plant Allelochemicals as Sources of Insecticides. Insects, 2021, 12, 189. | 1.0 | 58 |
| 261 | Beetles as floral visitors in the Magnoliaceae: an evolutionary perspective. Arthropod-Plant Interactions, 2021, 15, 273-283. | 0.5 | 4 |
| 262 | Indirect plant defenses: volatile organic compounds and extrafloral nectar. Arthropod-Plant Interactions, 2021, 15, 467. | 0.5 | 12 |
| 263 | UV-induced citrus resistance to spider mites (Tetranychus urticae). Crop Protection, 2021, 144, 105580. | 1.0 | 0 |
| 264 | Using Cucumis sativus, Acalymma vittatum, Celatoria setosa, and generalist pollinators as a case study for plantâ€“insect interactions. Arthropod-Plant Interactions, 2021, 15, 637-644. | 0.5 | 0 |
| 265 | Volatile emission and biosynthesis in endophytic fungi colonizing black poplar leaves. Beilstein Journal of Organic Chemistry, 2021, 17, 1698-1711. | 1.3 | 3 |
| 266 | Fe induces a dynamic and biased allocation of material flux within terpenoid metabolism controlled by CbNudix in Conyza blinii. Plant and Soil, 2021, 467, 421-436. | 1.8 | 4 |
| 267 | Cracking the code: a comparative approach to plant communication. Communicative and Integrative Biology, 2021, 14, 176-185. | 0.6 | 1 |
| 268 | Plant Production of Volatile Semiochemicals in Response to Insectâ€Derived Elicitors. Novartis Foundation Symposium, 1999, 223, 95-109. | 1.2 | 17 |
| 269 | Genetics and Biochemistry of Insect Resistance in Maize. , 2009, , 271-289. | | 48 |
| 270 | Role of Natural Products in Nature: Plant-Insect Interactions. , 2009, , 321-347. | | 7 |
| 271 | Herbivore-Induced Plant Volatiles with Multifunctional Effects in Ecosystems: A Complex Pattern of Biotic Interactions. , 1997, , 131-145. | | 3 |
| 272 | Insect-Plant Biology. , 1998, , . | | 541 |
| 273 | Plant Chemistry: Endless Variety. , 1998, , 31-82. | | 8 |
| 274 | Host-Plant Selection: How to Find a Host Plant. , 1998, , 121-153. | | 8 |
| 275 | The Preisolation Phase of In Situ Headspace Analysis: Methods and Perspectives. Modern Methods of Plant Analysis, 1997, , 1-22. | 0.1 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 276 | Analysis of Rhythmic Emission of Volatile Compounds of Rose Flowers. , 2002, , 199-221. | | 1 |
| 277 | Sensory Ecology of Arthropods Utilizing Plant Infochemicals. , 2001, , 253-270. | | 7 |
| 278 | BVOC-Mediated Plant-Herbivore Interactions. Tree Physiology, 2013, , 21-46. | 0.9 | 21 |
| 279 | Behavioural ecology of plantâ€"phytoseiid interactions mediated by herbivore-induced plant volatiles. , 1999, , 251-268. | | 4 |
| 280 | Are herbivore-induced plant volatiles reliable indicators of herbivore identity to foraging carnivorous arthropods?. , 1999, , 131-142. | | 8 |
| 281 | 10.1007/BF02382309. , 2011, , . | | 4 |
| 283 | Insect egg deposition induces <i>Pinus sylvestris</i> to attract egg parasitoids. Journal of Experimental Biology, 2002, 205, 455-461. | 0.8 | 195 |
| 284 | Metacommunity Dynamics: Decline of Functional Relationship along a Habitat Fragmentation Gradient. PLoS ONE, 2010, 5, e11294. | 1.1 | 22 |
| 285 | Herbivoreâ€induced plant volatiles and their potential role in integrated pest management. Progress in Plant Protection, 2013, 53, . | 0.4 | 3 |
| 286 | Changes in the volatile profile of Brassica oleracea due to feeding and oviposition by Murgantia histrionica (Heteroptera: Pentatomidae). European Journal of Entomology, 2008, 105, 839-847. | 1.2 | 40 |
| 287 | A device to disperse artificial herbivore-induced plant volatiles that attract natural enemies of herbivores for pest control. Acta Horticulturae, 2017, , 113-118. | 0.1 | 3 |
| 288 | Terpenoid-Based Defense in Plants and Other Organisms. , 2002, , . | | 0 |
| 289 | Lessons from Nature Show the Way to Safe and Environmentally Pacific Pest Control. , 2002, , 49-57. | | 0 |
| 290 | Biological Interaction Networks in Plant-Herbivore-Carnivore Systems. Journal of Pesticide Sciences, 2003, 28, 354-359. | 0.8 | 0 |
| 292 | Manipulating plant-arthropod conversations to improve conservation biological control of mites. , 2010, , 413-417. | | 0 |
| 293 | Recent advances in studies on domestic predacious phytoseiid mites in Japan.. Journal of the Acarological Society of Japan, 1999, 8, 1-7. | 0.4 | 5 |
| 294 | SEASONAL ABUNDANCE OF THE TWO SPOTTED SPIDER MITE, Tetranychus urticae KOCH ON FOUR COTTON CULTIVARS AT DAKAHLIA GOVERNORATE, EGYPT. Zagazig Journal of Agricultural Research, 2018, 45, 1663-1674. | 0.1 | 1 |
| 295 | <p class="Body"><strong>Molecular characterization of three Niemannâ€“Pick type C2 proteins in the predatory mite <em>Neoseiulus barkeri </em>Hughes (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 296 | Multiple Infestations Induce Direct Defense of Maize to Tetranychus urticae (Acari: Tetranychidae). Florida Entomologist, 2020, 103, . | 0.2 | 4 |
| 297 | Chinese Cabbage Changes Its Release of Volatiles to Defend against Spodoptera litura. Insects, 2022, 13, 73. | 1.0 | 8 |
| 298 | The omnivorous predator Macrolophus pygmaeus induces production of plant volatiles that attract a specialist predator. Journal of Pest Science, 2022, 95, 1343-1355. | 1.9 | 3 |
| 311 | Herbivory-Induced Plant Volatiles Mediate Multitrophic Relationships in Ecosystems. Plant and Cell Physiology, 2022, 63, 1344-1355. | 1.5 | 9 |
| 312 | Low water availability enhances volatileâ€mediated direct defences but disturbs indirect defences against herbivores. Journal of Ecology, 2022, 110, 2759-2771. | 1.9 | 5 |
| 313 | Identification of Key Headspace Volatile Compounds Signaling Preference for Rice over Corn in Adult Females of the Rice Leaf Folder <i>Cnaphalocrocis medinalis</i>. Journal of Agricultural and Food Chemistry, 2022, 70, 9826-9833. | 2.4 | 2 |
| 315 | Herbivore-Dependent Induced Volatiles in Pear Plants Cause Differential Attractive Response by Lacewing Larvae. Journal of Chemical Ecology, 2023, 49, 262-275. | 0.9 | 2 |
| 316 | <i>Spodoptera litura</i> larvae are attracted by <scp>HvAV</scp>â€3hâ€infected <i>S. litura</i> larvaeâ€damaged pepper leaves. Pest Management Science, 2023, 79, 2713-2724. | 1.7 | 1 |
| 318 | Biochemistry and genetics of floral scent: a historical perspective. Plant Journal, 2023, 115, 18-36. | 2.8 | 4 |