

Isolation and identification of volatile kairomone that a  
interactions Involvement of host plant in its production

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Parasitic wasps orient to green leaf volatiles. <i>Chemoecology</i> , 1990, 1, 69-76.	0.6	173
2	Plant strategies of manipulating predator-prey interactions through allelochemicals: Prospects for application in pest control. <i>Journal of Chemical Ecology</i> , 1990, 16, 3091-3118.	0.9	608
3	Exploitation of Herbivore-Induced Plant Odors by Host-Seeking Parasitic Wasps. <i>Science</i> , 1990, 250, 1251-1253.	6.0	1,507
4	Do Parasitoids Use Herbivore-Induced Plant Chemical Defenses to Locate Hosts?. <i>Florida Entomologist</i> , 1991, 74, 42.	0.2	39
5	Volatiles mediating plant-herbivore-natural enemy interactions: soybean looper frass volatiles, 3-octanone and guaiacol, as kairomones for the parasitoid <i>Microplitis demolitor</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1991, 39, 2310-2317.	2.4	34
6	Chemically mediated tritrophic interactions consisting of predatory mites, spider mites and plants.. <i>Nippon Nogeikagaku Kaishi</i> , 1991, 65, 1250-1253.	0.0	0
7	Induction of indirect defence against spider-mites in uninfested lima bean leaves. <i>Phytochemistry</i> , 1991, 30, 1459-1462.	1.4	51
8	Larval-damaged plants: source of volatile synomones that guide the parasitoid <i>Cotesia marginiventris</i> to the microhabitat of its hosts. <i>Entomologia Experimentalis Et Applicata</i> , 1991, 58, 75-82.	0.7	166
9	Stereochemical Studies on Homoterpene Biosynthesis in Higher Plants; Mechanistic, Phylogenetic, and Ecological Aspects. <i>Helvetica Chimica Acta</i> , 1991, 74, 1773-1789.	1.0	59
10	Variation in composition of predator-attracting allelochemicals emitted by herbivore-infested plants: Relative influence of plant and herbivore. <i>Chemoecology</i> , 1991, 2, 1-6.	0.6	222
11	Receptor cell responses in the anterior tarsi of <i>Phytoseiulus persimilis</i> to volatile kairomone components. <i>Experimental and Applied Acarology</i> , 1991, 13, 53-58.	0.7	26
12	Volatiles mediating plant-herbivore-natural enemy interactions: Electroantennogram responses of soybean looper, <i>Pseudoplusia includens</i> , and a parasitoid, <i>Microplitis demolitor</i> , to green leaf volatiles. <i>Journal of Chemical Ecology</i> , 1991, 17, 1665-1690.	0.9	33
13	Isolation and identification of allelochemicals that attract the larval parasitoid, <i>Cotesia marginiventris</i> (Cresson), to the microhabitat of one of its hosts. <i>Journal of Chemical Ecology</i> , 1991, 17, 2235-2251.	0.9	289
14	Volatile substances evoking orientation in the predatory flowerbug <i>Anthocoris nemorum</i> (Heteroptera: Anthocoridae). <i>Bulletin of Entomological Research</i> , 1992, 82, 465-469.	0.5	38
15	The Dilemma of Plants: To Grow or Defend. <i>Quarterly Review of Biology</i> , 1992, 67, 283-335.	0.0	3,371
16	Ecology of Infochemical Use by Natural Enemies in a Tritrophic Context. <i>Annual Review of Entomology</i> , 1992, 37, 141-172.	5.7	1,573
17	Are acyclic C11 and C16 homoterpenes plant volatiles indicating herbivory?. <i>Die Naturwissenschaften</i> , 1992, 79, 368-371.	0.6	68
18	Induced defence in detached uninfested plant leaves: effects on behaviour of herbivores and their predators. <i>Oecologia</i> , 1992, 91, 554-560.	0.9	40

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19	Orientation of <i>Microplitis croceipes</i> (Hymenoptera: Braconidae) to green leaf volatiles: Dose-response curves. <i>Journal of Chemical Ecology</i> , 1992, 18, 1743-1753.	0.9	71
20	Plants are better protected against spider-mites after exposure to volatiles from infested conspecifics. <i>Experientia</i> , 1992, 48, 525-529.	1.2	166
21	Response of predatory mites with different rearing histories to volatiles of uninfested plants. <i>Entomologia Experimentalis Et Applicata</i> , 1992, 64, 187-193.	0.7	145
22	Semiochemically mediated foraging behavior in beneficial parasitic insects. <i>Archives of Insect Biochemistry and Physiology</i> , 1993, 22, 385-391.	0.6	73
23	Anemotactic responses of the predatory mite, <i>Phytoseiulus persimilis</i> Athias-Henriot, and their role in prey finding. <i>Experimental and Applied Acarology</i> , 1993, 17, 521-529.	0.7	45
24	Relative importance of infochemicals from first and second trophic level in long-range host location by the larval parasitoid <i>Cotesia glomerata</i> . <i>Journal of Chemical Ecology</i> , 1993, 19, 47-59.	0.9	158
25	An elicitor in caterpillar oral secretions that induces corn seedlings to emit chemical signals attractive to parasitic wasps. <i>Journal of Chemical Ecology</i> , 1993, 19, 411-425.	0.9	277
26	Herbivory induces systemic production of plant volatiles that attract predators of the herbivore: Extraction of endogenous elicitor. <i>Journal of Chemical Ecology</i> , 1993, 19, 581-599.	0.9	132
27	On the Scent of Orchids. <i>ACS Symposium Series</i> , 1993, , 240-268.	0.5	118
28	Learning of Host-Finding Cues by Hymenopterous Parasitoids. , 1993, , 51-78.		319
30	Biological pest control. <i>Biomass and Bioenergy</i> , 1994, 6, 93-101.	2.9	18
31	Why do plants "talk"? <i>Chemoecology</i> , 1994, 5-6, 159-165.	0.6	19
32	Induction of parasitoid attracting synomone in brussels sprouts plants by feeding of <i>Pieris brassicae</i> larvae: Role of mechanical damage and herbivore elicitor. <i>Journal of Chemical Ecology</i> , 1994, 20, 2229-2247.	0.9	218
33	Herbivore-induced volatile emissions from cotton ( <i>Gossypium hirsutum</i> L.) seedlings. <i>Journal of Chemical Ecology</i> , 1994, 20, 3039-3050.	0.9	146
34	Volatile herbivore-induced terpenoids in plant-mite interactions: Variation caused by biotic and abiotic factors. <i>Journal of Chemical Ecology</i> , 1994, 20, 1329-1354.	0.9	325
35	Plant-natural enemy association in the tritrophic system, <i>Cotesia rubecula</i> - <i>Pieris rapae</i> -brassicaceae (cruciferae): I. Sources of infochemicals. <i>Journal of Chemical Ecology</i> , 1994, 20, 1725-1734.	0.9	63
36	Plant-natural enemy association in the tritrophic system <i>Cotesia rubecula</i> - <i>Pieris rapae</i> -brassicaceae (cruciferae): II. Preference of <i>C. rubecula</i> for landing and searching. <i>Journal of Chemical Ecology</i> , 1994, 20, 1735-1748.	0.9	45
37	Leaf age affects composition of herbivore-induced synomones and attraction of predatory mites. <i>Journal of Chemical Ecology</i> , 1994, 20, 373-386.	0.9	144

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38	Plant-natural enemy association in tritrophic system, <i>Cotesia rubecula</i> - <i>Pieris rapae</i> -brassicaceae (Cruciferae). III: Collection and identification of plant and frass volatiles. <i>Journal of Chemical Ecology</i> , 1994, 20, 1955-1967.	0.9	69
39	Methyl palmitate does not elicit invasion of honeybee brood cells by <i>Varroa</i> mites. <i>Experimental and Applied Acarology</i> , 1994, 18, 587-592.	0.7	18
40	Comparative headspace analysis of cabbage plants damaged by two species of <i>Pieris</i> caterpillars: consequences for in-flight host location by <i>Cotesia</i> parasitoids. <i>Entomologia Experimentalis Et Applicata</i> , 1994, 73, 175-182.	0.7	73
41	Volatiles from damaged plants as major cues in long-range host-searching by the specialist parasitoid <i>Cotesia rubecula</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1994, 73, 289-297.	0.7	118
42	Salicylic Acid and its Derivatives in Plants: Medicines, Metabolites and Messenger Molecules. <i>Advances in Botanical Research</i> , 1994, 20, 163-235.	0.5	61
43	Herbivore-induced volatiles: The emission of acyclic homoterpenes from leaves of <i>Phaseolus lunatus</i> and <i>Zea mays</i> can be triggered by a $\beta$ -glucosidase and jasmonic acid. <i>FEBS Letters</i> , 1994, 352, 146-150.	1.3	203
44	Biosynthesis of Acyclic Homoterpenes in Higher Plants Parallels Steroid Hormone Metabolism. <i>Journal of Plant Physiology</i> , 1994, 143, 473-478.	1.6	45
45	Local and Systemic Production of Volatile Herbivore-induced Terpenoids: Their Role in Plant-carnivore Mutualism. <i>Journal of Plant Physiology</i> , 1994, 143, 465-472.	1.6	323
46	How caterpillar-damaged plants protect themselves by attracting parasitic wasps.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 4169-4174.	3.3	645
47	beta-Glucosidase: an elicitor of herbivore-induced plant odor that attracts host-searching parasitic wasps.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 2036-2040.	3.3	522
48	Communication between the First and Third Trophic Levels: An Analysis Using Biological Signalling Theory. <i>Oikos</i> , 1995, 72, 367.	1.2	29
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50	Volatiles emitted by different cotton varieties damaged by feeding beet armyworm larvae. <i>Journal of Chemical Ecology</i> , 1995, 21, 1217-1227.	0.9	258
51	Role of volatile inforchemicals emitted by feces of larvae in host-searching behavior of parasitoid <i>Cotesia rubecula</i> (Hymenoptera: Braconidae): A behavioral and chemical study. <i>Journal of Chemical Ecology</i> , 1995, 21, 1789-1811.	0.9	68
52	Host microhabitat location by stem-borer parasitoid <i>Cotesia flavipes</i> : the role of herbivore volatiles and locally and systemically induced plant volatiles. <i>Journal of Chemical Ecology</i> , 1995, 21, 525-539.	0.9	115
53	Developmental stage of herbivore <i>Pseudaletia separata</i> affects production of herbivore-induced synomone by corn plants. <i>Journal of Chemical Ecology</i> , 1995, 21, 273-287.	0.9	268
54	Spatial fragrance patterns within the flowers of <i>Ranunculus acris</i> (Ranunculaceae). <i>Plant Systematics and Evolution</i> , 1995, 195, 221-242.	0.3	105
55	Slow larval growth on a suboptimal willow results in high predation mortality in the leaf beetle <i>Galerucella lineola</i> . <i>Oecologia</i> , 1995, 104, 308-315.	0.9	133

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56	Odour-Mediated Avoidance of Competition in <i>Drosophila</i> parasitoids: The Ghost of Competition. <i>Oikos</i> , 1995, 73, 356.	1.2	54
57	Induction of volatile biosynthesis in the Lima bean ( <i>Phaseolus lunatus</i> ) by leucine- and isoleucine conjugates of 1-oxo- and 1-hydroxyindan-4-carboxylic acid: evidence for amino acid conjugates of jasmonic acid as intermediates in the octadecanoid signalling. <i>FEBS Letters</i> , 1995, 377, 523-529.	1.3	136
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59	Volatiles Involved in the Nonhost Rejection of <i>Fraxinus pennsylvanica</i> by <i>Lymantria dispar</i> Larvae. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 929-935.	2.4	31
60	FLAVOUR CHEMISTRY AND HUMAN CHEMICAL ECOLOGY. , 1996, , 311-318.		0
61	Pollen advertisement: chemical contrasts between whole flower and pollen odors. <i>American Journal of Botany</i> , 1996, 83, 877-885.	0.8	69
62	Role of plant volatiles in the search for a host by parasitoid <i>Diglyphus isaea</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 502 Td	0.9	53
63	Volatile infochemicals used in host and host habitat location by <i>Cotesia flavipes</i> Cameron and <i>Cotesia sesamiae</i> (Cameron) (Hymenoptera: Braconidae), larval parasitoids of stemborers on gramineae. <i>Journal of Chemical Ecology</i> , 1996, 22, 307-323.	0.9	102
64	Airborne methyl jasmonate stimulates the biosynthesis of furanocoumarins in the leaves of celery plants ( <i>Apium graveolens</i> ). <i>Experientia</i> , 1996, 52, 739-743.	1.2	32
65	Leaf volatiles and polyphenols in pear trees infested by <i>Psylla pyricola</i> . Evidence of simultaneously induced responses. <i>Chemoecology</i> , 1996, 7, 34-38.	0.6	28
66	A survey of identified kairomones and synomones used by insect parasitoids to locate and accept their hosts. <i>Chemoecology</i> , 1996, 7, 121-131.	0.6	79
67	Relative importance of semiochemicals from first and second trophic levels in host foraging behavior of <i>Aphidius ervi</i> . <i>Journal of Chemical Ecology</i> , 1996, 22, 1591-1605.	0.9	201
68	Volatile organic compounds emitted from beech leaves. <i>Phytochemistry</i> , 1996, 43, 759-762.	1.4	74
69	Cellulysin from the plant parasitic fungus <i>Trichoderma viride</i> elicits volatile biosynthesis in higher plants via the octadecanoid signalling cascade. <i>FEBS Letters</i> , 1997, 416, 143-148.	1.3	71
70	Induced synthesis of plant volatiles. <i>Nature</i> , 1997, 385, 30-31.	13.7	218
71	NMR structure of a receptor-bound G-protein peptide. <i>Nature</i> , 1997, 390, 424-424.	13.7	5
72	DNA antisense therapy for asthma in an animal model. <i>Nature</i> , 1997, 390, 424-424.	13.7	2
73	Airborne signalling by methyl salicylate in plant pathogen resistance. <i>Nature</i> , 1997, 385, 718-721.	13.7	700

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74	The Effect of Volatile Metabolites of Lipid Peroxidation on the Aggregation of Redlegged Earth Mites <i>Halotydeus destructor</i> (Acarina: Penthalidae) on Damaged Cotyledons of Subterranean Clover. <i>Journal of Chemical Ecology</i> , 1997, 23, 163-174.	0.9	21
75	Attraction of Colorado Potato Beetle to Herbivore-Damaged Plants During Herbivory and After Its Termination. <i>Journal of Chemical Ecology</i> , 1997, 23, 1003-1023.	0.9	228
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77	Comparisons and Contrasts in Host-Foraging Strategies of Two Larval Parasitoids with Different Degrees of Host Specificity. <i>Journal of Chemical Ecology</i> , 1997, 23, 1589-1606.	0.9	56
78	Response of Predatory Insect <i>Scolothrips takahashii</i> Toward Herbivore-Induced Plant Volatiles Under Laboratory and Field Conditions. <i>Journal of Chemical Ecology</i> , 1997, 23, 2033-2048.	0.9	94
79	Volatiles from <i>Psylla</i> -Infested Pear Trees and Their Possible Involvement in Attraction of Anthocorid Predators. <i>Journal of Chemical Ecology</i> , 1997, 23, 2241-2260.	0.9	123
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82	Response of a phytoseiid predator to herbivore-induced plant volatiles: Selection on attraction and effect on prey exploitation. <i>Journal of Insect Behavior</i> , 1997, 10, 695-709.	0.4	53
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94	OLFACTORY ORIENTATION OF THE PARASITOID WASP <i>LYSIPHLEBUS FABARUM</i> TO ITS HOST FOOD	1.5	2
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99	Plant Effects on Parasitoid Foraging: Differences between Two Tritrophic Systems. Biological Control, 1998, 11, 97-103.	1.4	55
100	Strategies Involved in the Location of Hosts by the Parasitoid <i>Aphidius ervi</i> Haliday (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overload	1.4	195
101	The Induction of Volatile Emissions in Maize by Three Herbivore Species with Different Feeding Habits: Possible Consequences for Their Natural Enemies. Biological Control, 1998, 11, 122-129.	1.4	229
102	LEAF DAMAGE AND ASSOCIATED CUES INDUCE AGGRESSIVE ANT RECRUITMENT IN A NEOTROPICAL ANT-PLANT. Ecology, 1998, 79, 2100-2112.	1.5	104
103	Manipulating Natural Enemies By Plant Variety Selection and Modification: A Realistic Strategy?. Annual Review of Entomology, 1998, 43, 347-367.	5.7	252
104	Floral Scent Production in <i>Clarkia breweri</i> . Plant Physiology, 1998, 116, 599-604.	2.3	91
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106	Influence of plants on invertebrate predators. , 1998, , 83-100.		33
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113	Predator-prey interactions: olfactory adaptations of generalist and specialist predators. <i>Agricultural and Forest Entomology</i> , 1999, 1, 47-54.	0.7	76
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124	The Influence of the Host Plant of the Cassava Mealybug <i>Phenacoccus manihoti</i> on the Plant and Host Preferences of Its Parasitoid <i>Apoanagyrus lopezi</i> . <i>Biological Control</i> , 1999, 15, 64-70.	1.4	10
125	Environmental Impact of Biotechnology. , 1999, , .		1
126	MODERN METHODS OF SECONDARY PRODUCT ISOLATION AND ANALYSIS. , 1999, , 91-186.		5
127	INFERRING COLONIZATION PROCESSES FROM POPULATION DYNAMICS IN SPATIALLY STRUCTURED PREDATOR-PREY SYSTEMS. <i>Ecology</i> , 2000, 81, 3350-3361.	1.5	7
128	Local and distant prey-related cues influence when an acarine predator leaves a prey patch. <i>Entomologia Experimentalis Et Applicata</i> , 2000, 96, 245-252.	0.7	27



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130	Multitrophic effects of herbivore-induced plant volatiles in an evolutionary context. <i>Entomologia Experimentalis Et Applicata</i> , 2000, 97, 237-249.	0.7	416
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136	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 1433-1445.	0.9	51
137	Effects of light on the tritrophic interaction between kidney bean plants, two-spotted spider mites and predatory mites, <i>Amblyseius womersleyi</i> (Acari: Phytoseiidae). <i>Experimental and Applied Acarology</i> , 2000, 24, 415-425.	0.7	52
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510	The predatory mite <i>Neoseiulus californicus</i> (Acari: Phytoseiidae) does not respond for volatiles of maize infested by <i>Tetranychus urticae</i> (Acari: Tetranychidae). Brazilian Journal of Biology, 2021, 82, e239639.	0.4	1
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