Marcel Dicke

List of Publications by Year
in descending order

506 papers	40,076 citations	1536 106 h-index	4432 172 g-index
523 all docs	523 docs citations	523 times ranked	18480 citing authors

#	Article	IF	Citations
1	Ecology of Infochemical Use by Natural Enemies in a Tritrophic Context. Annual Review of Entomology, 1992, 37, 141-172.	11.8	1,573
2	The evolutionary context for herbivore-induced plant volatiles: beyond the â€˜cry for helpâ€™. Trends in Plant Science, 2010, 15, 167-175.	8.8	973
3	Signal Signature and Transcriptome Changes of Arabidopsis During Pathogen and Insect Attack. Molecular Plant-Microbe Interactions, 2005, 18, 923-937.	2.6	909
4	Plant strategies of manipulating predatorprey interactions through allelochemicals: Prospects for application in pest control. Journal of Chemical Ecology, 1990, 16, 3091-3118.	1.8	608
5	Isolation and identification of volatile kairomone that affects acarine predatorprey interactions Involvement of host plant in its production. Journal of Chemical Ecology, 1990, 16, 381-396.	1.8	582
6	Helping plants to deal with insects: the role of beneficial soil-borne microbes. Trends in Plant Science, 2010, 15, 507-514.	8.8	528
7	beta-Glucosidase: an elicitor of herbivore-induced plant odor that attracts host-searching parasitic wasps.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 2036-2040.	7.1	522
8	Genetic Engineering of Terpenoid Metabolism Attracts Bodyguards to Arabidopsis. Science, 2005, 309, 2070-2072.	12.6	482
9	A Conserved Transcript Pattern in Response to a Specialist and a Generalist Herbivorewâƒž. Plant Cell, 2004, 16, 3132-3147.	6.6	470
10	Plantâ€"carnivore mutualism through herbivore-induced carnivore attractants. Trends in Plant Science, 1996, 1, 109-113.	8.8	443
11	How Plants Obtain Predatory Mites as Bodyguards. Animal Biology, 1987, 38, 148-165.	0.4	442
12	Multitrophic effects of herbivore-induced plant volatiles in an evolutionary context. Entomologia Experimentalis Et Applicata, 2000, 97, 237-249.	1.4	416
13	Plant interactions with microbes and insects: from molecular mechanisms to ecology. Trends in Plant Science, 2007, 12, 564-569.	8.8	399
14	Nutritional value of the black soldier fly (Hermetia illucens L.) and its suitability as animal feed â€" a review. Journal of Insects As Food and Feed, 2017, 3, 105-120.	3.9	373
15	Chemical complexity of volatiles from plants induced by multiple attack. Nature Chemical Biology, 2009, 5, 317-324.	8.0	364
16	Plant Interactions with Multiple Insect Herbivores: From Community to Genes. Annual Review of Plant Biology, 2014, 65, 689-713.	18.7	361
17	Infochemical Terminology: Based on Cost-Benefit Analysis Rather than Origin of Compounds?. Functional Ecology, 1988, 2, 131.	3.6	354
18	Volatile herbivore-induced terpenoids in plant-mite interactions: Variation caused by biotic and abiotic factors. Journal of Chemical Ecology, 1994, 20, 1329-1354.	1.8	325

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19	Local and Systemic Production of Volatile Herbivore-induced Terpenoids: Their Role in Plant-carnivore Mutualism. Journal of Plant Physiology, 1994, 143, 465-472.	3.5	323
20	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.	1.8	310
21	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1907-1922.	1.8	292
22	Variation in natural plant products and the attraction of bodyguards involved in indirect plant defenseThe present review is one in the special series of reviews on animalâ€“plant interactions.. Canadian Journal of Zoology, 2010, 88, 628-667.	1.0	275
23	Behavioural and community ecology of plants that cry for help. Plant, Cell and Environment, 2009, 32, 654-665.	5.7	274
24	Developmental stage of herbivorePseudaletia separata affects production of herbivore-induced synomone by corn plants. Journal of Chemical Ecology, 1995, 21, 273-287.	1.8	268
25	PHEROMONE-MEDIATED AGGREGATION IN NONSOCIAL ARTHROPODS: An Evolutionary Ecological Perspective. Annual Review of Entomology, 2005, 50, 321-346.	11.8	265
26	Are herbivoreâ€induced plant volatiles reliable indicators of herbivore identity to foraging carnivorous arthropods?. Entomologia Experimentalis Et Applicata, 1999, 91, 131-142.	1.4	259
27	Insect symbionts as hidden players in insectâ€“plant interactions. Trends in Ecology and Evolution, 2012, 27, 705-711.	8.7	257
28	Metabolic and Transcriptomic Changes Induced in Arabidopsis by the Rhizobacterium <i>Pseudomonas fluorescens</i> SS101. Plant Physiology, 2012, 160, 2173-2188.	4.8	254
29	Whiteflies interfere with indirect plant defense against spider mites in Lima bean. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21202-21207.	7.1	247
30	Inducible indirect defence of plants: from mechanisms to ecological functions. Basic and Applied Ecology, 2003, 4, 27-42.	2.7	243
31	Foraging behavior of egg parasitoids exploiting chemical information. Behavioral Ecology, 2008, 19, 677-689.	2.2	237
32	Attraction of Colorado Potato Beetle to Herbivore-Damaged Plants During Herbivory and After Its Termination. Journal of Chemical Ecology, 1997, 23, 1003-1023.	1.8	228
33	Direct and Indirect Effects of Resource Quality on Food Web Structure. Science, 2008, 319, 804-807.	12.6	227
34	Virulence Factors of Geminivirus Interact with MYC2 to Subvert Plant Resistance and Promote Vector Performance. Plant Cell, 2014, 26, 4991-5008.	6.6	224
35	Variation in composition of predator-attracting allelochemicals emitted by herbivore-infested plants: Relative influence of plant and herbivore. Chemoecology, 1991, 2, 1-6.	1.1	222
36	Chemical Detection of Natural Enemies by Arthropods: An Ecological Perspective. Annual Review of Ecology, Evolution, and Systematics, 2001, 32, 1-23.	6.7	221

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37	Induction of parasitoid attracting synomone in brussels sprouts plants by feeding ofPieris brassicae larvae: Role of mechanical damage and herbivore elicitor. Journal of Chemical Ecology, 1994, 20, 2229-2247.	1.8	218
38	Early season herbivore differentially affects plant defence responses to subsequently colonizing herbivores and their abundance in the field. Molecular Ecology, 2008, 17, 3352-3365.	3.9	214
39	Differential Effectiveness of Microbially Induced Resistance Against Herbivorous Insects in <i>Arabidopsis</i>. Molecular Plant-Microbe Interactions, 2008, 21, 919-930.	2.6	213
40	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.	1.8	211
41	Composition of Human Skin Microbiota Affects Attractiveness to Malaria Mosquitoes. PLoS ONE, 2011, 6, e28991.	2.5	208
42	Herbivore-Induced Resistance against Microbial Pathogens in Arabidopsis. Plant Physiology, 2006, 142, 352-363.	4.8	207
43	Transcriptome dynamics of Arabidopsis during sequential biotic and abiotic stresses. Plant Journal, 2016, 86, 249-267.	5.7	200
44	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.	1.8	194
45	Chemical ecology of host-plant selection by herbivorous arthropods: a multitrophic perspective. Biochemical Systematics and Ecology, 2000, 28, 601-617.	1.3	193
46	Jasmonate-deficient plants have reduced direct and indirect defences against herbivores. Ecology Letters, 2002, 5, 764-774.	6.4	193
47	GENETIC VARIATION IN DEFENSE CHEMISTRY IN WILD CABBAGES AFFECTS HERBIVORES AND THEIR ENDOPARASITOIDS. Ecology, 2008, 89, 1616-1626.	3.2	193
48	Induced plant defences: from molecular biology to evolutionary ecology. Basic and Applied Ecology, 2003, 4, 3-14.	2.7	188
49	The Role of Methyl Salicylate in Prey Searching Behavior of the Predatory Mite Phytoseiulus persimilis. Journal of Chemical Ecology, 2004, 30, 255-271.	1.8	188
50	Parasitoid-plant mutualism: parasitoid attack of herbivore increases plant reproduction. Entomologia Experimentalis Et Applicata, 2000, 97, 219-227.	1.4	186
51	Cytokinins as key regulators in plantâ€"microbeâ€"insect interactions: connecting plant growth and defence. Functional Ecology, 2013, 27, 599-609.	3.6	178
52	International scientists formulate a roadmap for insect conservation and recovery. Nature Ecology and Evolution, 2020, 4, 174-176.	7.8	176
53	Plant volatiles and the environment. Plant, Cell and Environment, 2014, 37, 1905-1908.	5.7	174
54	Location of resistance factors in the leaves of potato and wild tuber-bearing Solanum species to the aphid Myzus persicae. Entomologia Experimentalis Et Applicata, 2006, 121, 145-157.	1.4	171

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55	Beneficial microbes in a changing environment: are they always helping plants to deal with insects?. Functional Ecology, 2013, 27, 574-586.	3.6	171
56	Safety evaluation of neem (Azadirachta indica) derived pesticides. Journal of Ethnopharmacology, 2004, 94, 25-41.	4.1	169
57	Performance of Generalist and Specialist Herbivores and their Endoparasitoids Differs on Cultivated and Wild Brassica Populations. Journal of Chemical Ecology, 2008, 34, 132-143.	1.8	169
58	Hyperparasitoids Use Herbivore-Induced Plant Volatiles to Locate Their Parasitoid Host. PLoS Biology, 2012, 10, e1001435.	5.6	168
59	Plants are better protected against spider-mites after exposure to volatiles from infested conspecifics. Experientia, 1992, 48, 525-529.	1.2	166
60	Insect-resistant transgenic plants in a multi-trophic context. Plant Journal, 2002, 31, 387-406.	5.7	161
61	Consequences of variation in plant defense for biodiversity at higher trophic levels. Trends in Plant Science, 2008, 13, 534-541.	8.8	160
62	Relative importance of infochemicals from first and second trophic level in long-range host location by the larval parasitoidCotesia glomerata. Journal of Chemical Ecology, 1993, 19, 47-59.	1.8	158
63	Comparative Analysis of Headspace Volatiles from Different Caterpillar-Infested or Uninfested Food Plants of Pieris Species. Journal of Chemical Ecology, 1997, 23, 2935-2954.	1.8	158
64	Rewiring of the jasmonate signaling pathway in Arabidopsis during insect herbivory. Frontiers in Plant Science, 2011, 2, 47.	3.6	155
65	The effects of herbivore-induced plant volatiles on interactions between plants and flower-visiting insects. Phytochemistry, 2011, 72, 1647-1654.	2.9	154
66	How To Hunt for Hiding Hosts: the Reliability-Detectability Problem in Foraging Parasitoids. Animal Biology, 1990, 41, 202-213.	0.4	152
67	Title is missing!. Experimental and Applied Acarology, 1998, 22, 311-333.	1.6	152
68	Plant Volatiles Induced by Herbivore Egg Deposition Affect Insects of Different Trophic Levels. PLoS ONE, 2012, 7, e43607.	2.5	152
69	Jasmonic acid-induced volatiles of Brassica oleracea attract parasitoids: effects of time and dose, and comparison with induction by herbivores. Journal of Experimental Botany, 2009, 60, 2575-2587.	4.8	151
70	Chemical information transfer between plants:. Biochemical Systematics and Ecology, 2001, 29, 981-994.	1.3	150
71	Modulation of flavonoid metabolites in Arabidopsis thaliana through overexpression of the MYB75 transcription factor: role of kaempferol-3,7-dirhamnoside in resistance to the specialist insect herbivore Pieris brassicae. Journal of Experimental Botany, 2014, 65, 2203-2217.	4.8	150
72	Direct and indirect cues of predation risk influence behavior and reproduction of prey: a case for acarine interactions. Behavioral Ecology, 1999, 10, 422-427.	2.2	149

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73	Using fractal dimensions for characterizing tortuosity of animal trails. Physiological Entomology, 1988, 13, 393-398.	1.5	148
74	Herbivoreâ€induced plant volatiles and tritrophic interactions across spatial scales. New Phytologist, 2017, 216, 1054-1063.	7.3	147
75	Plantâ€mediated facilitation between a leafâ€feeding and a phloemâ€feeding insect in a brassicaceous plant: from insect performance to gene transcription. Functional Ecology, 2012, 26, 156-166.	3.6	146
76	Response of predatory mites with different rearing histories to volatiles of uninfested plants. Entomologia Experimentalis Et Applicata, 1992, 64, 187-193.	1.4	145
77	Indirect Defence of Plants against Herbivores: UsingArabidopsis thalianaas a Model Plant. Plant Biology, 2004, 6, 387-401.	3.8	145
78	Leaf age affects composition of herbivore-induced synomones and attraction of predatory mites. Journal of Chemical Ecology, 1994, 20, 373-386.	1.8	144
79	Genetic architecture of plant stress resistance: multiâ€trait genomeâ€wide association mapping. New Phytologist, 2017, 213, 1346-1362.	7.3	144
80	Response of the braconid parasitoid Cotesia (=Apanteles) glomerata to volatile infochemicals: effects of bioassay setâ€up, parasitoid age and experience and barometric flux. Entomologia Experimentalis Et Applicata, 1992, 63, 163-175.	1.4	142
81	Plants talk, but are they deaf?. Trends in Plant Science, 2003, 8, 403-405.	8.8	141
82	Combined Transcript and Metabolite Analysis Reveals Genes Involved in Spider Mite Induced Volatile Formation in Cucumber Plants. Plant Physiology, 2004, 135, 2012-2024.	4.8	140
83	Flower vs. Leaf Feeding by Pieris brassicae: Glucosinolate-Rich Flower Tissues are Preferred and Sustain Higher Growth Rate. Journal of Chemical Ecology, 2007, 33, 1831-1844.	1.8	135
84	Influence of larval density and dietary nutrient concentration on performance, body protein, and fat contents of black soldier fly larvae (<i>Hermetia illucens</i>). Entomologia Experimentalis Et Applicata, 2018, 166, 761-770.	1.4	135
85	Herbivory induces systemic production of plant volatiles that attract predators of the herbivore: Extraction of endogenous elicitor. Journal of Chemical Ecology, 1993, 19, 581-599.	1.8	132
86	Significance of terpenoids in induced indirect plant defence against herbivorous arthropods. Plant, Cell and Environment, 2008, 31, 575-585.	5.7	131
87	Induced parasitoid attraction by Arabidopsis thaliana: involvement of the octadecanoid and the salicylic acid pathway. Journal of Experimental Botany, 2002, 53, 1793-1799.	4.8	130
88	Isoprene interferes with the attraction of bodyguards by herbaceous plants. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17430-17435.	7.1	129
89	Allee effect in larval resource exploitation inDrosophila: an interaction among density of adults, larvae, and micro-organisms. Ecological Entomology, 2002, 27, 608-617.	2.2	128
90	Innate responses of the parasitoidsCotesia glomerata andC. rubecula (Hymenoptera: Braconidae) to volatiles from different plant-herbivore complexes. Journal of Insect Behavior, 1996, 9, 525-538.	0.7	127

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91	Insects to feed the world. Journal of Insects As Food and Feed, 2015, 1, 3-5.	3.9	121
92	AtWRKY22 promotes susceptibility to aphids and modulates salicylic acid and jasmonic acid signalling. Journal of Experimental Botany, 2016, 67, 3383-3396.	4.8	121
93	Chemical diversity in <i>Brassica oleracea</i> affects biodiversity of insect herbivores. Ecology, 2009, 90, 1863-1877.	3.2	120
94	Natural variation in learning rate and memory dynamics in parasitoid wasps: opportunities for converging ecology and neuroscience. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 889-897.	2.6	120
95	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.	4.8	119
96	Volatiles from damaged plants as major cues in longâ€range hostâ€searching by the specialist parasitoid Cotesia rubecula. Entomologia Experimentalis Et Applicata, 1994, 73, 289-297.	1.4	118
97	Jasmonic Acid and Ethylene Signaling Pathways Regulate Glucosinolate Levels in Plants During Rhizobacteria-Induced Systemic Resistance Against a Leaf-Chewing Herbivore. Journal of Chemical Ecology, 2016, 42, 1212-1225.	1.8	118
98	Learning to discriminate between infochemicals from different plant-host complexes by the parasitoids Cotesia glomerata and C. rubecula. Entomologia Experimentalis Et Applicata, 1998, 86, 241-252.	1.4	116
99	Host microhabitat location by stem-borer parasitoidCotesia flavipes: the role of herbivore volatiles and locally and systemically induced plant volatiles. Journal of Chemical Ecology, 1995, 21, 525-539.	1.8	115
100	Formation of Simple Nitriles upon Glucosinolate Hydrolysis Affects Direct and Indirect Defense Against the Specialist Herbivore, Pieris rapae. Journal of Chemical Ecology, 2008, 34, 1311-1321.	1.8	115
101	Birds exploit herbivoreâ€induced plant volatiles to locate herbivorous prey. Ecology Letters, 2013, 16, 1348-1355.	6.4	114
102	Ecological and phytohormonal aspects of plant volatile emission in response to single and dual infestations with herbivores and phytopathogens. Functional Ecology, 2013, 27, 587-598.	3.6	114
103	Plant pathogens structure arthropod communities across multiple spatial and temporal scales. Functional Ecology, 2013, 27, 633-645.	3.6	113
104	Induction of Direct and Indirect Plant Responses by Jasmonic Acid, Low Spider Mite Densities, or a Combination of Jasmonic Acid Treatment and Spider Mite Infestation. Journal of Chemical Ecology, 2003, 29, 2651-2666.	1.8	112
105	Volatile spider-mite pheromone and host-plant kairomone, involved in spaced-out gregariousness in the spider mite Tetranychus urticae. Physiological Entomology, 1986, 11, 251-262.	1.5	110
106	Trichomes and spider-mite webbing protect predatory mite eggs from intraguild predation. Oecologia, 2000, 125, 428-435.	2.0	110
107	Nonâ€pathogenic rhizobacteria interfere with the attraction of parasitoids to aphidâ€induced plant volatiles via jasmonic acid signalling. Plant, Cell and Environment, 2013, 36, 393-404.	5.7	110
108	Two-way plant mediated interactions between root-associated microbes and insects: from ecology to mechanisms. Frontiers in Plant Science, 2013, 4, 414.	3.6	110

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109	Male-derived butterfly anti-aphrodisiac mediates induced indirect plant defense. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10033-10038.	7.1	109
110	Jasmonate and ethylene signaling mediate whiteflyâ€induced interference with indirect plant defense in <i>Arabidopsis thaliana</i>. New Phytologist, 2013, 197, 1291-1299.	7.3	109
111	Ovipositionâ€induced plant cues: do they arrest Trichogramma wasps during host location?. Entomologia Experimentalis Et Applicata, 2005, 115, 207-215.	1.4	108
112	Toxicity and repellence of African plants traditionally used for the protection of stored cowpea against Callosobruchus maculatus. Journal of Stored Products Research, 2004, 40, 423-438.	2.6	107
113	Do plants tap SOS signals from their infested neighbours?. Trends in Ecology and Evolution, 1995, 10, 167-170.	8.7	106
114	Consequences of constitutive and induced variation in plant nutritional quality for immune defence of a herbivore against parasitism. Oecologia, 2009, 160, 299-308.	2.0	106
115	Ecology of plant volatiles: taking a plant community perspective. Plant, Cell and Environment, 2014, 37, 1845-1853.	5.7	103
116	Volatile infochemicals used in host and host habitat location byCotesia flavipes Cameron andCotesia sesamiae (Cameron) (Hymenoptera: Braconidae), larval parasitoids of stemborers on graminae. Journal of Chemical Ecology, 1996, 22, 307-323.	1.8	102
117	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and ecoâ€evolutionary implications. New Phytologist, 2018, 220, 739-749.	7.3	101
118	Phytohormone Mediation of Interactions Between Herbivores and Plant Pathogens. Journal of Chemical Ecology, 2014, 40, 730-741.	1.8	99
119	Neonicotinoids in excretion product of phloem-feeding insects kill beneficial insects. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16817-16822.	7.1	99
120	Foraging behaviour by parasitoids in multiherbivore communities. Animal Behaviour, 2013, 85, 1517-1528.	1.9	98
121	Insects for sustainable animal feed: inclusive business models involving smallholder farmers. Current Opinion in Environmental Sustainability, 2019, 41, 23-30.	6.3	98
122	Infection of potato plants with potato leafroll virus changes attraction and feeding behaviour of <i>MyzusÂpersicae</i>. Entomologia Experimentalis Et Applicata, 2007, 125, 135-144.	1.4	97
123	Symbionts protect aphids from parasitic wasps by attenuating herbivore-induced plant volatiles. Nature Communications, 2017, 8, 1860.	12.8	96
124	Exploiting natural variation to identify insectâ€resistance genes. Plant Biotechnology Journal, 2011, 9, 819-825.	8.3	95
125	Threshold temperatures and thermal requirements of black soldier fly Hermetia illucens: Implications for mass production. PLoS ONE, 2018, 13, e0206097.	2.5	94
126	Butterfly anti-aphrodisiac lures parasitic wasps. Nature, 2005, 433, 704-704.	27.8	93

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127	Herbivoreâ€induced plant responses in <i>Brassica oleracea</i> prevail over effects of constitutive resistance and result in enhanced herbivore attack. Ecological Entomology, 2010, 35, 240-247.	2.2	91
128	Rhizobacteria modify plantâ€“aphid interactions: a case of induced systemic susceptibility. Plant Biology, 2012, 14, 83-90.	3.8	91
129	Root Herbivore Effects on Aboveground Multitrophic Interactions: Patterns, Processes and Mechanisms. Journal of Chemical Ecology, 2012, 38, 755-767.	1.8	90
130	Sensitivity and Speed of Induced Defense of Cabbage (Brassica oleracea L.): Dynamics of BoLOX Expression Patterns During Insect and Pathogen Attack. Molecular Plant-Microbe Interactions, 2007, 20, 1332-1345.	2.6	89
131	Prey and Non-prey Arthropods Sharing a Host Plant: Effects on Induced Volatile Emission and Predator Attraction. Journal of Chemical Ecology, 2008, 34, 281-290.	1.8	89
132	Transgenic plants as vital components of integrated pest management. Trends in Biotechnology, 2009, 27, 621-627.	9.3	89
133	Long-Distance Assessment of Patch Profitability through Volatile Infochemicals by the ParasitoidsCotesia glomerataandC. rubecula(Hymenoptera: Braconidae). Biological Control, 1998, 11, 113-121.	3.0	88
134	Herbivore-Induced Plant Volatiles Mediate In-Flight Host Discrimination by Parasitoids. Journal of Chemical Ecology, 2005, 31, 2033-2047.	1.8	88
135	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.	3.6	87
136	Airborne hostâ€“plant manipulation by whiteflies via an inducible blend of plant volatiles. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7387-7396.	7.1	87
137	Exposure of Lima Bean Leaves to Volatiles from Herbivore-Induced Conspecific Plants Results in Emission of Carnivore Attractants: Active or Passive Process?. Journal of Chemical Ecology, 2004, 30, 1305-1317.	1.8	86
138	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.	1.8	85
139	Smelling the Wood from the Trees: Non-Linear Parasitoid Responses to Volatile Attractants Produced by Wild and Cultivated Cabbage. Journal of Chemical Ecology, 2011, 37, 795-807.	1.8	85
140	Rhizobacterial colonization of roots modulates plant volatile emission and enhances the attraction of a parasitoid wasp to host-infested plants. Oecologia, 2015, 178, 1169-1180.	2.0	83
141	Parasitoid-specific induction of plant responses to parasitized herbivores affects colonization by subsequent herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19647-19652.	7.1	82
142	The parasitoidCotesia glomerata (Hymenoptera: Braconidae) discriminates between first and fifth larval instars of its hostPieris brassicae, on the basis of contact cues from frass, silk, and herbivore-damaged leaf tissue. Journal of Insect Behavior, 1995, 8, 485-498.	0.7	80
143	Reciprocal crosstalk between jasmonate and salicylate defence-signalling pathways modulates plant volatile emission and herbivore host-selection behaviour. Journal of Experimental Botany, 2014, 65, 3289-3298.	4.8	80
144	Prey preference of the phytoseiid miteTyphlodromus pyri 1. Response to volatile kairomones. Experimental and Applied Acarology, 1988, 4, 1-13.	1.6	79

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145	Differences among plant species in acceptance by the spider mite Tetranychus urticae Koch. Journal of Applied Entomology, 2003, 127, 177-183.	1.8	78
146	Ecological Genomics of Plant-Insect Interactions: From Gene to Community Â. Plant Physiology, 2008, 146, 812-817.	4.8	78
147	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.	7.3	78
148	Insect herbivoreâ€associated organisms affect plant responses to herbivory. New Phytologist, 2014, 204, 315-321.	7.3	78
149	Analysis of prey preference in phytoseiid mites by using an olfactometer, predation models and electrophoresis. Experimental and Applied Acarology, 1988, 5, 225-241.	1.6	77
150	Mixed blends of herbivore-induced plant volatiles and foraging success of carnivorous arthropods. Oikos, 2003, 101, 38-48.	2.7	77
151	The Herbivore-Induced Plant Volatile Methyl Salicylate Negatively Affects Attraction of the Parasitoid Diadegma semiclausum. Journal of Chemical Ecology, 2010, 36, 479-489.	1.8	77
152	Natural variation in herbivore-induced volatiles in Arabidopsis thaliana. Journal of Experimental Botany, 2010, 61, 3041-3056.	4.8	77
153	Herbivore-Mediated Effects of Glucosinolates on Different Natural Enemies of a Specialist Aphid. Journal of Chemical Ecology, 2012, 38, 100-115.	1.8	77
154	Insects as sources of iron and zinc in human nutrition. Nutrition Research Reviews, 2018, 31, 248-255.	4.1	77
155	Impact of botanical pesticides derived from Melia azedarach and Azadirachta indica on the biology of two parasitoid species of the diamondback moth. Biological Control, 2005, 33, 131-142.	3.0	76
156	Genotypic variation in genome-wide transcription profiles induced by insect feeding: Brassica oleracea â€“ Pieris rapae interactions. BMC Genomics, 2007, 8, 239.	2.8	75
157	Drought stress affects plant metabolites and herbivore preference but not host location by its parasitoids. Oecologia, 2015, 177, 701-713.	2.0	75
158	Jasmonic Acid-Induced Changes in Brassica oleracea Affect Oviposition Preference of Two Specialist Herbivores. Journal of Chemical Ecology, 2007, 33, 655-668.	1.8	74
159	Chemical ecology of interactions between human skin microbiota and mosquitoes. FEMS Microbiology Ecology, 2010, 74, 1-9.	2.7	74
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