

Early Herbivore Alert: Insect Eggs Induce Plant Defense

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Kairomones Extracted from Rice Yellow Stem Borer and their Influence on Egg Parasitization by <i>Trichogramma japonicum</i> Ashmead. <i>Journal of Chemical Ecology</i> , 2006, 33, 59-73.	0.9	15
2	Different oviposition behaviour in Chrysomelid beetles: Characterisation of the interface between oviposition secretion and the plant surface. <i>Arthropod Structure and Development</i> , 2006, 35, 197-205.	0.8	18
3	Allelochemical Communication in Vertebrates: Kairomones, Allomones and Synomones. <i>Cells Tissues Organs</i> , 2006, 183, 206-219.	1.3	58
4	Oviposition by Pierid Butterflies Triggers Defense Responses in Arabidopsis. <i>Plant Physiology</i> , 2007, 143, 784-800.	2.3	187
5	Oviposition-Induced Changes in Arabidopsis Genome Expression. <i>Plant Signaling and Behavior</i> , 2007, 2, 165-167.	1.2	13
6	Reduction of ethylene emission from Scots pine elicited by insect egg secretion. <i>Journal of Experimental Botany</i> , 2007, 58, 1835-1842.	2.4	31
7	Induced resistance against leafminer eggs by extrusion in young potato plants. <i>International Journal of Pest Management</i> , 2007, 53, 259-262.	0.9	8
8	Host-marking by female pepper weevils, <i>Anthonomus eugeni</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2007, 125, 269-276.	0.7	25
9	Host plant location by Chrysomelidae. <i>Basic and Applied Ecology</i> , 2007, 8, 97-116.	1.2	74
10	Host-associated kairomones used for habitat orientation in the parasitoid <i>Lariophagus distinguendus</i> (Hymenoptera: Pteromalidae). <i>Journal of Stored Products Research</i> , 2007, 43, 587-593.	1.2	31
11	Mother's choice of the oviposition site: balancing risk of egg parasitism and need of food supply for the progeny with an infochemical shelter?. <i>Chemoecology</i> , 2007, 17, 177-186.	0.6	39
12	Jasmonic Acid-Induced Changes in <i>Brassica oleracea</i> Affect Oviposition Preference of Two Specialist Herbivores. <i>Journal of Chemical Ecology</i> , 2007, 33, 655-668.	0.9	74
13	Specificity of Induction Responses in <i>Sinapis alba</i> L. and Their Effects on a Specialist Herbivore. <i>Journal of Chemical Ecology</i> , 2007, 33, 1582-1597.	0.9	34
14	Differential Attractiveness of Potato Tuber Volatiles to <i>Phthorimaea operculella</i> (Gelechiidae) and the Predator <i>Orius insidiosus</i> (Anthocoridae). <i>Journal of Chemical Ecology</i> , 2007, 33, 1845-1855.	0.9	31
15	The Response Specificity of <i>Trichogramma</i> Egg Parasitoids towards Infochemicals during Host Location. <i>Journal of Insect Behavior</i> , 2007, 20, 53-65.	0.4	35
16	EAG-Active Herbivore-Induced Plant Volatiles Modify Behavioral Responses and Host Attack by An Egg Parasitoid. <i>Journal of Chemical Ecology</i> , 2008, 34, 1190-1201.	0.9	60
17	Does egg deposition by herbivorous pine sawflies affect transcription of sesquiterpene synthases in pine?. <i>Planta</i> , 2008, 228, 427-438.	1.6	62
18	Plant Immunity to Insect Herbivores. <i>Annual Review of Plant Biology</i> , 2008, 59, 41-66.	8.6	1,975

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20	Indirect defence via tritrophic interactions. <i>New Phytologist</i> , 2008, 178, 41-61.	3.5	615
21	(<i>R</i>)-limonene, kairomone for <i>Dastarcus helophoroides</i> , a natural enemy of longhorned beetles. <i>Agricultural and Forest Entomology</i> , 2008, 10, 323-330.	0.7	30
22	Significance of terpenoids in induced indirect plant defence against herbivorous arthropods. <i>Plant, Cell and Environment</i> , 2008, 31, 575-585.	2.8	131
23	Unusual mechanisms involved in learning of oviposition-induced host plant odours in an egg parasitoid?. <i>Animal Behaviour</i> , 2008, 75, 1423-1430.	0.8	24
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29	The Relevance of Background Odor in Resource Location by Insects: A Behavioral Approach. <i>BioScience</i> , 2008, 58, 308-316.	2.2	206
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37	Chapter 13 Adaptive Defense Responses to Pathogens and Insects. <i>Advances in Botanical Research</i> , 2009, , 551-612.	0.5	68

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39	Parasitism and olfactory responses of <i>Dastarcus helophoroides</i> (Coleoptera: Bothrideridae) to different Cerambycid hosts. <i>BioControl</i> , 2009, 54, 733-742.	0.9	43
40	Anti-aphrodisiac Compounds of Male Butterflies Increase the Risk of Egg Parasitoid Attack by Inducing Plant Synomone Production. <i>Journal of Chemical Ecology</i> , 2009, 35, 1373-1381.	0.9	48
41	Behavioural and community ecology of plants that cry for help. <i>Plant, Cell and Environment</i> , 2009, 32, 654-665.	2.8	274
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47	Species-specific responses of pine sesquiterpene synthases to sawfly oviposition. <i>Phytochemistry</i> , 2010, 71, 909-917.	1.4	31
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49	Plastic defence expression in plants. <i>Evolutionary Ecology</i> , 2010, 24, 555-569.	0.5	79
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51	Water loss and gas exchange by eggs of <i>Manduca sexta</i> : Trading off costs and benefits. <i>Journal of Insect Physiology</i> , 2010, 56, 480-487.	0.9	60
52	Sites of synthesis, biochemistry and functional role of plant volatiles. <i>South African Journal of Botany</i> , 2010, 76, 612-631.	1.2	249
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66	Defence mechanisms of Brassicaceae: implications for plant-insect interactions and potential for integrated pest management. A review. <i>Agronomy for Sustainable Development</i> , 2010, 30, 311-348.	2.2	204
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68	Plant defenses against parasitic plants show similarities to those induced by herbivores and pathogens. <i>Plant Signaling and Behavior</i> , 2010, 5, 929-931.	1.2	32
69	Olfactory Attraction of the Larval Parasitoid, <i>Hyposoter horticola</i>, to Plants Infested with Eggs of the Host Butterfly, <i>Melitaea cinxia</i>. <i>Journal of Insect Science</i> , 2010, 10, 1-16.	0.6	15
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74	Defence Mechanisms of Brassicaceae: Implications for Plant-Insect Interactions and Potential for Integrated Pest Management. , 2011, , 623-670.		8
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80	Herbivore-induced volatiles of cabbage (<i>Brassica oleracea</i>) prime defence responses in neighbouring intact plants. <i>Plant Biology</i> , 2011, 13, 276-284.	1.8	46
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83	The effects of herbivore-induced plant volatiles on interactions between plants and flower-visiting insects. <i>Phytochemistry</i> , 2011, 72, 1647-1654.	1.4	154
84	Reiterative and interruptive signaling in induced plant resistance to chewing insects. <i>Phytochemistry</i> , 2011, 72, 1624-1634.	1.4	29
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90	Oviposition by a moth suppresses constitutive and herbivore-induced plant volatiles in maize. <i>Planta</i> , 2011, 234, 207-215.	1.6	59
91	The response of resistant kiwifruit (<i>Actinidia chinensis</i>) to armoured scale insect (Diaspididae) feeding. <i>Arthropod-Plant Interactions</i> , 2011, 5, 149-161.	0.5	12
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117	Phoresy in the field: natural occurrence of <i>Trichogramma</i> egg parasitoids on butterflies and moths. <i>BioControl</i> , 2012, 57, 493-502.	0.9	31
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119	Chemical and structural effects of invasive plants on herbivore- <i>parasitoid/predator</i> interactions in native communities. <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 14-26.	0.7	51
120	Herbivore egg deposition induces tea leaves to arrest the egg- <i>larval parasitoid</i> <i>A. scogaster reticulata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 172-180.	0.7	13
121	Role of volatile semiochemicals in host location by the egg parasitoid <i>A. nagrus breviphragma</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 311-316.	0.7	26
122	Specificity of systemically released rice stem volatiles on egg parasitoid, <i>Trichogramma japonicum</i> Ashmead behaviour. <i>Journal of Applied Entomology</i> , 2012, 136, 749-760.	0.8	17
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124	Perception, signaling and molecular basis of oviposition-mediated plant responses. <i>Planta</i> , 2013, 238, 247-258.	1.6	119
125	Behavioral Ecology of Oviposition-Site Selection in Herbivorous True Bugs. <i>Advances in the Study of Behavior</i> , 2013, 45, 175-207.	1.0	14
126	Influence of volatile compounds from herbivore-damaged soybean plants on searching behavior of the egg parasitoid <i>T. elenimus podisi</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2013, 147, 9-17.	0.7	28
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135	<i>Anastrepha</i> egg deposition induces volatiles in fruits that attract the parasitoid <i>Fopius arisanus</i> . <i>Bulletin of Entomological Research</i> , 2013, 103, 318-325.	0.5	10

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136	Phenotypic plasticity of plant response to herbivore eggs: effects on resistance to caterpillars and plant development. <i>Ecology</i> , 2013, 94, 702-713.	1.5	66
137	Egg Laying of Cabbage White Butterfly (<i>Pieris brassicae</i>) on <i>Arabidopsis thaliana</i> Affects Subsequent Performance of the Larvae. <i>PLoS ONE</i> , 2013, 8, e59661.	1.1	55
138	Extreme divergence in floral scent among woodland star species (<i>Lithophragma</i> spp.) pollinated by floral parasites. <i>Annals of Botany</i> , 2013, 111, 539-550.	1.4	43
139	Allelochemicals in Plant-Insect Interactions. , 2013, , .		1
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141	Host selection, oviposition behaviour and leaf traits in a specialist willow sawfly on species of <i>Salix</i> (<i>Salicaceae</i>). <i>Ecological Entomology</i> , 2013, 38, 617-626.	1.1	13
142	Elicitor(s) in <i>Sogatella furcifera</i> (Horváth) Causing the Japanese Rice Plant (<i>Oryza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 500 Biochemistry, 2013, 77, 1258-1261.	0.6	19
143	Developmental pathway from leaves to galls induced by a sap-feeding insect on <i>Schinus polygamus</i> (Cav.) Cabrera (<i>Anacardiaceae</i>). <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 187-200.	0.3	36
145	Larval Hitch-Hiking and Adult Flight Are Two Ways of Aphidiinae Parasitoids Long-Range Dispersal. <i>Environmental Entomology</i> , 2014, 43, 1327-1332.	0.7	5
146	Differential response of <i>Trichogramma</i> wasps to extreme sex pheromone types of the noctuid moth <i>Heliothis virescens</i> . <i>Ecological Entomology</i> , 2014, 39, 627-636.	1.1	8
147	Attraction to conspecific eggs may guide oviposition site selection in a solitary insect. <i>Behavioral Ecology</i> , 2014, 25, 110-116.	1.0	38
148	Structural determination of elicitors in <i>Sogatella furcifera</i> (Horváth) that induce Japonica rice plant varieties (<i>Oryza sativa</i> L.) to produce an ovicidal substance against <i>S. furcifera</i> eggs. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 937-942.	0.6	21
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150	Plant odour plumes as mediators of plant-insect interactions. <i>Biological Reviews</i> , 2014, 89, 68-81.	4.7	115
152	Assessment of Natural Parasitism of Sugarcane Moth Borers <i>Sesamia</i> spp. by <i>Telenomus busseolae</i> . <i>Sugar Tech</i> , 2014, 16, 325-328.	0.9	12
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154	Basic and Applied Aspects of Biopesticides. , 2014, , .		12
155	Attraction of the egg parasitoid, <i>Gonatocerus ashmeadi</i> Girault (Hymenoptera: Mymaridae) to synthetic formulation of a (E)- β -ocimene and (E,E)- β -farnesene mixture. <i>Biological Control</i> , 2014, 77, 23-28.	1.4	16

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157	Impact of reassociation with a coevolved herbivore on oviposition deterrence in a hostplant. <i>Oecologia</i> , 2014, 176, 117-127.	0.9	2
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159	Efficiency of plant induced volatiles in attracting <i>Encarsia formosa</i> and <i>Serangium japonicum</i> , two dominant natural enemies of whitefly <i>Bemisia tabaci</i> in China. <i>Pest Management Science</i> , 2014, 70, 1604-1610.	1.7	21
160	Ecological management of cereal stemborers in African smallholder agriculture through behavioural manipulation. <i>Ecological Entomology</i> , 2015, 40, 70-81.	1.1	38
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