# CITATION REPORT List of articles citing

Identification of Semiochemicals Released During Aphid Feeding That Attract Parasitoid Aphidius ervi

DOI: 10.1023/a:1021278816970 Journal of Chemical Ecology, 1998, 24, 1355-1368.

Source: https://exaly.com/paper-pdf/28865085/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
329	Exploiting semiochemicals in insect control. <b>1999</b> , 55, 225-235		100
328	Secondary Metabolites in Plant-Insect Interactions: Dynamic Systems of Induced and Adaptive Responses. <b>1999</b> , 91-115		10
327	Plant signalling and induced defence in insect attack. <b>2000</b> , 1, 67-72		24
326	Foraging behaviour and sequential multisensory orientation in the aphid parasitoid, Pauesia picta (Hym., Aphidiidae) at different spatial scales. <i>Journal of Applied Entomology</i> , <b>2000</b> , 124, 307-314	1.7	19
325	Reproductive Biology of Two Coelioxys Cleptoparasites in Relation to Their Megachile Hosts (Hymenoptera: Megachilidae). <b>2000</b> , 93, 941-948		15
324	Statistical modelling of insect behavioural responses in relation to the chemical composition of test extracts. <b>2001</b> , 26, 381-390		17
323	Foraging Behavior of Aphidius ervi (Haliday) (Hymenoptera: Braconidae: Aphidiinae) at Different Spatial Scales: Resource Utilization and Suboptimal Weather Conditions. <i>Biological Control</i> , <b>2001</b> , 21, 111-119	3.8	22
322	Switching on plant genes by external chemical signals. <b>2001</b> , 6, 137-9		47
321	Electrophysiology and behavior feedback of diamondback moth,Plutella xylostella, to volatile secondary metabolites emitted by Chinese cabbage. <b>2001</b> , 46, 2086-2088		17
320	Within-patch search flights by Pachyneuron aphidis (Hym., Pteromalidae): a potential strategy to compensate reduced foraging speed by foot. <i>Journal of Applied Entomology</i> , <b>2001</b> , 125, 309-312	1.7	2
319	Volatile compounds of endophyte-free and infected tall fescue (Festuca arundinacea Schreb.). <b>2001</b> , 58, 935-41		41
318	Field experiments testing for apparent competition between primary parasitoids mediated by secondary parasitoids. <b>2001</b> , 70, 301-309		3
317	Chemical information transfer between plants:. <b>2001</b> , 29, 981-994		132
316	Can aphid-induced plant signals be transmitted aerially and through the rhizosphere?. <b>2001</b> , 29, 1063-1	074	66
315	Field experiments testing for apparent competition between primary parasitoids mediated by secondary parasitoids. <b>2001</b> , 70, 301-309		47
314	The effects of abiotic factors on induced volatile emissions in corn plants. <b>2002</b> , 129, 1296-307		414
313	IS ATTRACTION FATAL? THE EFFECTS OF HERBIVORE-INDUCED PLANT VOLATILES ON HERBIVORE PARASITISM. <b>2002</b> , 83, 3416-3425		13

312	Gene expression profiling of Arabidopsis thaliana in compatible plant-aphid interactions. <b>2002</b> , 51, 182-203	201
311	Effect of jasmonate-induced plant responses on the natural enemies of herbivores. <b>2002</b> , 71, 141-150	64
310	Jasmonate-deficient plants have reduced direct and indirect defences against herbivores. <b>2002</b> , 5, 764-774	158
309	Insect-mediated reproduction of systemic infections by Puccinia arrhenatheri on Berberis vulgaris. <b>2002</b> , 154, 717-730	39
308	Composition of the volatiles from intact and tea aphid-damaged tea shoots and their allurement to several natural enemies of the tea aphid. <i>Journal of Applied Entomology</i> , <b>2002</b> , 126, 497-500	26
307	Prey-related odor preference of the predatory mites Typhlodromalus manihoti and Typhlodromalus aripo (Acari: Phytoseiidae). <b>2002</b> , 27, 39-56	8
306	A survey of aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) in Diyarbak县 Turkey. <b>2003</b> , 31, 524-528	8
305	Inducible indirect defence of plants: from mechanisms to ecological functions. 2003, 4, 27-42	217
304	Searching behaviour of the sevenspotted ladybird, Coccinella septempunctataleffects of plant-plant odour interaction. <b>2003</b> , 100, 65-70	42
303	Manipulation of parasitoids for aphid pest management: progress and prospects. <i>Pest Management Science</i> , <b>2003</b> , 59, 149-55	66
302	Recruitment of predators and parasitoids by herbivore-injured plants. 2004, 21-75	200
301	High genetic variability of herbivore-induced volatile emission within a broad range of maize inbred lines. <b>2004</b> , 135, 1928-38	226
300	Olfactory response by the aphidophagous gall midge, Aphidoletes aphidimyza to honeydew from green peach aphid, Myzus persicae. <b>2004</b> , 111, 37-45	26
299	Volatiles released from cotton plants in response to Helicoverpa zea feeding damage on cotton flower buds. <b>2004</b> , 218, 824-32	80
298	Cloning and functional expression of an (E, E)-alpha-farnesene synthase cDNA from peel tissue of apple fruit. <b>2004</b> , 219, 84-94	112
297	Insect oviposition induces volatile emission in herbaceous plants that attracts egg parasitoids. <b>2004</b> , 207, 47-53	170
296	Assessing the suitability of flowering herbs as parasitoid food sources: flower attractiveness and nectar accessibility. <i>Biological Control</i> , <b>2004</b> , 29, 307-314	183
295	Information use by the predatory mite Phytoseiulus persimilis (Acari: Phytoseiidae), a specialised natural enemy of herbivorous spider mites. <b>2005</b> , 40, 1-12	20

294	Temporal and within-plant distribution of the parasitoid and predator complexes associated with Acyrthosiphon pisum and A. kondoi (Homoptera: Aphididae) on alfalfa in Japan. <b>2005</b> , 40, 137-144		21
293	Direct and indirect defences induced by piercing-sucking and chewing herbivores in Medicago truncatula. <b>2005</b> , 167, 597-606		162
292	Alarm pheromone mediates production of winged dispersal morphs in aphids. <b>2005</b> , 8, 596-603		153
291	Choosy egg parasitoids: Specificity of oviposition-induced pine volatiles exploited by an egg parasitoid of pine sawflies. <b>2005</b> , 115, 217-225		49
290	Parasitoids use herbivore-induced information to adapt patch exploitation behaviour. <b>2005</b> , 30, 739-744		22
289	Influence of the aphid pathogen Pandora neoaphidis on the foraging behaviour of the aphid parasitoid Aphidius ervi. <b>2005</b> , 30, 665-672		27
288	The piercing-sucking herbivores Lygus hesperus and Nezara viridula induce volatile emissions in plants. <b>2005</b> , 58, 84-96		58
287	Further field evaluation of synthetic herbivore-induced plant volatiles as attractants for beneficial insects. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 481-95	7	217
286	Antennal electrophysiological responses of three parasitic wasps to caterpillar-induced volatiles from maize (Zea mays mays), cotton (Gossypium herbaceum), and cowpea (Vigna unguiculata).  Journal of Chemical Ecology, 2005, 31, 1023-38	7	89
285	Methyl salicylate, a soybean aphid-induced plant volatile attractive to the predator Coccinella septempunctata. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 1733-46	7	241
284	The role of fresh versus old leaf damage in the attraction of parasitic wasps to herbivore-induced maize volatiles. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 2003-18	7	83
283	Attraction of the parasitoid Anagrus nilaparvatae to rice volatiles induced by the rice brown planthopper Nilaparvata lugens. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 2357-72	7	105
282	Suitability of (extra-)floral nectar, pollen, and honeydew as insect food sources. 2005, 17-74		111
281	The significance of background odour for an egg parasitoid to detect plants with host eggs. <b>2005</b> , 30, 337-43		121
280	In situ modification of herbivore-induced plant odors: a novel approach to study the attractiveness of volatile organic compounds to parasitic wasps. <b>2005</b> , 30, 739-53		103
279	Response of the entomopathogenic fungus Pandora neoaphidis to aphid-induced plant volatiles. <b>2005</b> , 89, 157-64		24
278	Herbivore-induced, indirect plant defences. <b>2005</b> , 1734, 91-111		337
277	Insect host location: a volatile situation. <b>2005</b> , 10, 269-74		860

## (2006-2005)

276	Hemipterans as plant pathogens. <b>2005</b> , 43, 491-521	184
275	Advances and challenges in the identification of volatiles that mediate interactions among plants and arthropods. <b>2006</b> , 131, 24-32	136
274	The role of semiochemicals in host location and non-host avoidance by salmon louse (Lepeophtheirus salmonis) copepodids. <b>2006</b> , 63, 448-456	57
273	The role of root exudates in rhizosphere interactions with plants and other organisms. <b>2006</b> , 57, 233-66	2731
272	Volatile Compounds of Tufted Hairgrass. <b>2006</b> , 46, 2575-2580	10
271	Identification of Mythmna separata-induced maize volatile synomones that attract the parasitoid Campoletis chlorideae. <i>Journal of Applied Entomology</i> , <b>2006</b> , 130, 213-219	20
270	Similar attractiveness of maize volatiles induced by Helicoverpa armigera and Pseudaletia separata to the generalist parasitoid Campoletis chlorideae. <b>2006</b> , 118, 87-96	31
269	Behavioural responses of the aphid parasitoid Diaeretiella rapae to volatiles from Arabidopsis thaliana induced by Myzus persicae. <b>2006</b> , 120, 1-9	50
268	Wound-induced green leaf volatiles cause the release of acetylated derivatives and a terpenoid in maize. <b>2006</b> , 67, 34-42	60
267	Can plants betray the presence of multiple herbivore species to predators and parasitoids? The role of learning in phytochemical information networks. <b>2006</b> , 21, 3-8	62
266	Comparison of glass vessels and plastic bags for enclosing living plant parts for headspace analysis.  Journal of Chemical Ecology, <b>2006</b> , 32, 845-64	81
265	The Effect of UV-absorbing Plastic Sheet on the Attraction and Host Location Ability of Three Parasitoids: Aphidius colemani, Diglyphus isaea and Eretmocerus mundus. <b>2006</b> , 51, 65-78	38
264	Volatiles released from bean plants in response to agromyzid flies. <b>2006</b> , 224, 279-87	46
263	Exploiting scents of distress: the prospect of manipulating herbivore-induced plant odours to enhance the control of agricultural pests. <b>2006</b> , 9, 421-7	201
262	Habitat assessment by parasitoids: consequences for population distribution. <b>2006</b> , 17, 522-531	12
261	The Role of Insect-Derived Cues in Eliciting Indirect Plant Defenses in Tobacco, Nicotiana tabacum. <b>2006</b> , 1, 243-50	35
260	Habitat assessment by parasitoids: mechanisms for patch use behavior. <b>2006</b> , 17, 515-521	36
259	Aphid alarm pheromone produced by transgenic plants affects aphid and parasitoid behavior. <b>2006</b> , 103, 10509-10513	241

258	Disulfooxy fatty acids from the American bird grasshopper Schistocerca americana, elicitors of plant volatiles. <b>2007</b> , 104, 12976-81		182
257	Host-locating response by the aphid parasitoid Aphidius ervi to tomato plant volatiles. <b>2007</b> , 2, 175-183		46
256	Foraging behaviour of the parasitoid Lysiphlebus testaceipes (Hymenoptera: Braconidae) in response to plant volatiles, with reference to biocontrol of aphids in peri-urban vegetable production systems. <b>2007</b> , 17, 677-686		7
255	Differential electroantennogram response of females and males of two parasitoid species to host-related green leaf volatiles and inducible compounds. <b>2007</b> , 97, 515-22		38
254	Ecology meets plant physiology: herbivore-induced plant responses and their indirect effects on arthropod communities. 188-218		36
253	Linking ecological and evolutionary change in multitrophic interactions: assessing the evolutionary consequences of herbivore-induced changes in plant traits. 354-376		1
252	Biochemistry and molecular biology of Arabidopsis-aphid interactions. 2007, 29, 871-83		114
251	Herbivore-induced plant volatiles as cues for habitat assessment by a foraging parasitoid. <b>2007</b> , 76, 1-8		47
250	Response of the soybean aphid parasitoid Binodoxys communis to olfactory cues from target and non-target host-plant complexes. <b>2007</b> , 123, 149-158		25
249	Plant defence signalling induced by biotic attacks. <b>2007</b> , 10, 387-92		105
249 248	Plant defence signalling induced by biotic attacks. <b>2007</b> , 10, 387-92  Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710	2.7	105
	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and	2.7	
248	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710  A Comparison of Semiochemically Mediated Interactions Involving Specialist and Generalist Brassica-feeding Aphids and the Braconid Parasitoid Diaeretiella rapae. <i>Journal of Chemical Ecology</i> ,	,	48
248 247	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710  A Comparison of Semiochemically Mediated Interactions Involving Specialist and Generalist Brassica-feeding Aphids and the Braconid Parasitoid Diaeretiella rapae. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 767-79  Induction of plant volatiles by herbivores with different feeding habits and the effects of induced	2.7	48
248 247 246	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710  A Comparison of Semiochemically Mediated Interactions Involving Specialist and Generalist Brassica-feeding Aphids and the Braconid Parasitoid Diaeretiella rapae. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 767-79  Induction of plant volatiles by herbivores with different feeding habits and the effects of induced defenses on host-plant selection by thrips. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 997-1012  Essential compounds in herbivore-induced plant volatiles that attract the predatory mite	2.7	48 83 98
<ul><li>248</li><li>247</li><li>246</li><li>245</li></ul>	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710  A Comparison of Semiochemically Mediated Interactions Involving Specialist and Generalist Brassica-feeding Aphids and the Braconid Parasitoid Diaeretiella rapae. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 767-79  Induction of plant volatiles by herbivores with different feeding habits and the effects of induced defenses on host-plant selection by thrips. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 997-1012  Essential compounds in herbivore-induced plant volatiles that attract the predatory mite Neoseiulus womersleyi. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 1670-81  Courtship behavior in relation to the female sex pheromone in the parasitoid, Aphidius ervi	2.7 2.7 2.7	48 83 98 56
<ul><li>248</li><li>247</li><li>246</li><li>245</li><li>244</li></ul>	Response of the aphid parasitoid Aphidius funebris to volatiles from undamaged and aphid-infested Centaurea nigra. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 695-710  A Comparison of Semiochemically Mediated Interactions Involving Specialist and Generalist Brassica-feeding Aphids and the Braconid Parasitoid Diaeretiella rapae. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 767-79  Induction of plant volatiles by herbivores with different feeding habits and the effects of induced defenses on host-plant selection by thrips. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 997-1012  Essential compounds in herbivore-induced plant volatiles that attract the predatory mite Neoseiulus womersleyi. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 1670-81  Courtship behavior in relation to the female sex pheromone in the parasitoid, Aphidius ervi (Hymenoptera: Braconidae). <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 1946-59	2.7 2.7 2.7 2.7	48 83 98 56 31

## (2009-2008)

240	Host recognition by the specialist hoverfly Microdon mutabilis, a social parasite of the ant Formica lemani. <i>Journal of Chemical Ecology</i> , <b>2008</b> , 34, 168-78	2.7	27
239	Differential attraction of parasitoids in relation to specificity of kairomones from herbivores and their by-products. <b>2008</b> , 15, 381-397		44
238	Emission of alarm pheromone by non-preyed aphid colonies. <i>Journal of Applied Entomology</i> , <b>2008</b> , 132, 601-604	1.7	24
237	Herbivore-Induced Indirect Defense: From Induction Mechanisms to Community Ecology. <b>2008</b> , 31-60		27
236	Chemical ecology and conservation biological control. <i>Biological Control</i> , <b>2008</b> , 45, 210-224	3.8	169
235	Interactions of forests with secondary air pollutants: some challenges for future research. <b>2008</b> , 155, 391-7		26
234	Ecological Roles of Vegetative Terpene Volatiles. <b>2008</b> , 433-442		4
233	Elucidation of the genomic basis of indirect plant defense against insects. 2008, 3, 720-1		5
232	Avoiding effective defenses: strategies employed by phloem-feeding insects. 2008, 146, 859-66		399
231	The carotenoid cleavage dioxygenase 1 enzyme has broad substrate specificity, cleaving multiple carotenoids at two different bond positions. <b>2008</b> , 283, 11364-73		190
230	cis-Jasmone induces Arabidopsis genes that affect the chemical ecology of multitrophic interactions with aphids and their parasitoids. <b>2008</b> , 105, 4553-8		145
229	Role of the plantflonspecific complex in host location and intra-specific communication of Lygus rugulipennis. <b>2008</b> , 33, 129-137		23
228	Role of Visual and Olfactory Cues from Agricultural Hedgerows in the Orientation Behavior of Multicolored Asian Lady Beetle (Coleoptera: Coccinellidae). <b>2008</b> , 37, 973-979		25
227	Bottom-up effects of glucosinolate variation on aphid colony dynamics in wild cabbage populations. <b>2009</b> , 34, 614-623		33
226	Female-induced increase of host-plant volatiles enhance specific attraction of aphid male Dysaphis plantaginea (Homoptera: Aphididae) to the sex pheromone. <b>2009</b> , 99, 593-602		15
225	Do adult leaf beetles (Plagiodera versicolora) discriminate between odors from intact and leaf-beetle-infested willow shoots?. <b>2009</b> , 4, 125-129		9
224	Neem chemicals disturb the behavioral response of Liriomyza huidobrensis to conspecific-induced potato volatiles. <b>2009</b> , 81, 85-95		4
223	Effects of Genetic Variation and Inbreeding on Volatile Production in a Field Population of Horsenettle. <b>2009</b> , 170, 12-20		50

222	Multivariate statistics coupled to generalized linear models reveal complex use of chemical cues by a parasitoid. <b>2009</b> , 77, 901-909		49
221	Plant characteristics mediated by growing conditions can impact parasitoid ability to attack host aphids in winter canola. <i>Journal of Pest Science</i> , <b>2009</b> , 82, 335-342	5.5	30
220	Vicia faba-Lygus rugulipennis interactions: induced plant volatiles and sex pheromone enhancement. <i>Journal of Chemical Ecology</i> , <b>2009</b> , 35, 201-8	2.7	29
219	The Effect of Abiotic Factors on the Male Mate Searching Behavior and the Mating Success of Aphidius ervi (Hymenoptera: Aphidiidae). <b>2009</b> , 22, 101-110		6
218	Electrophysiological and behavioural responses of Aphidius ervi (Hymenoptera: Braconidae) to tomato plant volatiles. <b>2009</b> , 19, 195-201		44
217	Behavioural and community ecology of plants that cry for help. <b>2009</b> , 32, 654-65		240
216	Olfactory responses of Aphidius gifuensis to odors of host plants and aphid-plant complexes. <b>2009</b> , 16, 503-510		20
215	The effect of acetylsalicylic acid and oxalic acid on Myzus´persicae and Aphidius´colemani. <b>2009</b> , 130, 98-105		7
214	Attraction of the stink bug egg parasitoid Telenomus podisi to defence signals from soybean activated by treatment with cis-jasmone. <b>2009</b> , 131, 178-188		67
213	Fast gas chromatography characterisation of purified semiochemicals from essential oils of Matricaria chamomilla L. (Asteraceae) and Nepeta cataria L. (Lamiaceae). <b>2009</b> , 1216, 2768-75		58
212	Intra-specific variation affects the structure of the natural enemy assemblage attacking pea aphid colonies. <b>2009</b> , 34, 34-42		10
211	Learning is involved in the response of parasitic wasps Aphidius ervi (Haliday) (Hymenoptera: Braconidae) to volatiles from a broad bean plant, Vicia faba (Fabaceae), infested by aphids Acyrthosiphon pisum (Harris) (Homoptera: Aphididae). <b>2009</b> , 44, 23-28		22
210	Borago officinalis attracts the aphid parasitoid Aphidius colemani (Hymenoptera: Braconidae). <b>2010</b> , 45, 615-620		10
209	Production of semiochemical and allelobiotic agents as a consequence of aphid feeding. <b>2010</b> , 20, 89-9	6	9
208	The herbivore-induced plant volatile methyl salicylate negatively affects attraction of the parasitoid Diadegma semiclausum. <i>Journal of Chemical Ecology</i> , <b>2010</b> , 36, 479-89	2.7	69
207	Specialist leaf beetle larvae use volatiles from willow leaves infested by conspecifics for reaggregation in a tree. <i>Journal of Chemical Ecology</i> , <b>2010</b> , 36, 671-9	2.7	19
206	Changes in monoterpene emission rates of Quercus ilex infested by aphids tended by native or invasive Lasius ant species. <i>Journal of Chemical Ecology</i> , <b>2010</b> , 36, 689-98	2.7	12
205	Effects of volatiles from Maruca vitrata larvae and caterpillar-infested flowers of their host plant Vigna unguiculata on the foraging behavior of the parasitoid Apanteles taragamae. <i>Journal of Chemical Ecology</i> , <b>2010</b> , 36, 1083-91	2.7	38

## (2011-2010)

<b>2</b> 02	Relevance of resource-indicating key volatiles and habitat odour for insect orientation. <b>2010</b> , 79, 1077-1086	53
203	Plant Volatile Signalling: Multitrophic Interactions in the Headspace. <b>2010</b> , 95-122	9
202	Use of Volatiles in Pest Control. <b>2010</b> , 151-172	4
<b>2</b> 01	Validation of a fast gas chromatographic method for the study of semiochemical slow release formulations. <b>2010</b> , 53, 962-72	15
200	Headspace solid-phase microextraction and gas chromatography/ion trap-mass spectrometry applied to a living system: Pieris brassicae fed with kale. <b>2010</b> , 119, 1681-1693	10
199	Different headspace profiles in wild crucifer species in response to Plutella xylostella herbivory and exogenous jasmonic acid application. <b>2010</b> , 17, 29-37	4
198	Is quality more important than quantity? Insect behavioural responses to changes in a volatile blend after stemborer oviposition on an African grass. <b>2010</b> , 6, 314-7	80
197	Alarm pheromone habituation in Myzus persicae has fitness consequences and causes extensive gene expression changes. <b>2010</b> , 107, 14673-8	42
196	Foliar methyl salicylate emissions indicate prolonged aphid infestation on silver birch and black alder. <b>2010</b> , 30, 404-16	56
195	Electrophysiological and behavioral responses of Microplitis mediator (Hymenoptera: Braconidae) to caterpillar-induced volatiles from cotton. <b>2010</b> , 39, 600-9	48
194	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 animalplant interactions <b>2010</b> , 88, 628-667	222
193	Chemical Defence and Toxins of Plants. <b>2010</b> , 339-385	31
192	Evolutionary ecology of the interactions between aphids and their parasitoids. <b>2010</b> , 333, 554-65	38
191	Comparison of spatially implicit and explicit approaches to model plant infestation by insect pests. <b>2010</b> , 7, 1-12	5
190	Volatile organic compound emissions induced by the aphid Myzus persicae differ among resistant and susceptible peach cultivars and a wild relative. <b>2010</b> , 30, 1320-34	53
189	Alarm pheromones-chemical signaling in response to danger. <b>2010</b> , 83, 215-39	47
188	Allelochemicals in PlantIhsect Interactions. <b>2010</b> , 563-594	8
187	Ecology of the aphid pests of protected pepper crops and their parasitoids. <b>2011</b> , 21, 171-188	26

186	Ambophily and Buper generalismlin Ceratonia siliqua (Fabaceae) pollination. 344-373		0
185	Influence of intercropping with spring cereals on the occurrence of pea aphids (Acyrthosiphon pisum Harris, 1776) and their natural enemies in field pea (Pisum sativum L.). <b>2011</b> , 47, 25-36		9
184	Volatile Emissions from Developing Cotton Bolls in Response to Hemipteran Feeding Damage. <b>2011</b> , 46, 177-190		2
183	The multiple faces of indirect defences and their agents of natural selection. <b>2011</b> , 25, 348-357		194
182	Mining for treatment-specific and general changes in target compounds and metabolic fingerprints in response to herbivory and phytohormones in Plantago lanceolata. <b>2011</b> , 191, 1069-1082		32
181	Attractiveness of common insectary and harvestable floral resources to beneficial insects. <i>Biological Control</i> , <b>2011</b> , 56, 76-84	3.8	94
180	Differential preference of Capsicum spp. cultivars by Aphis gossypii is conferred by variation in volatile semiochemistry. <b>2011</b> , 177, 299-307		21
179	Pea aphids, Acyrthosiphon pisum, suppress induced plant volatiles in broad bean, Vicia faba. <i>Journal of Chemical Ecology</i> , <b>2011</b> , 37, 1055-62	2.7	54
178	Identification of semiochemicals released by cotton, Gossypium hirsutum, upon infestation by the cotton aphid, Aphis gossypii. <i>Journal of Chemical Ecology</i> , <b>2011</b> , 37, 741-50	2.7	43
177	Innate responses of the predatory mite Phytoseiulus persimilis to a herbivore-induced plant volatile. <b>2011</b> , 54, 125-38		4
176	Effect of foliar salicylic acid and methyl jasmonate applications on protection against pill-bugs in lettuce plants (Lactuca sativa). <b>2011</b> , 39, 137-144		16
175	Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles. <b>2011</b> , 278, 2646-53		59
174	Species and sexual differences in behavioural responses of a specialist and generalist parasitoid species to host-related volatiles. <b>2012</b> , 102, 710-8		13
173	Plant Root Secretions and Their Interactions with Neighbors. <b>2012</b> , 1-26		7
172	Aphid alarm pheromone: an overview of current knowledge on biosynthesis and functions. <b>2012</b> , 42, 155-63		94
171	Functional analysis of general odorant binding protein 2 from the meadow moth, Loxostege sticticalis L. (Lepidoptera: Pyralidae). <b>2012</b> , 7, e33589		48
170	Optimisation of a semiochemical slow-release alginate formulation attractive towards Aphidius ervi Haliday parasitoids. <i>Pest Management Science</i> , <b>2012</b> , 68, 127-36	4.6	27
169	Activation of defence in sweet pepper, Capsicum annum, by cis-jasmone, and its impact on aphid and aphid parasitoid behaviour. <i>Pest Management Science</i> , <b>2012</b> , 68, 1419-29	4.6	26

## (2013-2012)

168	Population biology and epidemiology of plant virus epidemics: from tripartite to tritrophic interactions. <b>2012</b> , 133, 3-23		21
167	The functional significance of E-Farnesene: Does it influence the populations of aphid natural enemies in the fields?. <i>Biological Control</i> , <b>2012</b> , 60, 108-112	3.8	23
166	Metabolic engineering of plant-derived (E)-Farnesene synthase genes for a novel type of aphid-resistant genetically modified crop plants. <b>2012</b> , 54, 282-99		40
165	Herbivore egg deposition induces tea leaves to arrest the egg-larval parasitoid Ascogaster reticulata. <b>2012</b> , 144, 172-180		11
164	Effect of synthetic and plant-extracted aphid pheromones on the behaviour of Aphidius colemani. Journal of Applied Entomology, <b>2012</b> , 136, 292-301	1.7	9
163	Effects of organic and conventional fertilizer treatments on host selection by the aphid parasitoid Diaeretiella rapae. <i>Journal of Applied Entomology</i> , <b>2012</b> , 136, 445-455	1.7	17
162	A coevolutionary conundrum: the arms race between Diuraphis noxia (Kurdjumov) a specialist pest and its host Triticum aestivum (L.). <i>Arthropod-Plant Interactions</i> , <b>2013</b> , 7, 359-372	2.2	12
161	Host preference of plant genotypes is altered by intraspecific competition in a phytophagous insect. <i>Arthropod-Plant Interactions</i> , <b>2013</b> , 7, 349-357	2.2	6
160	The semiochemistry of aphids. <b>2013</b> , 30, 1277-83		42
159	Non-pathogenic rhizobacteria interfere with the attraction of parasitoids to aphid-induced plant volatiles via jasmonic acid signalling. <b>2013</b> , 36, 393-404		88
158	Plant <b>P</b> GPR Interactions for Pest and Disease Resistance in Sustainable Agriculture. <b>2013</b> , 293-320		5
157	Plant Defences and Parasitoid Chemical Ecology. <b>2013</b> , 9-36		11
156	Underground signals carried through common mycelial networks warn neighbouring plants of aphid attack. <b>2013</b> , 16, 835-43		227
155	Aphid-proof plants: biotechnology-based approaches for aphid control. <b>2013</b> , 136, 179-203		16
154	InteractionInformation networks mediated by plant volatiles: a case study on willow trees. <b>2013</b> , 8, 197-202		8
153	Identification of sex pheromone components of blueberry spanworm Itame argillacearia (Lepidoptera: Geometridae). <i>Journal of Chemical Ecology</i> , <b>2013</b> , 39, 1169-81	2.7	12
152	Genetic engineering of plant volatile terpenoids: effects on a herbivore, a predator and a parasitoid. <i>Pest Management Science</i> , <b>2013</b> , 69, 302-11	4.6	36
151	Herbivory by the insect diaphorina citri induces greater change in citrus plant volatile profile than does infection by the bacterium, Candidatus Liberibacter asiaticus. <b>2013</b> , 8, doi: 10.4161/psb.25677		32

150	Allelochemicals in PlantInsect Interactions. 2013,	1
149	Phloem-feeding whiteflies can fool their host plants, but not their parasitoids. <b>2013</b> , 27, 1304-1312	33
148	Plant-aphid interactions with a focus on legumes. <b>2013</b> , 40, 1271-1284	33
147	Epichlolendophytes alter inducible indirect defences in host grasses. <b>2014</b> , 9, e101331	30
146	Mechanisms of species-sorting: effect of habitat occupancy on aphids' host plant selection. <b>2014</b> , 39, 281-289	14
145	Use of herbivore-induced plant volatiles as search cues by Tiphia vernalis and Tiphia popilliavora to locate their below-ground scarabaeid hosts. <b>2014</b> , 150, 74-85	4
144	Role of Semiochemicals in Integrated Pest Management. <b>2014</b> , 93-109	10
143	Herbivore species, infestation time, and herbivore density affect induced volatiles in tea plants. <b>2014</b> , 24, 1-14	69
142	Avoidance of intraguild predation leads to a long-term positive trait-mediated indirect effect in an insect community. <i>Oecologia</i> , <b>2014</b> , 174, 943-52	28
141	Perception of potential sex pheromones and host-associated volatiles in the cotton plant bug, Adelphocoris fasciaticollis (Hemiptera: Miridae): morphology and electrophysiology. <b>2014</b> , 49, 43-57	20
140	Attraction of a ladybird to sweet pepper damaged by two aphid species simultaneously or sequentially. <i>Arthropod-Plant Interactions</i> , <b>2014</b> , 8, 547-555	11
139	Attraction of the egg parasitoid, Gonatocerus ashmeadi Girault (Hymenoptera: Mymaridae) to synthetic formulation of a (E)-Ebcimene and (E,E)-Farnesene mixture. <i>Biological Control</i> , <b>2014</b> , 77, 23-28	11
138	Effect of irrigation regimes and artificial mycorrhization on insect pest infestations and yield in tomato crop. <b>2014</b> , 42, 235-246	17
137	Molecular characterization and expression profiles of olfactory receptor genes in the parasitic wasp, Microplitis mediator (Hymenoptera: Braconidae). <b>2014</b> , 60, 118-26	13
136	How aphids find their host plants, and how they don't. <b>2014</b> , 165, 3-26	81
135	Flight behaviour of vegetable pests and their natural enemies under different ultraviolet-blocking enclosures. <b>2015</b> , 167, 116-126	7
134	Expressing an (E)-Farnesene synthase in the chloroplast of tobacco affects the preference of green peach aphid and its parasitoid. <b>2015</b> , 57, 770-82	9
133	The aphid alarm pheromone (E)-Farnesene does not act as a cue for predators searching on a plant. <b>2015</b> , 25, 105-113	8

132	High-throughput phenotyping of plant resistance to aphids by automated video tracking. <b>2015</b> , 11, 4	23
131	Infection of host plants by Cucumber mosaic virus increases the susceptibility of Myzus persicae aphids to the parasitoid Aphidius colemani. <b>2015</b> , 5, 10963	28
130	Does the Aphid Alarm Pheromone (E)-Farnesene Act as a Kairomone under Field Conditions?.  Journal of Chemical Ecology, <b>2015</b> , 41, 267-75	13
129	Parasitic Wasps Aphidius ervi are More Attracted to a Blend of Host-Induced Plant Volatiles than to the Independent Compounds. <i>Journal of Chemical Ecology</i> , <b>2015</b> , 41, 801-7	34
128	VOCs-Mediated Location of Olive Fly Larvae by the Braconid Parasitoid Psyttalia concolor: A Multivariate Comparison among VOC Bouquets from Three Olive Cultivars. <b>2016</b> , 2016, 7827615	16
127	Soybean Aphid Response to their Alarm Pheromone E-Farnesene (EBF). <b>2016</b> , 29, 385-394	3
126	Is there any evidence that aphid alarm pheromones work as prey and host finding kairomones for natural enemies?. <b>2016</b> , 41, 1-12	16
125	Induced expression of defence-related genes in barley is specific to aphid genotype. <b>2016</b> , 117, 672-685	7
124	Which companion plants affect the performance of green peach aphid on host plants? Testing of 12 candidate plants under laboratory conditions. <b>2016</b> , 160, 164-178	10
123	Innate and Learned Responses of the Tephritid Parasitoid Psyttalia concolor (Hymenoptera: Braconidae) to Olive Volatiles Induced by Bactrocera oleae (Diptera: Tephritidae) Infestation. <b>2016</b> , 109, 2272-2280	14
122	Temporal changes in olfactory and oviposition responses of the diamondback moth to herbivore-induced host plants. <b>2016</b> , 160, 28-39	6
121	Plant volatile-mediated signalling and its application in agriculture: successes and challenges. <b>2016</b> , 212, 856-870	110
120	Mechanisms and evolution of plant resistance to aphids. <b>2016</b> , 2, 15206	157
119	Attraction of entomopathogenic nematodes to sugarcane root volatiles under herbivory by a sap-sucking insect. <b>2016</b> , 26, 59-66	13
118	Comparing the attraction of two parasitoids to herbivore-induced volatiles of maize and its wild ancestors, the teosintes. <b>2016</b> , 26, 33-44	24
117	Visual, vibratory, and olfactory cues affect interactions between the red spider mite Tetranychus evansi and its predator Phytoseiulus longipes. <i>Journal of Pest Science</i> , <b>2016</b> , 89, 137-152	9
116	Chemical ecology meets conservation biological control: identifying plant volatiles as predictors of floral resource suitability for an egg parasitoid of stink bugs. <i>Journal of Pest Science</i> , <b>2017</b> , 90, 299-310 5.5	27
115	Herbivory-induced changes in the olfactory and visual display of flowers and extrafloral nectaries affect pollinator behavior. <b>2017</b> , 31, 269-284	8

114	Behavioural and physiological responses to prey-related cues reflect higher competitiveness of invasive vs. native ladybirds. <b>2017</b> , 7, 3716		17
113	Functional analysis of female-biased odorant binding protein 6 for volatile and nonvolatile host compounds in Adelphocoris lineolatus (Goeze). <b>2017</b> , 26, 601-615		22
112	Impact of the invasive painted bug Bagrada hilaris on physiological traits of its host Brassica oleracea var botrytis. <i>Arthropod-Plant Interactions</i> , <b>2017</b> , 11, 649-658	2.2	10
111	cis-Jasmone primes defense pathways in tomato via emission of volatile organic compounds and regulation of genes with consequences for Spodoptera exigua oviposition. <i>Arthropod-Plant Interactions</i> , <b>2017</b> , 11, 591-602	2.2	9
110	Current Scenario of Root ExudateMediated Plant-Microbe Interaction and Promotion of Plant Growth. <b>2017</b> , 349-369		7
109	Terpenoid biosynthesis in Arabidopsis attacked by caterpillars and aphids: effects of aphid density on the attraction of a caterpillar parasitoid. <i>Oecologia</i> , <b>2017</b> , 185, 699-712	2.9	7
108	An (E,E)-Farnesene synthase gene of soybean has a role in defence against nematodes and is involved in synthesizing insect-induced volatiles. <b>2017</b> , 15, 510-519		26
107	Chemical Composition of the Headspace Volatiles from Chromolaena odorata (L.) R.M. King in Ghana. <b>2017</b> , 20, 1418-1423		1
106	Species- and density-dependent induction of volatile organic compounds by three mite species in cassava and their role in the attraction of a natural enemy. <b>2018</b> , 74, 261-274		10
105	Tritrophic Interactions Mediated by Herbivore-Induced Plant Volatiles: Mechanisms, Ecological Relevance, and Application Potential. <b>2018</b> , 63, 433-452		275
105			<sup>2</sup> 75
	Relevance, and Application Potential. <b>2018</b> , 63, 433-452  Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant	2.2	
104	Relevance, and Application Potential. 2018, 63, 433-452  Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant chemical cues. 2018, 8, 3219-3228  Herbivore- and MeJA-induced volatile emissions from the redroot pigweed Amaranthus retroflexus Linnaeus: their roles in attracting Microplitis mediator (Haliday) parasitoids. Arthropod-Plant	2.2	4
104	Relevance, and Application Potential. 2018, 63, 433-452  Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant chemical cues. 2018, 8, 3219-3228  Herbivore- and MeJA-induced volatile emissions from the redroot pigweed Amaranthus retroflexus Linnaeus: their roles in attracting Microplitis mediator (Haliday) parasitoids. Arthropod-Plant Interactions, 2018, 12, 575-589  Antipredator response of pea aphids Acyrthosiphon pisum (Hemiptera: Aphididae): effects of	2.2	4 5
104	Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant chemical cues. 2018, 8, 3219-3228  Herbivore- and MeJA-induced volatile emissions from the redroot pigweed Amaranthus retroflexus Linnaeus: their roles in attracting Microplitis mediator (Haliday) parasitoids. <i>Arthropod-Plant Interactions</i> , 2018, 12, 575-589  Antipredator response of pea aphids Acyrthosiphon pisum (Hemiptera: Aphididae): effects of predation risks from an alternative patch on a current patch. 2018, 53, 267-274	2.2	<ul><li>4</li><li>5</li><li>2</li></ul>
104 103 102	Relevance, and Application Potential. 2018, 63, 433-452  Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant chemical cues. 2018, 8, 3219-3228  Herbivore- and MeJA-induced volatile emissions from the redroot pigweed Amaranthus retroflexus Linnaeus: their roles in attracting Microplitis mediator (Haliday) parasitoids. Arthropod-Plant Interactions, 2018, 12, 575-589  Antipredator response of pea aphids Acyrthosiphon pisum (Hemiptera: Aphididae): effects of predation risks from an alternative patch on a current patch. 2018, 53, 267-274  Highly cited articles in wind tunnel-related research: a bibliometric analysis. 2018, 25, 15541-15553  Bactrocera oleae-induced olive VOCs routing mate searching in Psyttalia concolor males: impact of	2.2 5.5	4 5 2 11
104 103 102 101	Relevance, and Application Potential. 2018, 63, 433-452  Selection by parasitoid females among closely related hosts based on volatiles: Identifying relevant chemical cues. 2018, 8, 3219-3228  Herbivore- and MeJA-induced volatile emissions from the redroot pigweed Amaranthus retroflexus Linnaeus: their roles in attracting Microplitis mediator (Haliday) parasitoids. Arthropod-Plant Interactions, 2018, 12, 575-589  Antipredator response of pea aphids Acyrthosiphon pisum (Hemiptera: Aphididae): effects of predation risks from an alternative patch on a current patch. 2018, 53, 267-274  Highly cited articles in wind tunnel-related research: a bibliometric analysis. 2018, 25, 15541-15553  Bactrocera oleae-induced olive VOCs routing mate searching in Psyttalia concolor males: impact of associative learning. 2018, 108, 40-47  A pushpull strategy to control aphids combines intercropping with semiochemical releases.		4 5 2 11

96	Plant virus infection influences bottom-up regulation of a plant-aphid-parasitoid system. <i>Journal of Pest Science</i> , <b>2018</b> , 91, 361-372	.5	5
95	Adaptation of Defensive Strategies by the Pea Aphid Mediates Predation Risk from the Predatory Lady Beetle. <i>Journal of Chemical Ecology</i> , <b>2018</b> , 44, 40-50	·7	4
94	Behavioral and Ovipositional Response of Diaeretiella rapae (Hymenoptera: Braconidae) to Rhopalosiphum padi and Brevicoryne brassicae in Winter Wheat and Winter Canola. <b>2018</b> , 47, 1517-1524		
93	Microbiota in insect fungal pathology. <b>2018</b> , 102, 5873-5888		35
92	Phloem-feeding herbivory on flowering melon plants enhances attraction of parasitoids by shifting floral to defensive volatiles. <i>Arthropod-Plant Interactions</i> , <b>2018</b> , 12, 751-760	.2	5
91	Salvia verticillata: Linking glandular trichomes, volatiles and pollinators. <b>2018</b> , 155, 53-60		13
90	The Aphid-Transmitted Differentially Affects Volatiles Emission and Subsequent Vector Behavior in Two Plants. <b>2018</b> , 19,		9
89	Mycorrhizae Alter Constitutive and Herbivore-Induced Volatile Emissions by Milkweeds. <i>Journal of Chemical Ecology</i> , <b>2019</b> , 45, 610-625	·7	12
88	An unbiased approach elucidates variation in ()-(+)-linalool, a context-specific mediator of a tri-trophic interaction in wild tobacco. <b>2019</b> , 116, 14651-14660		20
87	Brassica-aphid interaction: Challenges and prospects of genetic engineering for integrated aphid management. <b>2019</b> , 108, 101442		3
86	Plant-Insect Interaction: The Saga of Molecular Coevolution. <b>2019</b> , 1-27		1
85	Semiochemicals for Integrated Pest Management. <b>2019</b> , 85-112		4
84	Role of Plant Volatiles, Pest-Resistant Varieties and Transgenics in Tri-trophic Interactions. <b>2019</b> , 245-252		
83	The effect of rearing history and aphid density on volatile-mediated foraging behaviour of Diaeretiella rapae. <b>2019</b> , 44, 255-264		3
82	Identification and Expression Profiling of Peripheral Olfactory Genes in the Parasitoid Wasp (Hymenoptera: Braconidae) Reared on Different Aphid Hosts. <i>Insects</i> , <b>2019</b> , 10,	.8	1
81	Effect of Iodine treatments on Ocimum basilicum L.: Biofortification, phenolics production and essential oil composition. <b>2019</b> , 14, e0226559		16
80	An odorant receptor and glomerulus responding to farnesene in Helicoverpa assulta (Lepidoptera: Noctuidae). <b>2019</b> , 115, 103106		13
79	Biological Control of Asparagus Pests Using Synthetic Herbivore-Induced Volatiles. <b>2019</b> , 48, 202-210		4

78	The cotton bollworm endoparasitoid Campoletis chlorideae is attracted by cis-jasmone or cis-3-hexenyl acetate but not by their mixtures. <i>Arthropod-Plant Interactions</i> , <b>2020</b> , 14, 169-179	.2	5
77	Modern Maize Hybrids Have Lost Volatile Bottom-Up and Top-Down Control of Dalbulus maidis, a Specialist Herbivore. <i>Journal of Chemical Ecology</i> , <b>2020</b> , 46, 906-915	.7	4
76	Aphid-Plant Interactions: Implications for Pest Management. 2020,		1
75	Under fire-simultaneous volatilome and transcriptome analysis unravels fine-scale responses of tansy chemotypes to dual herbivore attack. <b>2020</b> , 20, 551		5
74	How Effective Is Conservation Biological Control in Regulating Insect Pest Populations in Organic Crop Production Systems?. <i>Insects</i> , <b>2020</b> , 11,	.8	3
73	Changes in Tea Plant Secondary Metabolite Profiles as a Function of Leafhopper Density and Damage. <b>2020</b> , 11, 636		9
7 <sup>2</sup>	A H NMR-based metabolomic approach to study the production of antimalarial compounds from Psiadia arguta leaves (pers.) voigt. <b>2020</b> , 176, 112401		3
71	Predatory Earwigs are Attracted by Herbivore-Induced Plant Volatiles Linked with Plant Growth-Promoting Rhizobacteria. <i>Insects</i> , <b>2020</b> , 11,	.8	6
70	VOCs determination by adsorbent-Raman system in food and botanicals. <b>2020</b> , 12, 1595-1605		1
69	Olive fruit volatiles route intraspecific interactions and chemotaxis in Bactrocera oleae (Rossi) (Diptera: Tephritidae) females. <b>2020</b> , 10, 1666		7
68	Plant-Insect Interaction: The Saga of Molecular Coevolution. <b>2020</b> , 19-45		6
67	Sensing the Danger Signals: cis-Jasmone Reduces Aphid Performance on Potato and Modulates the Magnitude of Released Volatiles. <b>2020</b> , 7,		6
66	Impact of insect herbivory on plant stress volatile emissions from trees: A synthesis of quantitative measurements and recommendations for future research. <b>2020</b> , 5, 100060		21
65	Adsorbent-SERS Technique for Determination of Plant VOCs from Live Cotton Plants and Dried Teas. <b>2020</b> , 5, 2779-2790		8
64	Mapping the knowledge domains of research on fire safety han informetrics analysis. <b>2021</b> , 108, 103676		8
63	Insect alarm pheromones in response to predators: Ecological trade-offs and molecular mechanisms. <b>2021</b> , 128, 103514		8
62	Influence of semiochemicals present in the scales of Spodoptera frugiperda on chemotactic behavior of Trichogramma pretiosum. <b>2021</b> , 169, 393-402		O
61	Coordinative mediation of the response to alarm pheromones by three odorant binding proteins in the green peach aphid Myzus persicae. <b>2021</b> , 130, 103528		9

60	Essential oils-based repellents for the management of Myzus persicae and Macrosiphum euphorbiae. <i>Journal of Pest Science</i> , 1	5.5	1
59	Chemical Identity and Functional Characterization of Semiochemicals That Promote the Interactions between Rice Plant and Rice Major Pest. <b>2021</b> , 69, 4635-4644		1
58	Plant Volatiles and Oviposition Behavior in the Selection of Barley Cultivars by Wheat Stem Sawfly (Hymenoptera: Cephidae). <b>2021</b> , 50, 940-947		2
57	Host-Seeking Behavior of Aphidius gifuensis (Hymenoptera: Braconidae) Modulated by Chemical Cues Within a Tritrophic Context. <b>2021</b> , 21,		O
56	Species-Specific Induction of Plant Volatiles by Two Aphid Species in Apple: Real Time Measurement of Plant Emission and Attraction of Lacewings in the Wind Tunnel. <i>Journal of Chemical Ecology</i> , <b>2021</b> , 47, 653-663	2.7	1
55	Effect of host plant on the life history of the carnation tortrix moth (Lepidoptera: Tortricidae). <b>2021</b> , 1-7		O
54	Aphids Facing Their Parasitoids: A First Look at How Chemical Signals May Make Higher Densities of the Pea Aphid Less Attractive to the Parasitoid. <i>Insects</i> , <b>2021</b> , 12,	2.8	O
53	Mapping the knowledge domains of research on corrosion of petrochemical equipment: An informetrics analysis-based study. <b>2021</b> , 129, 105716		О
52	Aphids. <b>2021</b> , 105-182		1
51	Infochemical Webs and Tritrophic Interactions.		9
50	Terpenoids in Plant Signaling: Chemical Ecology. 1		5
49	Specificity of herbivore-induced plant defences. <i>Novartis Foundation Symposium</i> , <b>1999</b> , 223, 43-54; discussion 54-9, 160-5		3
48	Aphids, predators and parasitoids. <i>Novartis Foundation Symposium</i> , <b>1999</b> , 223, 60-7; discussion 67-73		4
47	Role of Natural Products in Nature: Plant-Insect Interactions. <b>2009</b> , 321-347		5
46	Exploiting Insect Olfaction in Forensic Entomology. <b>2009</b> , 205-221		8
45	The Chemistry of Plant Signalling. <b>2010</b> , 21-41		7
44	Sensory Ecology of Arthropods Utilizing Plant Infochemicals. 2001, 253-270		2
43	Are herbivore-induced plant volatiles reliable indicators of herbivore identity to foraging carnivorous arthropods?. <b>1999</b> , 131-142		6

42	Induction of plant responses to oviposition and feeding by herbivorous arthropods: a comparison. <b>2002</b> , 181-192	2
41	Non-trophic Interactions: Allelopathy. <b>2014</b> , 139-162	2
40	Chapter 8 Plant and Stink Bug Interactions at Different Trophic Levels. <b>2017</b> , 180-199	2
39	Chemical Signals in the Rhizosphere. <b>2007</b> , 297-330	1
38	Aphid Parasitoid Mothers Don't Always Know Best through the Whole Host Selection Process. <b>2015</b> , 10, e0135661	10
37	Are vent crab behavioral preferences adaptations for habitat choice?. <b>2017</b> , 12, e0182649	4
36	Non-consumptive effects stabilize herbivore control over multiple generations. <b>2020</b> , 15, e0241870	4
35	Manipulation of plant odour preference by learning in the aphid parasitoid Aphelinus abdominalis (Hymenoptera: Aphelinidae). <i>European Journal of Entomology</i> , <b>2000</b> , 97, 533-538	11
34	Tritrophic interactions between cereals, aphids and parasitoids: Discrimination of different plant-host complexes by Aphidius rhopalosiphi (Hymenoptera: Aphidiidae). <i>European Journal of Entomology</i> , <b>2000</b> , 97, 539-543	9
33	Hyperparasitoid volatiles as possible foraging behaviour determinants in the aphid parasitoid Aphidius uzbekistanicus (Hymenoptera: Aphidiidae). <i>European Journal of Entomology</i> , <b>2000</b> , 97, 545-550	12
32	Plant chemistry and aphid parasitoids (Hymenoptera: Braconidae): Imprinting and memory. <i>European Journal of Entomology</i> , <b>2008</b> , 105, 477-483	24
31	Chemical cues mediating aphid location by natural enemies. <i>European Journal of Entomology</i> , <b>2008</b> , 105, 797-806	90
30	Changes in the volatile profile of Brassica oleracea due to feeding and oviposition by Murgantia histrionica (Heteroptera: Pentatomidae). <i>European Journal of Entomology</i> , <b>2008</b> , 105, 839-847	36
29	Host plants and aphid hosts influence the selection behaviour of three aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae). <i>European Journal of Entomology</i> , 113, 516-522	8
28	Use of CLSA and SPME-headspace techniques followed by GC-MS analysis to extract and identify the floral odorants. <i>Pakistan Journal of Biological Sciences</i> , <b>2008</b> , 11, 1246-51	3
27	Exploiting insect responses in identifying plant signals. <i>Novartis Foundation Symposium</i> , <b>1999</b> , 223, 253-62; discussion 262-5, 266-9	2
26	Volatiles Induced from (Dennstaedtiaceae) by Herbivores Attract (Hemiptera: Reduviidae): Clear Evidence of Indirect Defense in Fern. <i>Insects</i> , <b>2021</b> , 12,	1
25	Carotenoids and Apocarotenoids in Planta: Their Role in Plant Development, Contribution to the Flavour and Aroma of Fruits and Flowers, and Their Nutraceutical Benefits. <i>Plants</i> , <b>2021</b> , 10,	7

#### (2023-2022)

24	Multiple global change impacts on parasitism and biocontrol services in future agricultural landscapes. <i>Advances in Ecological Research</i> , <b>2022</b> , 245-304	4.6	1
23	Volatiles from eggplants infested by Aphis gossypii induce oviposition behavior in the aphidophagous gall midge Aphidoletes aphidimyza. <i>Arthropod-Plant Interactions</i> , <b>2022</b> , 16, 45-52	2.2	
22	Herbivore-induced plant volatiles, not natural enemies, mediate a positive indirect interaction between insect herbivores <i>Oecologia</i> , <b>2022</b> , 198, 443	2.9	О
21	The omnivorous predator Macrolophus pygmaeus induces production of plant volatiles that attract a specialist predator. <i>Journal of Pest Science</i> , 1	5.5	O
20	Molecular basis of (E)-Farnesene-mediated aphid location in the predator Eupeodes corollae <i>Current Biology</i> , <b>2022</b> ,	6.3	3
19	Chemical Cues From Honeydew and Cuticular Extracts of Trialeurodes Vaporariorum Serve as Kairomones for The Parasitoid Encarsia Formosa <i>Journal of Chemical Ecology</i> , <b>2022</b> , 1	2.7	1
18	Volatile organic compounds released by wheat as a result of striped shieldbug feeding and insect behaviour. <i>Journal of Applied Entomology</i> ,	1.7	O
17	A parasitoid's dilemma between food and host resources: the role of volatiles from nectar-providing marigolds and host-infested plants attracting Aphidius platensis <i>Die Naturwissenschaften</i> , <b>2021</b> , 109, 9	2	
16	Table_1.DOCX. <b>2020</b> ,		
15	Image_1.JPEG. <b>2020</b> ,		
15 14	Image_1.JPEG. <b>2020</b> , Table_1.xlsx. <b>2020</b> ,		
		4.6	0
14	Table_1.xlsx. <b>2020</b> ,  Effects of aphid-induced semiochemicals from cover plants on Harmonia axyridis (Coleoptera:	4.6	O 1
14	Table_1.xlsx. 2020,  Effects of aphid-induced semiochemicals from cover plants on Harmonia axyridis (Coleoptera: Coccinellidae) Pest Management Science, 2022,  Evolutionarily conserved odorant-binding proteins participate in establishing tritrophic		
14 13	Table_1.xlsx. 2020,  Effects of aphid-induced semiochemicals from cover plants on Harmonia axyridis (Coleoptera: Coccinellidae) Pest Management Science, 2022,  Evolutionarily conserved odorant-binding proteins participate in establishing tritrophic interactions. IScience, 2022, 104664  Evaluation of floral-derived volatile blend for attracting aphid parasitoids and lady beetles in the	6.1	1
14 13 12	Table_1.xlsx. 2020,  Effects of aphid-induced semiochemicals from cover plants on Harmonia axyridis (Coleoptera: Coccinellidae) Pest Management Science, 2022,  Evolutionarily conserved odorant-binding proteins participate in establishing tritrophic interactions. IScience, 2022, 104664  Evaluation of floral-derived volatile blend for attracting aphid parasitoids and lady beetles in the tobacco fields. Biological Control, 2022, 172, 104979	6.1	1
14 13 12 11	Table_1.xlsx. 2020,  Effects of aphid-induced semiochemicals from cover plants on Harmonia axyridis (Coleoptera: Coccinellidae) Pest Management Science, 2022,  Evolutionarily conserved odorant-binding proteins participate in establishing tritrophic interactions. Iscience, 2022, 104664  Evaluation of floral-derived volatile blend for attracting aphid parasitoids and lady beetles in the tobacco fields. Biological Control, 2022, 172, 104979  Chemical Ecology of Floral Resources in Conservation Biological Control. 2023, 68,  Efecto de dosis subletales de azadirachtina en la capacidad de b@queda del parasitoide Encarsia	6.1	1 O 2

6	Kairomonal Effect of Aphid Alarm Pheromones and Analogs on the Parasitoid Diaeretiella rapae. <b>2022</b> , 13, 1055	О
5	Functional analysis of odorant-binding proteins for the parasitic host location to implicate convergent evolution between the grain aphid and its parasitoid Aphidius gifuensis. <b>2023</b> , 226, 510-524	О
4	Plants strike back: Plant volatiles and their role in indirect defence against aphids.	O
3	L-DOPA functions as a plant pheromone for belowground anti-herbivory communication.	O
2	Characterization of the 1-Deoxy-D-xylulose 5-Phosphate synthase Genes in Toona ciliata Suggests Their Role in Insect Defense. <b>2023</b> , 24, 2339	0
1	Arbuscular mycorrhizal fungi make endophyte-induced plant volatiles perceptible. <b>2023</b> , 89, 227-234	Ο