John A Pickett

List of Publications by Year
in descending order

302	17,806	13865 67	19190 118
papers	citations	h-index	g-index

307	307	307	12721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Use of Push-Pull Strategies in Integrated Pest Management. Annual Review of Entomology, 2007, 52, 375-400.	11.8	1,173
2	Stressful â€œmemoriesâ€•of plants: Evidence and possible mechanisms. Plant Science, 2007, 173, 603-608.	3.6	807
3	Perception of plant volatile blends by herbivorous insects â€“ Finding the right mix. Phytochemistry, 2011, 72, 1605-1611.	2.9	607
4	Title is missing!. Journal of Chemical Ecology, 1998, 24, 1355-1368.	1.8	382
5	Averting a malaria disaster: will insecticide resistance derail malaria control?. Lancet, The, 2016, 387, 1785-1788.	13.7	366
6	Underground signals carried through common mycelial networks warn neighbouring plants of aphid attack. Ecology Letters, 2013, 16, 835-843.	6.4	305
7	Exploiting chemical ecology and species diversity: stem borer and striga control for maize and sorghum in Africa. Pest Management Science, 2000, 56, 957-962.	3.4	284
8	Aphid alarm pheromone produced by transgenic plants affects aphid and parasitoid behavior. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10509-10513.	7.1	281
9	Characterisation of Bombyx mori Odorant-binding Proteins Reveals that a General Odorant-binding Protein Discriminates Between Sex Pheromone Components. Journal of Molecular Biology, 2009, 389, 529-545.	4.2	246
10	A climate-adapted push-pull system effectively controls fall armyworm, Spodoptera frugiperda (J E) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	240
11	CYP79F1 and CYP79F2 have distinct functions in the biosynthesis of aliphatic glucosinolates in Arabidopsis. Plant Journal, 2003, 33, 923-937.	5.7	238
12	Behavioral and electrophysiological responses of Aphids to host and nonhost plant volatiles. Journal of Chemical Ecology, 1991, 17, 1231-1242.	1.8	232
13	â€œPlus-Câ€•odorant-binding protein genes in two Drosophila species and the malaria mosquito Anopheles gambiae. Gene, 2004, 327, 117-129.	2.2	217
14	Selective induction of glucosinolates in oilseed rape leaves by methyl jasmonate. Phytochemistry, 1995, 38, 347-350.	2.9	212
15	Chemical ecology and conservation biological control. Biological Control, 2008, 45, 210-224.	3.0	208
16	Maize landraces recruit egg and larval parasitoids in response to egg deposition by a herbivore. Ecology Letters, 2011, 14, 1075-1083.	6.4	204
17	Achieving food security for one million sub-Saharan African poor through pushâ€“pull innovation by 2020. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20120284.	4.0	203
18	Identification of Human-Derived Volatile Chemicals that Interfere with Attraction of Aedes aegypti Mosquitoes. Journal of Chemical Ecology, 2008, 34, 308-322.	1.8	200

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19	Volatiles functioning as host cues in a blend become nonhost cues when presented alone to the black bean aphid. Animal Behaviour, 2010, 79, 451-457.	1.9	200
20	Exploiting phytochemicals for developing a 'push-pull' crop protection strategy for cereal farmers in Africa. Journal of Experimental Botany, 2010, 61, 4185-4196.	4.8	183
21	The potential for land sparing to offset greenhouse gas emissions from agriculture. Nature Climate Change, 2016, 6, 488-492.	18.8	177
22	<i>cis</i> -Jasmone induces <i>Arabidopsis</i> genes that affect the chemical ecology of multitrophic interactions with aphids and their parasitoids. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4553-4558.	7.1	169
23	Pushâ€"pull farming systems. Current Opinion in Biotechnology, 2014, 26, 125-132.	6.6	164
24	Cytochrome P450 CYP79F1 from Arabidopsis Catalyzes the Conversion of Dihomomethionine and Trihomomethionine to the Corresponding Aldoximes in the Biosynthesis of Aliphatic Glucosinolates. Journal of Biological Chemistry, 2001, 276, 11078-11085.	3.4	162
25	Control of witchweed Striga hermonthica by intercropping with Desmodium spp., and the mechanism defined as allelopathic. Journal of Chemical Ecology, 2002, 28, 1871-1885.	1.8	160
26	The cabbage aphid: a walking mustard oil bomb. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2271-2277.	2.6	159
27	Plant volatileâ€mediated signalling and its application in agriculture: successes and challenges. New Phytologist, 2016, 212, 856-870.	7.3	156
28	Methyl salicylate and (â^')-(1R,5S)-myrtenal are plant-derived repellents for black bean aphid,Aphis fabae Scop. (Homoptera: Aphididae). Journal of Chemical Ecology, 1994, 20, 2847-2855.	1.8	154
29	CYP83B1 Is the Oxime-metabolizing Enzyme in the Glucosinolate Pathway in Arabidopsis. Journal of Biological Chemistry, 2001, 276, 24790-24796.	3.4	146
30	Resistance mutation conserved between insects and mites unravels the benzoylurea insecticide mode of action on chitin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14692-14697.	7.1	144
31	Identification of Volatile Compounds Used in Host Location by the Black Bean Aphid, Aphis fabae. Journal of Chemical Ecology, 2008, 34, 1153-1161.	1.8	141
32	The first crop plant genetically engineered to release an insect pheromone for defence. Scientific Reports, 2015, 5, 11183.	3.3	133
33	Plant defence signalling induced by biotic attacks. Current Opinion in Plant Biology, 2007, 10, 387-392.	7.1	125
34	Pushâ€"pull technology: a conservation agriculture approach for integrated management of insect pests, weeds and soil health in Africa. International Journal of Agricultural Sustainability, 2011, 9, 162-170.	3.5	124
35	Isoflavanones from the allelopathic aqueous root exudate of Desmodium uncinatum. Phytochemistry, 2003, 64, 265-273.	2.9	123
36	Genome and EST Analyses and Expression of a Gene Family with Putative Functions in Insect Chemoreception. Chemical Senses, 2006, 31, 453-465.	2.0	123

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37	Exploiting semiochemicals in insect control. Pest Management Science, 1999, 55, 225-235.	0.4	118
38	On-farm evaluation of the â€˜pushâ€“pullâ€™ technology for the control of stemborers and striga weed on maize in western Kenya. Field Crops Research, 2008, 106, 224-233.	5.1	118
39	Combined control of Striga hermonthica and stemborers by maizeâ€“Desmodium spp. intercrops. Crop Protection, 2006, 25, 989-995.	2.1	116
40	Repellent activity of catmint, Nepeta cataria, and iridoid nepetalactone isomers against Afro-tropical mosquitoes, ixodid ticks and red poultry mites. Phytochemistry, 2011, 72, 109-114.	2.9	111
41	cis-Jasmone treatment induces resistance in wheat plants against the grain aphid,Sitobion avenae (Fabricius) (Homoptera: Aphididae). Pest Management Science, 2003, 59, 1031-1036.	3.4	109
42	Biosynthesis of methionine-derived glucosinolates in Arabidopsis thaliana : recombinant expression and characterization of methylthioalkylmalate synthase, the condensing enzyme of the chain-elongation cycle. Planta, 2004, 218, 1026-1035.	3.2	109
43	<i>Plasmodium</i> -associated changes in human odor attract mosquitoes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4209-E4218.	7.1	105
44	Arbuscular mycorrhizal fungi and aphids interact by changing host plant quality and volatile emission. Functional Ecology, 2014, 28, 375-385.	3.6	103
45	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, 1023-1038.	1.8	100
46	Title is missing!. Journal of Chemical Ecology, 1998, 24, 1161-1172.	1.8	99
47	Identification of Floral Volatiles Involved in Recognition of Oilseed Rape Flowers, Brassica napus by Honeybees, Apis mellifera. Journal of Chemical Ecology, 1997, 23, 1715-1727.	1.8	98
48	Is quality more important than quantity? Insect behavioural responses to changes in a volatile blend after stemborer oviposition on an African grass. Biology Letters, 2010, 6, 314-317.	2.3	96
49	Aphid sex pheromones: from discovery to commercial production. Phytochemistry, 2003, 62, 651-656.	2.9	95
50	Arm-in-cage testing of natural human-derived mosquito repellents. Malaria Journal, 2010, 9, 239.	2.3	94
51	Revisiting the odorant-binding protein LUSH ofDrosophila melanogaster: evidence for odour recognition and discrimination. FEBS Letters, 2004, 558, 23-26.	2.8	91
52	Isoschaftoside, a C-glycosylflavonoid from Desmodium uncinatum root exudate, is an allelochemical against the development of Striga. Phytochemistry, 2010, 71, 904-908.	2.9	91
53	Binding of the General Odorant Binding Protein of Bombyx mori BmorGOBP2 to the Moth Sex Pheromone Components. Journal of Chemical Ecology, 2010, 36, 1293-1305.	1.8	91
54	The transcriptome of cis-jasmone-induced resistance in Arabidopsis thaliana and its role in indirect defence. Planta, 2010, 232, 1163-1180.	3.2	90

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55	Evaluation of Napier grass (Pennisetum purpureum) varieties for use as trap plants for the management of African stemborer (Busseola fusca) in a push?pull strategy. Entomologia Experimentalis Et Applicata, 2007, 124, 201-211.	1.4	86
56	Virus Infection of Plants Alters Pollinator Preference: A Payback for Susceptible Hosts?. PLoS Pathogens, 2016, 12, e1005790.	4.7	86
57	Identification and Expression Profiling of Odorant Binding Proteins and Chemosensory Proteins between Two Wingless Morphs and a Winged Morph of the Cotton Aphid Aphis gossypii Glover. PLoS ONE, 2013, 8, e73524.	2.5	86
58	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1411-1425.	1.8	85
59	The Role of Semiochemicals in the Avoidance of the Seven-Spot Ladybird, Coccinella septempunctata, by the Aphid Parasitoid, Aphidius ervi. Journal of Chemical Ecology, 2004, 30, 1103-1116.	1.8	84
60	Push-Pull: Chemical Ecology-Based Integrated Pest Management Technology. Journal of Chemical Ecology, 2016, 42, 689-697.	1.8	84
61	Climate-adapted companion cropping increases agricultural productivity in East Africa. Field Crops Research, 2015, 180, 118-125.	5.1	83
62	Antiectoparasitic activity of the gum resin, gum haggar, from the East African plant, Commiphora holtziana. Phytochemistry, 2008, 69, 1710-1715.	2.9	82
63	Natural variation in priming of basal resistance: from evolutionary origin to agricultural exploitation. Molecular Plant Pathology, 2010, 11, 817-827.	4.2	79
64	Attraction of the stink bug egg parasitoid <i>TelenomusÂpodisi</i> to defence signals from soybean activated by treatment with <i>cis</i>â€jasmone. Entomologia Experimentalis Et Applicata, 2009, 131, 178-188.	1.4	78
65	Manipulation of parasitoids for aphid pest management: progress and prospects. Pest Management Science, 2003, 59, 149-155.	3.4	77
66	Electrophysiological and behavioural responses of Aphidius ervi (Hymenoptera: Braconidae) to tomato plant volatiles. Chemoecology, 2009, 19, 195-201.	1.1	76
67	Can aphid-induced plant signals be transmitted aerially and through the rhizosphere?. Biochemical Systematics and Ecology, 2001, 29, 1063-1074.	1.3	75
68	cis-Jasmone induces accumulation of defence compounds in wheat, Triticum aestivum. Phytochemistry, 2008, 69, 9-17.	2.9	73
69	Farmersâ€™ perceptions of a â€˜pushâ€“pullâ€™ technology for control of cereal stemborers and Striga weed in western Kenya. Crop Protection, 2008, 27, 976-987.	2.1	72
70	Economic performance of the â€˜pushâ€“pullâ€™ technology for stemborer and Striga control in smallholder farming systems in western Kenya. Crop Protection, 2008, 27, 1084-1097.	2.1	69
71	The aphid sex pheromone cyclopentanoids: Synthesis in the elucidation of structure and biosynthetic pathways. Bioorganic and Medicinal Chemistry, 1996, 4, 351-361.	3.0	68
72	Assessment of Different Legumes for the Control of <i>Striga hermonthica</i> in Maize and Sorghum. Crop Science, 2007, 47, 730-734.	1.8	67

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73	Development of field strategies incorporating semiochemicals for the control of the pea and bean weevil, Sitona lineatus L.. Crop Protection, 1994, 13, 127-135.	2.1	66
74	The role of semiochemicals in host location and non-host avoidance by salmon louse (Lepeophtheirus) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	65
75	Repellent activity of alligator pepper, Aframomum melegueta, and ginger, Zingiber officinale, against the maize weevil, Sitophilus zeamais. Phytochemistry, 2009, 70, 751-758.	2.9	65
76	Management of witchweed,Striga hermonthica, and stemborers in sorghum,Sorghum bicolor, through intercropping with greenleaf desmodium,Desmodium intortum. International Journal of Pest Management, 2006, 52, 297-302.	1.8	63
77	The semiochemistry of aphids. Natural Product Reports, 2013, 30, 1277.	10.3	59
78	Emerging Agricultural Biotechnologies for Sustainable Agriculture and Food Security. Journal of Agricultural and Food Chemistry, 2016, 64, 383-393.	5.2	59
79	Change in acceptability of barley plants to aphids after exposure to allelochemicals from couch-grass (Elytrigia repens). Journal of Chemical Ecology, 2003, 29, 261-274.	1.8	58
80	New genetic opportunities from legume intercrops for controlling <i>Striga</i> spp. parasitic weeds. Pest Management Science, 2009, 65, 546-552.	3.4	58
81	Aphid sex pheromone components: Age-dependent release by females and species-specific male response. Chemoecology, 1990, 1, 63-68.	1.1	56
82	Identification of Semiochemicals Released by Cotton, Gossypium hirsutum, Upon Infestation by the Cotton Aphid, Aphis gossypii. Journal of Chemical Ecology, 2011, 37, 741-750.	1.8	56
83	The roles of olfaction and vision in host-plant finding by the diamondback moth, Plutella xylostella. Physiological Entomology, 2006, 31, 134-145.	1.5	54
84	Characterisations of odorant-binding proteins in the tsetse fly Glossina morsitans morsitans. Cellular and Molecular Life Sciences, 2010, 67, 919-929.	5.4	54
85	Between plant and diurnal variation in quantities and ratios of volatile compounds emitted by Vicia faba plants. Phytochemistry, 2010, 71, 81-89.	2.9	53
86	Integrated management of<i>Striga hermonthica</i>and cereal stemborers in finger millet (<i>Eleusine coracana</i>(L.) Gaertn.) through intercropping with<i>Desmodium intortum</i>. International Journal of Pest Management, 2010, 56, 145-151.	1.8	53
87	Companion Cropping to Manage Parasitic Plants. Annual Review of Phytopathology, 2010, 48, 161-177.	7.8	53
88	Farmers' perceptions of cotton pests and their management in western Kenya. Crop Protection, 2012, 42, 193-201.	2.1	53
89	Switching on plant genes by external chemical signals. Trends in Plant Science, 2001, 6, 137-139.	8.8	52
90	Herbivory by a Phloem-Feeding Insect Inhibits Floral Volatile Production. PLoS ONE, 2012, 7, e31971.	2.5	52

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91	Oviposition Induced Volatile Emissions from African Smallholder Farmersâ€™ Maize Varieties. Journal of Chemical Ecology, 2012, 38, 231-234.	1.8	52
92	Aphid antixenosis in cotton is activated by the natural plant defence elicitor cis-jasmone. Phytochemistry, 2012, 78, 81-88.	2.9	52
93	Identification of Human-Derived Volatile Chemicals That Interfere With Attraction of the Scottish Biting Midge and Their Potential Use as Repellents. Journal of Medical Entomology, 2009, 46, 208-219.	1.8	49
94	Activity of quassinoids as antifeedants against aphids. Journal of Chemical Ecology, 1989, 15, 993-998.	1.8	48
95	Cumulative effects and economic benefits of intercropping maize with food legumes on Striga hermonthica infestation. Field Crops Research, 2014, 155, 144-152.	5.1	48
96	Prospects of genetic engineering for robust insect resistance. Current Opinion in Plant Biology, 2014, 19, 59-67.	7.1	48
97	Protecting cows in small holder farms in East Africa from tsetse flies by mimicking the odor profile of a non-host bovid. PLoS Neglected Tropical Diseases, 2017, 11, e0005977.	3.0	48
98	(+)-(10R)-Germacrene A synthase from goldenrod, Solidago canadensis; cDNA isolation, bacterial expression and functional analysis. Phytochemistry, 2002, 60, 691-702.	2.9	46
99	Glucosinolate biosynthesis: demonstration and characterization of the condensing enzyme of the chain elongation cycle in Eruca sativa. Phytochemistry, 2004, 65, 1073-1084.	2.9	46
100	Metabolic Engineering of Plantâ€derived (<i>E</i>)â€Î²â€farnesene Synthase Genes for a Novel Type of Aphidâ€resistant Genetically Modified Crop Plants^F. Journal of Integrative Plant Biology, 2012, 54, 282-299.	8.5	46
101	Heritability of Attractiveness to Mosquitoes. PLoS ONE, 2015, 10, e0122716.	2.5	46
102	The sex pheromone of the greenbug, <i>Schizaphis graminum</i>. Entomologia Experimentalis Et Applicata, 1988, 48, 91-93.	1.4	44
103	Evaluation of farmers' field days as a dissemination tool for push-pull technology in Western Kenya. Crop Protection, 2009, 28, 225-235.	2.1	44
104	cis-Jasmone Elicits Aphid-Induced Stress Signalling in Potatoes. Journal of Chemical Ecology, 2017, 43, 39-52.	1.8	44
105	Sex Attractant Pheromone from the Rice Stalk Stink Bug, Tibraca limbativentris Stal. Journal of Chemical Ecology, 2006, 32, 2749-2761.	1.8	43
106	DEET repels ORNery mosquitoes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13195-13196.	7.1	43
107	Behavioral Responses of the Leafhopper, Cicadulina storeyi China, a Major Vector of Maize Streak Virus, to Volatile Cues from Intact and Leafhopper-Damaged Maize. Journal of Chemical Ecology, 2011, 37, 40-48.	1.8	43
108	Two-step learning involved in acquiring olfactory preferences for plant volatiles by parasitic wasps. Animal Behaviour, 2012, 83, 1491-1496.	1.9	43

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109	Drought-tolerant Desmodium species effectively suppress parasitic striga weed and improve cereal grain yields in western Kenya. Crop Protection, 2017, 98, 94-101.	2.1	43
110	Release of alkenyl isothiocyanates and other volatiles from Brassica rapa seedlings during infection by Alternaria brassicae. Phytochemistry, 1996, 43, 371-374.	2.9	42
111	Laboratory and Field Responses of the Mosquito, Culex quinquefasciatus, to Plant-Derived Culex spp. Oviposition Pheromone and the Oviposition Cue Skatole. Journal of Chemical Ecology, 2004, 30, 965-976.	1.8	42
112	Odours of Plasmodium falciparum-infected participants influence mosquito-host interactions. Scientific Reports, 2017, 7, 9283.	3.3	42
113	Production of (5R,6S)-6-Acetoxy-5-hexadecanolide, the Mosquito Oviposition Pheromone, from the Seed Oil of the Summer Cypress Plant,Kochia scoparia(Chenopodiaceae). Journal of Agricultural and Food Chemistry, 1999, 47, 3411-3415.	5.2	41
114	Comparative Innate Responses of the Aphid Parasitoid Diaeretiella rapae to Alkenyl Glucosinolate Derived Isothiocyanates, Nitriles, and Epithionitriles. Journal of Chemical Ecology, 2008, 34, 1302-1310.	1.8	41
115	Chemical Ecology of Animal and Human Pathogen Vectors in a Changing Global Climate. Journal of Chemical Ecology, 2010, 36, 113-121.	1.8	41
116	Aspects of insect chemical ecology: exploitation of reception and detection as tools for deception of pests and beneficial insects. Physiological Entomology, 2012, 37, 2-9.	1.5	41
117	Responses of Parasitoids to Volatiles Induced by Chilo partellus Oviposition on Teosinte, a Wild Ancestor of Maize. Journal of Chemical Ecology, 2015, 41, 323-329.	1.8	41
118	Convenient synthesis of mosquito oviposition pheromone and a highly fluorinated analog retaining biological activity. Journal of Chemical Ecology, 1990, 16, 1779-1789.	1.8	39
119	Encoding of host and non-host plant odours by receptor neurones in the eucalyptus woodborer, Phoracantha semipunctata (Coleoptera: Cerambycidae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2002, 188, 121-133.	1.6	38
120	Developments in aspects of ecological phytochemistry: The role of cis-jasmone in inducible defence systems in plants. Phytochemistry, 2007, 68, 2937-2945.	2.9	38
121	Ecological management of cereal stemborers in <scp>A</scp>frican smallholder agriculture through behavioural manipulation. Ecological Entomology, 2015, 40, 70-81.	2.2	38
122	Some fluorine-containing pheromone analogues. Pest Management Science, 1986, 17, 441-448.	0.4	37
123	Role of semiochemicals in mate location by parasitic sea louse, Lepeophtheirus salmonis. Journal of Chemical Ecology, 2002, 28, 2107-2117.	1.8	37
124	Integration of edible beans (Phaseolus vulgaris L.) into the pushâ€“pull technology developed for stemborer and Striga control in maize-based cropping systems. Crop Protection, 2009, 28, 997-1006.	2.1	37
125	Host plant selection behaviour of Chilo partellus and its implication for effectiveness of a trap crop. Entomologia Experimentalis Et Applicata, 2011, 138, 40-47.	1.4	37
126	Increasing phosphorus supply is not the mechanism by which arbuscular mycorrhiza increase attractiveness of bean (Vicia faba) to aphids. Journal of Experimental Botany, 2014, 65, 5231-5241.	4.8	37

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127	Novel olfactory ligands via terpene synthases. Chemical Communications, 2015, 51, 7550-7553.	4.1	37
128	Use of insect antifeedants against aphid vectors of plant virus disease. Pest Management Science, 1989, 27, 269-276.	0.4	36
129	Laboratory evaluation of antifeedant compounds for inhibiting settling by cereal aphids. Entomologia Experimentalis Et Applicata, 1997, 84, 189-193.	1.4	36
130	Expression of lima bean terpene synthases in rice enhances recruitment of a beneficial enemy of a major rice pest. Plant, Cell and Environment, 2018, 41, 111-120.	5.7	36
131	The Potential of Semiochemicals for Control ofPhorodon humuli(Homoptera: Aphididae). Pest Management Science, 1996, 48, 293-303.	0.4	35
132	Title is missing!. Journal of Chemical Ecology, 2000, 26, 1833-1847.	1.8	35
133	Semiochemicals used in Host Location by the Coffee berry Borer, Hypothenemus hampei. Journal of Chemical Ecology, 2009, 35, 944-950.	1.8	35
134	Responses of Herbivore and Predatory Mites to Tomato Plants Exposed to Jasmonic Acid Seed Treatment. Journal of Chemical Ecology, 2013, 39, 1297-1300.	1.8	35
135	Foraging in a complex environment - semiochemicals support searching behaviour of the seven spot ladybird. European Journal of Entomology, 2005, 102, 365-370.	1.2	35
136	Sex Pheromone Stereochemistry and Purity Affect Field Catches of Male Aphids. Journal of Chemical Ecology, 1997, 23, 2547-2554.	1.8	34
137	Cloning and functional characterisation of a cis-muuroladiene synthase from black peppermint (MenthaÃ—piperita) and direct evidence for a chemotype unable to synthesise farnesene. Phytochemistry, 2006, 67, 1564-1571.	2.9	34
138	Maize stemborer predator activity under â€˜pushÂâ€“Âpullâ€™ system and Bt-maize: A potential component in managing Bt resistance. International Journal of Pest Management, 2006, 52, 1-10.	1.8	33
139	Vicia fabaâ€“Lygus rugulipennis Interactions: Induced Plant Volatiles and Sex Pheromone Enhancement. Journal of Chemical Ecology, 2009, 35, 201-208.	1.8	33
140	Activation of defence in sweet pepper, <i>Capsicum annum</i>, by <i>cis</i>â€jasmone, and its impact on aphid and aphid parasitoid behaviour. Pest Management Science, 2012, 68, 1419-1429.	3.4	33
141	Identification of Two Sex Pheromone Components of the Potato Aphid, Macrosiphum euphorbiae (Thomas). Journal of Chemical Ecology, 2004, 30, 819-834.	1.8	32
142	Chemical stimuli supporting foraging behaviour of Coccinella septempunctata L. (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.2	32
143	Development of semiochemical attractants for monitoring bean seed beetle, <i>Bruchus rufimanus</i>. Pest Management Science, 2011, 67, 1303-1308.	3.4	32
144	Priming of Production in Maize of Volatile Organic Defence Compounds by the Natural Plant Activator cis-Jasmone. PLoS ONE, 2013, 8, e62299.	2.5	32

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145	Attractiveness of Host Plant Volatile Extracts to the Asian Citrus Psyllid, Diaphorina citri, is Reduced by Terpenoids from the Non-Host Cashew. Journal of Chemical Ecology, 2018, 44, 397-405.	1.8	32
146	Secondary plant metabolites as targets for genetic modification of crop plants for pest resistance. Pest Management Science, 1989, 27, 191-201.	0.4	31
147	Volatile isoprenoids that control insect behaviour and development. Natural Product Reports, 1999, 16, 39-54.	10.3	31
148	Food security: intensification of agriculture is essential, for which current tools must be defended and new sustainable technologies invented. Food and Energy Security, 2013, 2, 167-173.	4.3	31
149	Attraction of field-flying aphid males to synthetic sex pheromone. Chemoecology, 1992, 3, 113-117.	1.1	30
150	Chemical precursors for studying the effects of glucosinolate catabolites on diseases and pests of oilseed rape (Brassica napus) or related plants. Pest Management Science, 1993, 39, 271-278.	0.4	30
151	Title is missing!. Plant and Soil, 2001, 232, 31-39.	3.7	30
152	Effects of mulching, N-fertilization and intercropping with Desmodium uncinatum on Striga hermonthica infestation in maize. Crop Protection, 2013, 44, 44-49.	2.1	30
153	Identification of non-host semiochemicals for the brown dog tick, Rhipicephalus sanguineus sensu lato (Acari: Ixodidae), from tick-resistant beagles, Canis lupus familiaris. Ticks and Tick-borne Diseases, 2015, 6, 676-682.	2.7	30
154	Plant Volatiles Yielding New Ways to Exploit Plant Defence. , 0, , 161-173.		30
155	Plant signalling and induced defence in insect attack. Molecular Plant Pathology, 2000, 1, 67-72.	4.2	29
156	Host Recognition by the Specialist Hoverfly Microdon mutabilis, a Social Parasite of the Ant Formica lemani. Journal of Chemical Ecology, 2008, 34, 168-178.	1.8	29
157	Emerging roles in plant defense forcis-jasmone-induced cytochrome P450 CYP81D11. Plant Signaling and Behavior, 2011, 6, 563-565.	2.4	29
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159	Synthesis of (2S,7S)-dibutyroxynonane, the sex pheromone of the orange wheat blossom midge, Sitodiplosis mosellana (GÃ©hin) (Diptera: Cecidomyiidae), by diastereoselective silicon-tethered ring-closing metathesis. Tetrahedron Letters, 2007, 48, 5991-5994.	1.4	28
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