

Joop J A Van Loon

List of Publications by Year in descending order

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Version: 2024-02-01

254
papers

18,211
citations

12597

71
h-index

20625

120
g-index

260
all docs

260
docs citations

260
times ranked

13471
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of low and high red to far-red light ratio on tomato plant morphology and performance of four arthropod herbivores. <i>Scientia Horticulturae</i> , 2022, 292, 110645.	1.7	9
2	Leaf-chewing herbivores affect preference and performance of a specialist root herbivore. <i>Oecologia</i> , 2022, 199, 243-255.	0.9	4
3	Insect frass and exuviae to promote plant growth and health. <i>Trends in Plant Science</i> , 2022, 27, 646-654.	4.3	47
4	Habituation to a Deterrent Plant Alkaloid Develops Faster in the Specialist Herbivore <i>Helicoverpa assulta</i> Than in Its Generalist Congener <i>Helicoverpa armigera</i> and Coincides with Taste Neuron Desensitisation. <i>Insects</i> , 2022, 13, 21.	1.0	0
5	Upgrading ammonia-nitrogen from manure into body proteins in black soldier fly larvae. <i>Resources, Conservation and Recycling</i> , 2022, 182, 106343.	5.3	11
6	Black Soldier Fly Larvae Influence Internal and Substrate Bacterial Community Composition Depending on Substrate Type and Larval Density. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0008422.	1.4	10
7	Effects of extreme temperature events on the parasitism performance of <i>Diadegma semiclausum</i> , an endoparasitoid of <i>Plutella xylostella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2022, 170, 656-665.	0.7	2
8	Specialist root herbivore modulates plant transcriptome and downregulates defensive secondary metabolites in a brassicaceous plant. <i>New Phytologist</i> , 2022, 235, 2378-2392.	3.5	2
9	Plant feeding by <i>Nesidiocoris tenuis</i> : Quantifying its behavioral and mechanical components. <i>Biological Control</i> , 2021, 152, 104402.	1.4	28
10	Differential effects of the rhizobacterium <i>Pseudomonas simiae</i> on above- and belowground chewing insect herbivores. <i>Journal of Applied Entomology</i> , 2021, 145, 250-260.	0.8	7
11	Bidirectional plant-mediated interactions between rhizobacteria and shoot-feeding herbivorous insects: a community ecology perspective. <i>Ecological Entomology</i> , 2021, 46, 1-10.	1.1	19
12	Evaluating putative repellent "push" and attractive "pull" components for manipulating the odour orientation of host-seeking malaria vectors in the peri-domestic space. <i>Parasites and Vectors</i> , 2021, 14, 42.	1.0	18
13	Predicting the impact of outdoor vector control interventions on malaria transmission intensity from semi-field studies. <i>Parasites and Vectors</i> , 2021, 14, 64.	1.0	20
14	Fine mapping of a thrips resistance QTL in <i>Capsicum</i> and the role of diterpene glycosides in the underlying mechanism. <i>Theoretical and Applied Genetics</i> , 2021, 134, 1557-1573.	1.8	5
15	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	12
16	Cost-Effectiveness of Black Soldier Fly Larvae Meal as Substitute of Fishmeal in Diets for Layer Chicks and Growers. <i>Sustainability</i> , 2021, 13, 6074.	1.6	15
17	Black soldier fly reared on pig manure: Bioconversion efficiencies, nutrients in the residual material, greenhouse gas and ammonia emissions. <i>Waste Management</i> , 2021, 126, 674-683.	3.7	46
18	Insects are a viable protein source for human consumption: from insect protein digestion to postprandial muscle protein synthesis in vivo in humans: a double-blind randomized trial. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 934-944.	2.2	47

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19	Identification of a gustatory receptor tuned to sinigrin in the cabbage butterfly <i>Pieris rapae</i> . <i>PLoS Genetics</i> , 2021, 17, e1009527.	1.5	29
20	Shoot and root insect herbivory change the plant rhizosphere microbiome and affects cabbage–insect interactions through plant–soil feedback. <i>New Phytologist</i> , 2021, 232, 2475-2490.	3.5	23
21	Dietary enrichment of edible insects with omega 3 fatty acids. <i>Insect Science</i> , 2020, 27, 500-509.	1.5	99
22	Use of visual and olfactory cues of flowers of two brassicaceous species by insect pollinators. <i>Ecological Entomology</i> , 2020, 45, 45-55.	1.1	28
23	Foliar herbivory by caterpillars and aphids differentially affects phytohormonal signalling in roots and plant defence to a root herbivore. <i>Plant, Cell and Environment</i> , 2020, 43, 775-786.	2.8	31
24	The effect of a thrips resistance QTL in different <i>Capsicum</i> backgrounds. <i>Euphytica</i> , 2020, 216, 1.	0.6	3
25	Edible insects unlikely to contribute to transmission of coronavirus SARS-CoV-2. <i>Journal of Insects As Food and Feed</i> , 2020, 6, 333-339.	2.1	22
26	Use of semiochemicals for surveillance and control of hematophagous insects. <i>Chemoecology</i> , 2020, 30, 277-286.	0.6	21
27	Insects for peace. <i>Current Opinion in Insect Science</i> , 2020, 40, 85-93.	2.2	19
28	Nutritional composition of black soldier fly larvae feeding on agro–industrial by–products. <i>Entomologia Experimentalis Et Applicata</i> , 2020, 168, 472-481.	0.7	68
29	Black soldier fly larvae show a stronger preference for manure than for a mass–rearing diet. <i>Journal of Applied Entomology</i> , 2020, 144, 560-565.	0.8	14
30	Reprotoxic effects of the systemic insecticide fipronil on the butterfly <i>Pieris brassicae</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192665.	1.2	8
31	Smallholder farmers’ knowledge and willingness to pay for insect-based feeds in Kenya. <i>PLoS ONE</i> , 2020, 15, e0230552.	1.1	44
32	Bioconversion efficiencies, greenhouse gas and ammonia emissions during black soldier fly rearing – A mass balance approach. <i>Journal of Cleaner Production</i> , 2020, 271, 122488.	4.6	59
33	Insights in the Global Genetics and Gut Microbiome of Black Soldier Fly, <i>Hermetia illucens</i> : Implications for Animal Feed Safety Control. <i>Frontiers in Microbiology</i> , 2020, 11, 1538.	1.5	34
34	Chemical Mediation of Oviposition by Anopheles Mosquitoes: a Push-Pull System Driven by Volatiles Associated with Larval Stages. <i>Journal of Chemical Ecology</i> , 2020, 46, 397-409.	0.9	19
35	Insects for sustainable animal feed: inclusive business models involving smallholder farmers. <i>Current Opinion in Environmental Sustainability</i> , 2019, 41, 23-30.	3.1	98
36	Aflatoxin B1 Conversion by Black Soldier Fly (<i>Hermetia illucens</i>) Larval Enzyme Extracts. <i>Toxins</i> , 2019, 11, 532.	1.5	29

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37	Effect of Dietary Replacement of Fishmeal by Insect Meal on Growth Performance, Blood Profiles and Economics of Growing Pigs in Kenya. <i>Animals</i> , 2019, 9, 705.	1.0	55
38	Equivalence analysis to support environmental safety assessment: Using nontarget organism count data from field trials with cisgenically modified potato. <i>Ecology and Evolution</i> , 2019, 9, 2863-2882.	0.8	4
39	Conversion of organic resources by black soldier fly larvae: Legislation, efficiency and environmental impact. <i>Journal of Cleaner Production</i> , 2019, 222, 355-363.	4.6	116
40	Effects of dietary protein and carbohydrate on life history traits and body protein and fat contents of the black soldier fly <i>Hermetia illucens</i> . <i>Physiological Entomology</i> , 2019, 44, 148-159.	0.6	54
41	The effect of plant development on thrips resistance in Capsicum. <i>Arthropod-Plant Interactions</i> , 2019, 13, 11-18.	0.5	9
42	Symbiotic polydnavirus and venom reveal parasitoid to its hyperparasitoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5205-5210.	3.3	54
43	Attraction of Three Mirid Predators to Tomato Infested by Both the Tomato Leaf Mining Moth <i>Tuta absoluta</i> and the Whitefly <i>Bemisia tabaci</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 29-39.	0.9	37
44	The potential of future foods for sustainable and healthy diets. <i>Nature Sustainability</i> , 2018, 1, 782-789.	11.5	197
45	Threshold temperatures and thermal requirements of black soldier fly <i>Hermetia illucens</i> : Implications for mass production. <i>PLoS ONE</i> , 2018, 13, e0206097.	1.1	94
46	Influence of larval density and dietary nutrient concentration on performance, body protein, and fat contents of black soldier fly larvae (<i>Hermetia illucens</i>). <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 761-770.	0.7	135
47	Performance of the Black Soldier Fly (Diptera: Stratiomyidae) on Vegetable Residue-Based Diets Formulated Based on Protein and Carbohydrate Contents. <i>Journal of Economic Entomology</i> , 2018, 111, 2676-2683.	0.8	36
48	Insects as sources of iron and zinc in human nutrition. <i>Nutrition Research Reviews</i> , 2018, 31, 248-255.	2.1	77
49	Towards a coordination of European activities to diagnose and manage insect diseases in production facilities. <i>Journal of Insects As Food and Feed</i> , 2018, 4, 157-166.	2.1	18
50	Effects of waste stream combinations from brewing industry on performance of Black Soldier Fly, <i>Hermetia illucens</i> (Diptera: Stratiomyidae). <i>PeerJ</i> , 2018, 6, e5885.	0.9	55
51	Assessing environmental impacts of genetically modified plants on non-target organisms: The relevance of in planta studies. <i>Science of the Total Environment</i> , 2017, 583, 123-132.	3.9	49
52	Does drought stress modify the effects of plant growth promoting rhizobacteria on an aboveground chewing herbivore?. <i>Insect Science</i> , 2017, 24, 1034-1044.	1.5	7
53	Antagonism between two root-associated beneficial <i>Pseudomonas</i> strains does not affect plant growth promotion and induced resistance against a leaf-chewing herbivore. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	18
54	Natural variation in life history strategy of <i>Arabidopsis thaliana</i> determines stress responses to drought and insects of different feeding guilds. <i>Molecular Ecology</i> , 2017, 26, 2959-2977.	2.0	23

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55	Qualitative and Quantitative Differences in Herbivore-Induced Plant Volatile Blends from Tomato Plants Infested by Either <i>Tuta absoluta</i> or <i>Bemisia tabaci</i> . <i>Journal of Chemical Ecology</i> , 2017, 43, 53-65.	0.9	63
56	Virus interferes with host-seeking behaviour of mosquito. <i>Journal of Experimental Biology</i> , 2017, 220, 3598-3603.	0.8	33
57	Response of a Predatory ant to Volatiles Emitted by Aphid- and Caterpillar-Infested Cucumber and Potato Plants. <i>Journal of Chemical Ecology</i> , 2017, 43, 1007-1022.	0.9	19
58	Terpenoid biosynthesis in <i>Arabidopsis</i> attacked by caterpillars and aphids: effects of aphid density on the attraction of a caterpillar parasitoid. <i>Oecologia</i> , 2017, 185, 699-712.	0.9	10
59	Biodiversity analyses for risk assessment of genetically modified potato. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 196-205.	2.5	13
60	Inoculation of susceptible and resistant potato plants with the late blight pathogen <i>Phytophthora infestans</i> : effects on an aphid and its parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 163, 305-314.	0.7	5
61	Effects of a genetically modified potato on a non-target aphid are outweighed by cultivar differences. <i>Journal of Pest Science</i> , 2017, 90, 855-864.	1.9	13
62	The effect of co-infestation by conspecific and heterospecific aphids on the feeding behaviour of <i>Nasonovia ribisnigri</i> on resistant and susceptible lettuce cultivars. <i>Arthropod-Plant Interactions</i> , 2017, 11, 785-796.	0.5	5
63	<i>Brevicoryne brassicae</i> aphids interfere with transcriptome responses of <i>Arabidopsis thaliana</i> to feeding by <i>Plutella xylostella</i> caterpillars in a density-dependent manner. <i>Oecologia</i> , 2017, 183, 107-120.	0.9	14
64	Genome-wide association analysis reveals distinct genetic architectures for single and combined stress responses in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2017, 213, 838-851.	3.5	62
65	Endure and call for help: strategies of black mustard plants to deal with a specialized caterpillar. <i>Functional Ecology</i> , 2017, 31, 325-333.	1.7	22
66	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. <i>New Phytologist</i> , 2017, 213, 1346-1362.	3.5	144
67	Degradation and excretion of the <i>Fusarium</i> toxin deoxynivalenol by an edible insect, the Yellow mealworm (<i>Tenebrio molitor</i> L.). <i>World Mycotoxin Journal</i> , 2017, 10, 163-169.	0.8	46
68	Higher plasticity in feeding preference of a generalist than a specialist: experiments with two closely related <i>Helicoverpa</i> species. <i>Scientific Reports</i> , 2017, 7, 17876.	1.6	20
69	Consideration of insects as a source of dietary protein for human consumption. <i>Nutrition Reviews</i> , 2017, 75, 1035-1045.	2.6	109
70	Nutritional value of the black soldier fly (<i>Hermetia illucens</i> L.) and its suitability as animal feed – a review. <i>Journal of Insects As Food and Feed</i> , 2017, 3, 105-120.	2.1	373
71	Contrasting effects of heat pulses on different trophic levels, an experiment with a herbivore-parasitoid model system. <i>PLoS ONE</i> , 2017, 12, e0176704.	1.1	28
72	Transcriptome dynamics of <i>Arabidopsis</i> during sequential biotic and abiotic stresses. <i>Plant Journal</i> , 2016, 86, 249-267.	2.8	200

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73	Visual and odour cues: plant responses to pollination and herbivory affect the behaviour of flower visitors. <i>Functional Ecology</i> , 2016, 30, 431-441.	1.7	61
74	Feeding behavior and performance of <i>Nasonovia ribisnigri</i> on grafts, detached leaves, and leaf disks of resistant and susceptible lettuce. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 159, 102-111.	0.7	5
75	Enhancing Attraction of African Malaria Vectors to a Synthetic Odor Blend. <i>Journal of Chemical Ecology</i> , 2016, 42, 508-516.	0.9	21
76	Effect of prior drought and pathogen stress on <i>Arabidopsis</i> transcriptome changes to caterpillar herbivory. <i>New Phytologist</i> , 2016, 210, 1344-1356.	3.5	53
77	Antibiosis resistance against larval cabbage root fly, <i>Delia radicum</i> , in wild Brassica-species. <i>Euphytica</i> , 2016, 211, 139-155.	0.6	18
78	Trans-generational desensitization and within-generational resensitization of a sucrose-best neuron in the polyphagous herbivore <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Scientific Reports</i> , 2016, 6, 39358.	1.6	6
79	Eave Screening and Push-Pull Tactics to Reduce House Entry by Vectors of Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 868-878.	0.6	27
80	Plant-mediated interactions between two herbivores differentially affect a subsequently arriving third herbivore in populations of wild cabbage. <i>Plant Biology</i> , 2016, 18, 981-991.	1.8	31
81	Jasmonic Acid and Ethylene Signaling Pathways Regulate Glucosinolate Levels in Plants During Rhizobacteria-Induced Systemic Resistance Against a Leaf-Chewing Herbivore. <i>Journal of Chemical Ecology</i> , 2016, 42, 1212-1225.	0.9	118
82	Photoreceptor spectral sensitivity of the compound eyes of black soldier fly (<i>Hermetia illucens</i>) informing the design of LED-based illumination to enhance indoor reproduction. <i>Journal of Insect Physiology</i> , 2016, 95, 133-139.	0.9	44
83	Insects to feed the world. <i>Journal of Insects As Food and Feed</i> , 2015, 1, 3-5.	2.1	121
84	Early herbivore alert matters: plant-mediated effects of egg deposition on higher trophic levels benefit plant fitness. <i>Ecology Letters</i> , 2015, 18, 927-936.	3.0	45
85	Nutrient utilisation by black soldier flies fed with chicken, pig, or cow manure. <i>Journal of Insects As Food and Feed</i> , 2015, 1, 131-139.	2.1	157
86	Plant-mediated effects of butterfly egg deposition on subsequent caterpillar and pupal development, across different species of wild Brassicaceae. <i>Ecological Entomology</i> , 2015, 40, 444-450.	1.1	36
87	Fitness consequences of indirect plant defence in the annual weed, <i>Scirpus inapis arvensis</i> . <i>Functional Ecology</i> , 2015, 29, 1019-1025.	1.7	45
88	Field Evaluation of a Push-Pull System to Reduce Malaria Transmission. <i>PLoS ONE</i> , 2015, 10, e0123415.	1.1	40
89	Insects Can Count: Sensory Basis of Host Discrimination in Parasitoid Wasps Revealed. <i>PLoS ONE</i> , 2015, 10, e0138045.	1.1	26
90	Role of Large Cabbage White butterfly male-derived compounds in elicitation of direct and indirect egg-killing defenses in the black mustard. <i>Frontiers in Plant Science</i> , 2015, 6, 794.	1.7	20

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91	Growth performance and feed conversion efficiency of three edible mealworm species (Coleoptera: Tenebrionidae) on different diets. <i>Journal of Insects and Their Uses</i> , 2015, 1, 1-14.	0.9	272
92	Mosquito Attraction: Crucial Role of Carbon Dioxide in Formulation of a Five-Component Blend of Human-Derived Volatiles. <i>Journal of Chemical Ecology</i> , 2015, 41, 567-573.	0.9	62
93	To be in time: egg deposition enhances plant-mediated detection of young caterpillars by parasitoids. <i>Oecologia</i> , 2015, 177, 477-486.	0.9	29
94	Rhizobacterial colonization of roots modulates plant volatile emission and enhances the attraction of a parasitoid wasp to host-infested plants. <i>Oecologia</i> , 2015, 178, 1169-1180.	0.9	83
95	Isoprene emission by poplar is not important for the feeding behaviour of poplar leaf beetles. <i>BMC Plant Biology</i> , 2015, 15, 165.	1.6	20
96	Taste detection of the non-volatile isothiocyanate moringin results in deterrence to glucosinolate-adapted insect larvae. <i>Phytochemistry</i> , 2015, 118, 139-148.	1.4	40
97	Density-Dependent Interference of Aphids with Caterpillar-Induced Defenses in Arabidopsis: Involvement of Phytohormones and Transcription Factors. <i>Plant and Cell Physiology</i> , 2015, 56, 98-106.	1.5	55
98	Variation in plant-mediated interactions between rhizobacteria and caterpillars: potential role of soil composition. <i>Plant Biology</i> , 2015, 17, 474-483.	1.8	55
99	Understanding the Long-Lasting Attraction of Malaria Mosquitoes to Odor Baits. <i>PLoS ONE</i> , 2015, 10, e0121533.	1.1	17
100	Feed Conversion, Survival and Development, and Composition of Four Insect Species on Diets Composed of Food By-Products. <i>PLoS ONE</i> , 2015, 10, e0144601.	1.1	532
101	Virulence Factors of Geminivirus Interact with MYC2 to Subvert Plant Resistance and Promote Vector Performance. <i>Plant Cell</i> , 2014, 26, 4991-5008.	3.1	224
102	Response of the zoophytophagous predators <i>Macrolophus pygmaeus</i> and <i>Nesidiocoris tenuis</i> to volatiles of uninfested plants and to plants infested by prey or conspecifics. <i>BioControl</i> , 2014, 59, 707-718.	0.9	55
103	Assessing the efficacy of candidate mosquito repellents against the background of an attractive source that mimics a human host. <i>Medical and Veterinary Entomology</i> , 2014, 28, 407-413.	0.7	68
104	Synergism in the effect of prior jasmonic acid application on herbivore-induced volatile emission by Lima bean plants: transcription of a monoterpene synthase gene and volatile emission. <i>Journal of Experimental Botany</i> , 2014, 65, 4821-4831.	2.4	29
105	A push-pull system to reduce house entry of malaria mosquitoes. <i>Malaria Journal</i> , 2014, 13, 119.	0.8	51
106	Rearing history affects behaviour and performance of two virulent <i>Aedes triseriatus</i> populations on two lettuce cultivars. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 151, 97-105.	0.7	4
107	Folivory Affects Composition of Nectar, Floral Odor and Modifies Pollinator Behavior. <i>Journal of Chemical Ecology</i> , 2014, 40, 39-49.	0.9	61
108	Effect of Sequential Induction by <i>Mamestra brassicae</i> L. and <i>Tetranychus urticae</i> Koch on Lima Bean Plant Indirect Defense. <i>Journal of Chemical Ecology</i> , 2014, 40, 977-985.	0.9	8

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109	Modulation of flavonoid metabolites in <i>Arabidopsis thaliana</i> through overexpression of the MYB75 transcription factor: role of kaempferol-3,7-dirhamnoside in resistance to the specialist insect herbivore <i>Pieris brassicae</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 2203-2217.	2.4	150
110	Reciprocal crosstalk between jasmonate and salicylate defence-signalling pathways modulates plant volatile emission and herbivore host-selection behaviour. <i>Journal of Experimental Botany</i> , 2014, 65, 3289-3298.	2.4	80
111	Chemical Ecology of Phytohormones: How Plants Integrate Responses to Complex and Dynamic Environments. <i>Journal of Chemical Ecology</i> , 2014, 40, 653-656.	0.9	15
112	Phytohormone Mediation of Interactions Between Herbivores and Plant Pathogens. <i>Journal of Chemical Ecology</i> , 2014, 40, 730-741.	0.9	99
113	Evaluation of textile substrates for dispensing synthetic attractants for malaria mosquitoes. <i>Parasites and Vectors</i> , 2014, 7, 376.	1.0	12
114	Caught between Parasitoids and Predators – Survival of a Specialist Herbivore on Leaves and Flowers of Mustard Plants. <i>Journal of Chemical Ecology</i> , 2014, 40, 621-631.	0.9	31
115	Plant Interactions with Multiple Insect Herbivores: From Community to Genes. <i>Annual Review of Plant Biology</i> , 2014, 65, 689-713.	8.6	361
116	Molasses as a source of carbon dioxide for attracting the malaria mosquitoes <i>Anopheles gambiae</i> and <i>Anopheles funestus</i> . <i>Malaria Journal</i> , 2014, 13, 160.	0.8	56
117	INHERITANCE OF ELECTROPHYSIOLOGICAL RESPONSES TO LEAF SAPS OF HOST AND NONHOST PLANTS IN TWO <i>Helicoverpa</i> SPECIES AND THEIR HYBRIDS. <i>Archives of Insect Biochemistry and Physiology</i> , 2014, 86, 19-32.	0.6	8
118	Jasmonate and ethylene signaling mediate whitefly-induced interference with indirect plant defense in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2013, 197, 1291-1299.	3.5	109
119	Non-pathogenic rhizobacteria interfere with the attraction of parasitoids to aphid-induced plant volatiles via jasmonic acid signalling. <i>Plant, Cell and Environment</i> , 2013, 36, 393-404.	2.8	110
120	Effects of blood-feeding on olfactory sensitivity of the malaria mosquito <i>Anopheles gambiae</i> : Application of mixed linear models to account for repeated measurements. <i>Journal of Insect Physiology</i> , 2013, 59, 1111-1118.	0.9	19
121	Reproductive escape: annual plant responds to butterfly eggs by accelerating seed production. <i>Functional Ecology</i> , 2013, 27, 245-254.	1.7	60
122	Relation between HLA genes, human skin volatiles and attractiveness of humans to malaria mosquitoes. <i>Infection, Genetics and Evolution</i> , 2013, 18, 87-93.	1.0	41
123	Variation in herbivore-induced plant volatiles corresponds with spatial heterogeneity in the level of parasitoid competition and parasitoid exposure to hyperparasitism. <i>Functional Ecology</i> , 2013, 27, 1107-1116.	1.7	32
124	Resistance to a new biotype of the lettuce aphid <i>Nasonovia ribisnigri</i> in <i>Lactuca virosa</i> accession IVT280. <i>Euphytica</i> , 2013, 193, 265-275.	0.6	2
125	Performance and feeding behaviour of two biotypes of the black currant-lettuce aphid, <i>Nasonovia ribisnigri</i> , on resistant and susceptible <i>Lactuca sativa</i> near-isogenic lines. <i>Bulletin of Entomological Research</i> , 2013, 103, 511-521.	0.5	33
126	Genetic engineering of plant volatile terpenoids: effects on a herbivore, a predator and a parasitoid. <i>Pest Management Science</i> , 2013, 69, 302-311.	1.7	43

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127	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
128	Two-way plant mediated interactions between root-associated microbes and insects: from ecology to mechanisms. <i>Frontiers in Plant Science</i> , 2013, 4, 414.	1.7	110
129	Feeding behaviour and performance of different populations of the black currant lettuce aphid, <i>Neosappia ribisnigri</i> , on resistant and susceptible lettuce. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 148, 130-141.	0.7	21
130	Hyperparasitoids Use Herbivore-Induced Plant Volatiles to Locate Their Parasitoid Host. <i>PLoS Biology</i> , 2012, 10, e1001435.	2.6	168
131	Identification of candidate volatiles that affect the behavioural response of the malaria mosquito <i>Anopheles gambiae sensu stricto</i> to an active kairomone blend: laboratory and semi-field assays. <i>Physiological Entomology</i> , 2012, 37, 60-71.	0.6	27
132	Metabolic and Transcriptomic Changes Induced in Arabidopsis by the Rhizobacterium <i>Pseudomonas fluorescens</i> SS101. <i>Plant Physiology</i> , 2012, 160, 2173-2188.	2.3	254
133	Evaluation of low density polyethylene and nylon for delivery of synthetic mosquito attractants. <i>Parasites and Vectors</i> , 2012, 5, 202.	1.0	24
134	Plant Volatiles Induced by Herbivore Egg Deposition Affect Insects of Different Trophic Levels. <i>PLoS ONE</i> , 2012, 7, e43607.	1.1	152
135	A Novel Synthetic Odorant Blend for Trapping of Malaria and Other African Mosquito Species. <i>Journal of Chemical Ecology</i> , 2012, 38, 235-244.	0.9	109
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