

Marcel Dicke

List of Publications by Year in Descending Order

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

498
papers

31,759
citations

96
h-index

157
g-index

523
ext. papers

35,929
ext. citations

4.9
avg, IF

7.5
L-index

#	Paper	IF	Citations
498	Herbivore-induced plant volatiles, not natural enemies, mediate a positive indirect interaction between insect herbivores.. <i>Oecologia</i> , 2022 , 198, 443	2.9	0
497	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	4.1	1
496	Leaf-chewing herbivores affect preference and performance of a specialist root herbivore.. <i>Oecologia</i> , 2022 , 1	2.9	0
495	Insect frass and exuviae to promote plant growth and health.. <i>Trends in Plant Science</i> , 2022 ,	13.1	7
494	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 , e0008422	4.8	1
493	Insecticide-contaminated honeydew: risks for beneficial insects. <i>Biological Reviews</i> , 2021 ,	13.5	5
492	Parasitism by endoparasitoid wasps alters the internal but not the external microbiome in host caterpillars. <i>Animal Microbiome</i> , 2021 , 3, 73	4.1	2
491	Factors influencing the occurrence of fall armyworm parasitoids in Zambia. <i>Journal of Pest Science</i> , 2021 , 94, 1133-1146	5.5	7
490	Leading issues in implementation of farmer field schools: a global survey. <i>Journal of Agricultural Education and Extension</i> , 2021 , 27, 341-353	1.3	4
489	Relative contributions of egg-associated and substrate-associated microorganisms to black soldier fly larval performance and microbiota. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	6
488	Evolution of Induced Indirect Defense of Plants 2021 , 62-88		8
487	Towards circular agriculture Exploring insect waste streams as a crop and soil health promoter. <i>Journal of Insects As Food and Feed</i> , 2021 , 7, 357-368	4.4	3
486	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	3.6	4
485	SLI1 confers broad-spectrum resistance to phloem-feeding insects. <i>Plant, Cell and Environment</i> , 2021 , 44, 2765-2776	8.4	3
484	Black Soldier Fly-Composted Organic Fertilizer Enhances Growth, Yield, and Nutrient Quality of Three Key Vegetable Crops in Sub-Saharan Africa. <i>Frontiers in Plant Science</i> , 2021 , 12, 680312	6.2	10
483	Volatiles from the fungus <i>Fusarium oxysporum</i> affect interactions of <i>Brassica rapa</i> plants with root herbivores. <i>Ecological Entomology</i> , 2021 , 46, 240-248	2.1	1
482	Volatiles from soil-borne fungi affect directional growth of roots. <i>Plant, Cell and Environment</i> , 2021 , 44, 339-345	8.4	9

481	Use of black soldier fly and house fly in feed to promote sustainable poultry production. <i>Journal of Insects As Food and Feed</i> , 2021 , 7, 761-780	4.4	24
480	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	1.7	2
479	LEDs Make It Resilient: Effects on Plant Growth and Defense. <i>Trends in Plant Science</i> , 2021 , 26, 496-508	13.1	15
478	Bidirectional plant-mediated interactions between rhizobacteria and shoot-feeding herbivorous insects: a community ecology perspective. <i>Ecological Entomology</i> , 2021 , 46, 1-10	2.1	11
477	Nutritional plasticity of the black soldier fly (<i>Hermetia illucens</i>) in response to artificial diets varying in protein and carbohydrate concentrations. <i>Journal of Insects As Food and Feed</i> , 2021 , 7, 51-61	4.4	9
476	Multiple Attack to Inflorescences of an Annual Plant Does Not Interfere with the Attraction of Parasitoids and Pollinators. <i>Journal of Chemical Ecology</i> , 2021 , 47, 175-191	2.7	2
475	Parasitic wasps avoid ant-protected hemipteran hosts via the detection of ant cuticular hydrocarbons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20201684	4.4	2
474	Insect species richness affects plant responses to multi-herbivore attack. <i>New Phytologist</i> , 2021 , 231, 2333-2345	9.8	6
473	Plant-phenotypic changes induced by parasitoid ichnoviruses enhance the performance of both unparasitized and parasitized caterpillars. <i>Molecular Ecology</i> , 2021 , 30, 4567-4583	5.7	3
472	The enemy of my enemy is not always my friend: Negative effects of carnivorous arthropods on plants. <i>Functional Ecology</i> , 2021 , 35, 2365	5.6	3
471	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	9.8	3
470	Neonicotinoids from coated seeds toxic for honeydew-feeding biological control agents. <i>Environmental Pollution</i> , 2021 , 289, 117813	9.3	3
469	Insects for peace. <i>Current Opinion in Insect Science</i> , 2020 , 40, 85-93	5.1	4
468	Nutritional composition of black soldier fly larvae feeding on agro-industrial by-products. <i>Entomologia Experimentalis Et Applicata</i> , 2020 , 168, 472-481	2.1	27
467	Spatial scale, neighbouring plants and variation in plant volatiles interactively determine the strength of host-parasitoid relationships. <i>Oikos</i> , 2020 , 129, 1429-1439	4	3
466	Impacts of farmer field schools in the human, social, natural and financial domain: a qualitative review. <i>Food Security</i> , 2020 , 12, 1443-1459	6.7	13
465	Is the farmer field school still relevant? Case studies from Malawi and Indonesia. <i>Njas - Wageningen Journal of Life Sciences</i> , 2020 , 92, 1-13	7	12
464	Smallholder farmers' knowledge and willingness to pay for insect-based feeds in Kenya. <i>PLoS ONE</i> , 2020 , 15, e0230552	3.7	17

463	No evidence of modulation of indirect plant resistance of <i>Brassica rapa</i> plants by volatiles from soil-borne fungi. <i>Ecological Entomology</i> , 2020 , 45, 1200-1211	2.1	2
462	Insights in the Global Genetics and Gut Microbiome of Black Soldier Fly, : Implications for Animal Feed Safety Control. <i>Frontiers in Microbiology</i> , 2020 , 11, 1538	5.7	21
461	Plant responses to butterfly oviposition partly explain preference-performance relationships on different brassicaceous species. <i>Oecologia</i> , 2020 , 192, 463-475	2.9	15
460	Variation in parasitoid attraction to herbivore-infested plants and alternative host plant cover mediate tritrophic interactions at the landscape scale. <i>Landscape Ecology</i> , 2020 , 35, 907-919	4.3	4
459	Herbivore-Induced Plant Volatiles as a Source of Information in Plant-Insect Networks 2020 , 327-346		2
458	International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , 2020 , 4, 174-176	12.3	98
457	Maternal effect determines drought resistance of eggs in the predatory mite <i>Phytoseiulus persimilis</i> . <i>Oecologia</i> , 2020 , 192, 29-41	2.9	4
456	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	8.4	12
455	IPM-recommended insecticides harm beneficial insects through contaminated honeydew. <i>Environmental Pollution</i> , 2020 , 267, 115581	9.3	6
454	Fungal volatiles influence plant defence against above-ground and below-ground herbivory. <i>Functional Ecology</i> , 2020 , 34, 2259-2269	5.6	3
453	Exploiting the chemical ecology of mosquito oviposition behavior in mosquito surveillance and control: a review. <i>Journal of Vector Ecology</i> , 2020 , 45, 155-179	1.5	5
452	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	4.4	16
451	Next-generation biological control: the need for integrating genetics and genomics. <i>Biological Reviews</i> , 2020 , 95, 1838-1854	13.5	27
450	Use of semiochemicals for surveillance and control of hematophagous insects. <i>Chemoecology</i> , 2020 , 30, 277-286	2	9
449	A bittersweet meal: The impact of sugar solutions and honeydew on the fitness of two predatory gall midges. <i>Biological Control</i> , 2020 , 140, 104098	3.8	5
448	Microbial Symbionts of Parasitoids. <i>Annual Review of Entomology</i> , 2020 , 65, 171-190	21.8	20
447	Use of visual and olfactory cues of flowers of two brassicaceous species by insect pollinators. <i>Ecological Entomology</i> , 2020 , 45, 45-55	2.1	12
446	Transcriptional and metabolite analysis reveal a shift in direct and indirect defences in response to spider-mite infestation in cucumber (<i>Cucumis sativus</i>). <i>Plant Molecular Biology</i> , 2020 , 103, 489-505	4.6	9

445	Leaf metabolic signatures induced by real and simulated herbivory in black mustard (<i>Brassica nigra</i>). <i>Metabolomics</i> , 2019 , 15, 130	4.7	13
444	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,	3.1	22
443	Ecological significance of light quality in optimizing plant defence. <i>Plant, Cell and Environment</i> , 2019 , 42, 1065-1077	8.4	6
442	Volatiles of pathogenic and non-pathogenic soil-borne fungi affect plant development and resistance to insects. <i>Oecologia</i> , 2019 , 190, 589-604	2.9	29
441	Cross-seasonal legacy effects of arthropod community on plant fitness in perennial plants. <i>Journal of Ecology</i> , 2019 , 107, 2451-2463	6	6
440	Ecology of Plastic Flowers. <i>Trends in Plant Science</i> , 2019 , 24, 725-740	13.1	23
439	Defense of pyrethrum flowers: repelling herbivores and recruiting carnivores by producing aphid alarm pheromone. <i>New Phytologist</i> , 2019 , 223, 1607-1620	9.8	14
438	Airborne host-plant manipulation by whiteflies via an inducible blend of plant volatiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7387-7396	11.5	49
437	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	1.9	30
436	Hyperparasitoids exploit herbivore-induced plant volatiles during host location to assess host quality and non-host identity. <i>Oecologia</i> , 2019 , 189, 699-709	2.9	12
435	The effect of rearing history and aphid density on volatile-mediated foraging behaviour of <i>Diaeretiella rapae</i> . <i>Ecological Entomology</i> , 2019 , 44, 255-264	2.1	3
434	Intraspecific variation in herbivore-induced plant volatiles influences the spatial range of plant-parasitoid interactions. <i>Oikos</i> , 2019 , 128, 77-86	4	17
433	Neonicotinoids in excretion product of phloem-feeding insects kill beneficial insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16817-16822	11.5	59
432	What makes a volatile organic compound a reliable indicator of insect herbivory?. <i>Plant, Cell and Environment</i> , 2019 , 42, 3308-3325	8.4	13
431	Insects for sustainable animal feed: inclusive business models involving smallholder farmers. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 41, 23-30	7.2	47
430	An Integrated System for the Automated Recording and Analysis of Insect Behavior in T-maze Arrays. <i>Frontiers in Plant Science</i> , 2019 , 10, 20	6.2	2
429	The plastidial metabolite 2-C-methyl-D-erythritol-2,4-cyclodiphosphate modulates defence responses against aphids. <i>Plant, Cell and Environment</i> , 2019 , 42, 2309-2323	8.4	10
428	Context-Dependence and the Development of Push-Pull Approaches for Integrated Management of. <i>Insects</i> , 2019 , 10,	2.8	10

427	Proximate mechanisms of drought resistance in <i>Phytoseiulus persimilis</i> eggs. <i>Experimental and Applied Acarology</i> , 2019 , 79, 279-298	2.1	15
426	Phenotypic variation in egg survival in the predatory mite <i>Phytoseiulus persimilis</i> under dry conditions. <i>Biological Control</i> , 2019 , 130, 88-94	3.8	8
425	Involvement of sweet pepper CaLOX2 in jasmonate-dependent induced defence against Western flower thrips. <i>Journal of Integrative Plant Biology</i> , 2019 , 61, 1085-1098	8.3	17
424	Ecological interactions shape the adaptive value of plant defence: Herbivore attack versus competition for light. <i>Functional Ecology</i> , 2019 , 33, 129-138	5.6	15
423	Genome-wide association mapping of the architecture of susceptibility to the root-knot nematode <i>Meloidogyne incognita</i> in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2018 , 218, 724-737	9.8	16
422	Parasitic wasp-associated symbiont affects plant-mediated species interactions between herbivores. <i>Ecology Letters</i> , 2018 , 21, 957-967	10	25
421	Female response to predation risk alters conspecific male behaviour during pre-copulatory mate guarding. <i>Ethology</i> , 2018 , 124, 122-130	1.7	1
420	Effect of the eucalypt lerp psyllid <i>Glycaspis brimblecombei</i> on adult feeding, oviposition-site selection, and offspring performance of the bronze bug, <i>Thaumastocoris peregrinus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2018 , 166, 395-401	2.1	4
419	Caterpillars induce jasmonates in flowers and alter plant responses to a second attacker. <i>New Phytologist</i> , 2018 , 217, 1279-1291	9.8	18
418	Oviposition preference of three lepidopteran species is not affected by previous aphid infestation in wild cabbage. <i>Entomologia Experimentalis Et Applicata</i> , 2018 , 166, 402-411	2.1	1
417	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	11.5	36
416	Thrips advisor: exploiting thrips-induced defences to combat pests on crops. <i>Journal of Experimental Botany</i> , 2018 , 69, 1837-1848	7	34
415	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and eco-evolutionary implications. <i>New Phytologist</i> , 2018 , 220, 739-749	9.8	50
414	Insects as sources of iron and zinc in human nutrition. <i>Nutrition Research Reviews</i> , 2018 , 31, 248-255	7	42
413	Promises and challenges in insect-plant interactions. <i>Entomologia Experimentalis Et Applicata</i> , 2018 , 166, 319-343	2.1	42
412	Order of herbivore arrival on wild cabbage populations influences subsequent arthropod community development. <i>Oikos</i> , 2018 , 127, 1482-1493	4	17
411	Effects of waste stream combinations from brewing industry on performance of Black Soldier Fly, (Diptera: Stratiomyidae). <i>PeerJ</i> , 2018 , 6, e5885	3.1	37
410	Insects as feed and the Sustainable Development Goals. <i>Journal of Insects As Food and Feed</i> , 2018 , 4, 147-156	4.4	30

409	Do apes smell like humans? The role of skin bacteria and volatiles of primates in mosquito host selection. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	15
408	Threshold temperatures and thermal requirements of black soldier fly <i>Hermetia illucens</i> : Implications for mass production. <i>PLoS ONE</i> , 2018 , 13, e0206097	3.7	53
407	Genome-wide identification, classification and expression of lipoxygenase gene family in pepper. <i>Plant Molecular Biology</i> , 2018 , 98, 375-387	4.6	16
406	Influence of larval density and dietary nutrient concentration on performance, body protein, and fat contents of black soldier fly larvae (). <i>Entomologia Experimentalis Et Applicata</i> , 2018 , 166, 761-770	2.1	76
405	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	2.2	21
404	Rearing and releasing the egg parasitoid <i>Cleruchoides noackae</i> , a biological control agent for the Eucalyptus bronze bug. <i>Biological Control</i> , 2018 , 123, 97-104	3.8	10
403	Plant-Mediated Interactions among Insects within a Community Ecological Perspective 2018 , 309-337		6
402	Dual herbivore attack and herbivore density affect metabolic profiles of <i>Brassica nigra</i> leaves. <i>Plant, Cell and Environment</i> , 2017 , 40, 1356-1367	8.4	18
401	Herbivore-induced plant volatiles and tritrophic interactions across spatial scales. <i>New Phytologist</i> , 2017 , 216, 1054-1063	9.8	87
400	Plant-mediated species networks: the modulating role of herbivore density. <i>Ecological Entomology</i> , 2017 , 42, 449-457	2.1	17
399	Does Aphid Infestation Interfere with Indirect Plant Defense against Lepidopteran Caterpillars in Wild Cabbage?. <i>Journal of Chemical Ecology</i> , 2017 , 43, 493-505	2.7	8
398	Does drought stress modify the effects of plant-growth promoting rhizobacteria on an aboveground chewing herbivore?. <i>Insect Science</i> , 2017 , 24, 1034-1044	3.6	5
397	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,	4.3	15
396	Oviposition preference but not adult feeding preference matches with offspring performance in the bronze bug <i>Thaumastocoris peregrinus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2017 , 163, 101-111 ^{2.1}	2.1	11
395	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	5.7	14
394	Combined biotic stresses trigger similar transcriptomic responses but contrasting resistance against a chewing herbivore in <i>Brassica nigra</i> . <i>BMC Plant Biology</i> , 2017 , 17, 127	5.3	42
393	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	2.7	8
392	SIEVE ELEMENT-LINING CHAPERONE1 Restricts Aphid Feeding on <i>Arabidopsis</i> during Heat Stress. <i>Plant Cell</i> , 2017 , 29, 2450-2464	11.6	23

391	Terpenoid biosynthesis in Arabidopsis attacked by caterpillars and aphids: effects of aphid density on the attraction of a caterpillar parasitoid. <i>Oecologia</i> , 2017 , 185, 699-712	2.9	7
390	Response of Brassica oleracea to temporal variation in attack by two herbivores affects preference and performance of a third herbivore. <i>Ecological Entomology</i> , 2017 , 42, 803-815	2.1	9
389	When does it pay off to prime for defense? A modeling analysis. <i>New Phytologist</i> , 2017 , 216, 782-797	9.8	27
388	Biodiversity analyses for risk assessment of genetically modified potato. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 249, 196-205	5.7	8
387	Development of a model forecasting Dermanyssus gallinae's population dynamics for advancing Integrated Pest Management in laying hen facilities. <i>Veterinary Parasitology</i> , 2017 , 245, 128-140	2.8	15
386	Inoculation of susceptible and resistant potato plants with the late blight pathogen Phytophthora infestans: effects on an aphid and its parasitoid. <i>Entomologia Experimentalis Et Applicata</i> , 2017 , 163, 305-314	2.1	4
385	Plant response to butterfly eggs: inducibility, severity and success of egg-killing leaf necrosis depends on plant genotype and egg clustering. <i>Scientific Reports</i> , 2017 , 7, 7316	4.9	20
384	Symbionts protect aphids from parasitic wasps by attenuating herbivore-induced plant volatiles. <i>Nature Communications</i> , 2017 , 8, 1860	17.4	58
383	The effect of co-infestation by conspecific and heterospecific aphids on the feeding behaviour of Nasonovia ribisnigri on resistant and susceptible lettuce cultivars. <i>Arthropod-Plant Interactions</i> , 2017 , 11, 785-796	2.2	3
382	Brevicoryne brassicae aphids interfere with transcriptome responses of Arabidopsis thaliana to feeding by Plutella xylostella caterpillars in a density-dependent manner. <i>Oecologia</i> , 2017 , 183, 107-120	2.9	13
381	Genome-wide association analysis reveals distinct genetic architectures for single and combined stress responses in Arabidopsis thaliana. <i>New Phytologist</i> , 2017 , 213, 838-851	9.8	44
380	Endure and call for help: strategies of black mustard plants to deal with a specialized caterpillar. <i>Functional Ecology</i> , 2017 , 31, 325-333	5.6	6
379	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. <i>New Phytologist</i> , 2017 , 213, 1346-1362	9.8	99
378	Nutritional value of the black soldier fly (Hermetia illucens L.) and its suitability as animal feed [a review]. <i>Journal of Insects As Food and Feed</i> , 2017 , 3, 105-120	4.4	227
377	Interactive Effects of Cabbage Aphid and Caterpillar Herbivory on Transcription of Plant Genes Associated with Phytohormonal Signalling in Wild Cabbage. <i>Journal of Chemical Ecology</i> , 2016 , 42, 793-803	2.7	12
376	Structured design of an automated monitoring tool for pest species. <i>Biosystems Engineering</i> , 2016 , 151, 126-140	4.8	7
375	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	2.7	73
374	Automated video tracking of thrips behavior to assess host-plant resistance in multiple parallel two-choice setups. <i>Plant Methods</i> , 2016 , 12, 1	5.8	27

373	Plant phenotypic plasticity in the phytobiome: a volatile issue. <i>Current Opinion in Plant Biology</i> , 2016 , 32, 17-23	9.9	43
372	Community structure and abundance of insects in response to early-season aphid infestation in wild cabbage populations. <i>Ecological Entomology</i> , 2016 , 41, 378-388	2.1	13
371	Volatile-mediated foraging behaviour of three parasitoid species under conditions of dual insect herbivore attack. <i>Animal Behaviour</i> , 2016 , 111, 197-206	2.8	44
370	Flexible parasitoid behaviour overcomes constraint resulting from position of host and nonhost herbivores. <i>Animal Behaviour</i> , 2016 , 113, 125-135	2.8	12
369	Are naïve birds attracted to herbivore-induced plant defences?. <i>Behaviour</i> , 2016 , 153, 353-366	1.4	14
368	Differential Costs of Two Distinct Resistance Mechanisms Induced by Different Herbivore Species in Arabidopsis. <i>Plant Physiology</i> , 2016 , 170, 891-906	6.6	19
367	Defensive insect symbiont leads to cascading extinctions and community collapse. <i>Ecology Letters</i> , 2016 , 19, 789-99	10	41
366	Transcriptome dynamics of Arabidopsis during sequential biotic and abiotic stresses. <i>Plant Journal</i> , 2016 , 86, 249-67	6.9	112
365	Visual and odour cues: plant responses to pollination and herbivory affect the behaviour of flower visitors. <i>Functional Ecology</i> , 2016 , 30, 431-441	5.6	46
364	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	2.1	4
363	Density-mediated indirect interactions alter host foraging behaviour of parasitoids without altering foraging efficiency. <i>Ecological Entomology</i> , 2016 , 41, 562-571	2.1	5
362	Compatible and incompatible pathogen-plant interactions differentially affect plant volatile emissions and the attraction of parasitoid wasps. <i>Functional Ecology</i> , 2016 , 30, 1779-1789	5.6	21
361	Feeding guild of non-host community members affects host-foraging efficiency of a parasitic wasp. <i>Ecology</i> , 2016 , 97, 1388-99	4.6	17
360	Effect of prior drought and pathogen stress on Arabidopsis transcriptome changes to caterpillar herbivory. <i>New Phytologist</i> , 2016 , 210, 1344-56	9.8	38
359	Negative impact of drought stress on a generalist leaf chewer and a phloem feeder is associated with, but not explained by an increase in herbivore-induced indole glucosinolates. <i>Environmental and Experimental Botany</i> , 2016 , 123, 88-97	5.9	23
358	Induced plant volatiles: plant body odours structuring ecological networks. <i>New Phytologist</i> , 2016 , 210, 10-2	9.8	10
357	AtWRKY22 promotes susceptibility to aphids and modulates salicylic acid and jasmonic acid signalling. <i>Journal of Experimental Botany</i> , 2016 , 67, 3383-96	7	62
356	Trading direct for indirect defense? Phytochrome B inactivation in tomato attenuates direct anti-herbivore defenses whilst enhancing volatile-mediated attraction of predators. <i>New Phytologist</i> , 2016 , 212, 1057-1071	9.8	35

355	Herbivore species identity rather than diversity of the non-host community determines foraging behaviour of the parasitoid wasp <i>Cotesia glomerata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016 , 161, 20-30	2.1	7
354	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	3.7	23
353	Quantitative resistance against <i>Bemisia tabaci</i> in <i>Solanum pennellii</i> : Genetics and metabolomics. <i>Journal of Integrative Plant Biology</i> , 2016 , 58, 397-412	8.3	13
352	Direct and indirect genetic effects in life-history traits of flour beetles (<i>Tribolium castaneum</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2016 , 70, 207-17	3.8	9
351	High-throughput phenotyping of plant resistance to aphids by automated video tracking. <i>Plant Methods</i> , 2015 , 11, 4	5.8	23
350	To be in time: egg deposition enhances plant-mediated detection of young caterpillars by parasitoids. <i>Oecologia</i> , 2015 , 177, 477-86	2.9	24
349	Varied responses by yeast-like symbionts during virulence adaptation in a monophagous phloem-feeding insect. <i>Arthropod-Plant Interactions</i> , 2015 , 9, 215-224	2.2	24
348	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, 1169-80	2.9	60
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