

# Rieta Gols

## 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.

126  
papers

4,784  
citations

39  
h-index

65  
g-index

133  
ext. papers

5,601  
ext. citations

4.3  
avg, IF

5.68  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 126 | 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  | 0         |
| 125 | Within-patch and edge microclimates vary over a growing season and are amplified during a heatwave: Consequences for ectothermic insects. <i>Journal of Thermal Biology</i> , <b>2021</b> , 99, 103006                | 2.9  | 1         |
| 124 | Insect egg-killing: a new front on the evolutionary arms-race between brassicaceous plants and pierid butterflies. <i>New Phytologist</i> , <b>2021</b> , 230, 341-353  | 9.8  | 12        |
| 123 | Development and oviposition strategies in two congeneric gregarious larval-pupal endoparasitoids of the seven-spot ladybird, <i>Coccinella septempunctata</i> . <i>Biological Control</i> , <b>2021</b> , 163, 104756 | 3.8  | 3         |
| 122 | Reprotoxic effects of the systemic insecticide fipronil on the butterfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20192665  | 4.4  | 4         |
| 121 | The ecological role of bacterial seed endophytes associated with wild cabbage in the United Kingdom. <i>MicrobiologyOpen</i> , <b>2020</b> , 9, e00954  | 3.4  | 8         |
| 120 | International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 174-176   | 12.3 | 98        |
| 119 | Climate change-mediated temperature extremes and insects: From outbreaks to breakdowns. <i>Global Change Biology</i> , <b>2020</b> , 26, 6685-6701  | 11.4 | 39        |
| 118 | Detoxification of plant defensive glucosinolates by an herbivorous caterpillar is beneficial to its endoparasitic wasp. <i>Molecular Ecology</i> , <b>2020</b> , 29, 4014-4031  | 5.7  | 11        |
| 117 | Population- and Species-Based Variation of Webworm-Parasitoid Interactions in Hogweeds ( <i>Heracelum</i> spp.) in the Netherlands. <i>Environmental Entomology</i> , <b>2020</b> , 49, 924-930                       | 2.1  | 1         |
| 116 | Varying degree of physiological integration among host instars and their endoparasitoid affects stress-induced mortality. <i>Entomologia Experimentalis Et Applicata</i> , <b>2019</b> , 167, 424-432                 | 2.1  | 5         |
| 115 | The effect of rearing history and aphid density on volatile-mediated foraging behaviour of <i>Diaeretiella rapae</i> . <i>Ecological Entomology</i> , <b>2019</b> , 44, 255-264                                       | 2.1  | 3         |
| 114 | Simulated heatwave conditions associated with global warming affect development and competition between hyperparasitoids. <i>Oikos</i> , <b>2019</b> , 128, 1783-1792   | 4    | 3         |
| 113 | Rain downpours affect survival and development of insect herbivores: the specter of climate change?. <i>Ecology</i> , <b>2019</b> , 100, e02819   | 4.6  | 15        |
| 112 | Reproduction and Offspring Sex Ratios Differ Markedly among Closely Related Hyperparasitoids Living in the Same Microhabitats. <i>Journal of Insect Behavior</i> , <b>2019</b> , 32, 243-251                          | 1.1  | 3         |
| 111 | Invasive moth facilitates use of a native food plant by other native and invasive arthropods. <i>Ecological Research</i> , <b>2019</b> , 34, 659-666  | 1.9  | 1         |
| 110 | Differential effects of climate warming on reproduction and functional responses on insects in the fourth trophic level. <i>Functional Ecology</i> , <b>2019</b> , 33, 693-702  | 5.6  | 15        |

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|-----|---|------|----|
| 109 | Responses of insect herbivores and their food plants to wind exposure and the importance of predation risk. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 1046-1057  | 4.7  | 6  |
| 108 | Oviposition preference of three lepidopteran species is not affected by previous aphid infestation in wild cabbage. <i>Entomologia Experimentalis Et Applicata</i> , <b>2018</b> , 166, 402-411                             | 2.1  | 1  |
| 107 | Effects of plant-mediated differences in host quality on the development of two related endoparasitoids with different host-utilization strategies. <i>Journal of Insect Physiology</i> , <b>2018</b> , 107, 110-115        | 3.4  | 6  |
| 106 | Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and eco-evolutionary implications. <i>New Phytologist</i> , <b>2018</b> , 220, 739-749                                  | 9.8  | 50 |
| 105 | With or without you: Effects of the concurrent range expansion of an herbivore and its natural enemy on native species interactions. <i>Global Change Biology</i> , <b>2018</b> , 24, 631-643                               | 11.4 | 16 |
| 104 | Seasonal and herbivore-induced dynamics of foliar glucosinolates in wild cabbage (). <i>Chemoecology</i> , <b>2018</b> , 28, 77-89  | 2    | 15 |
| 103 | Ant-like Traits in Wingless Parasitoids Repel Attack from Wolf Spiders. <i>Journal of Chemical Ecology</i> , <b>2018</b> , 44, 894-904  | 2.7  | 4  |
| 102 | Plant domestication decreases both constitutive and induced chemical defences by direct selection against defensive traits. <i>Scientific Reports</i> , <b>2018</b> , 8, 12678  | 4.9  | 33 |
| 101 | Honey and honey-based sugars partially affect reproductive trade-offs in parasitoids exhibiting different life-history and reproductive strategies. <i>Journal of Insect Physiology</i> , <b>2017</b> , 98, 134-140         | 2.4  | 9  |
| 100 | Dual herbivore attack and herbivore density affect metabolic profiles of Brassica nigra leaves. <i>Plant, Cell and Environment</i> , <b>2017</b> , 40, 1356-1367  | 8.4  | 18 |
| 99  | Does Aphid Infestation Interfere with Indirect Plant Defense against Lepidopteran Caterpillars in Wild Cabbage?. <i>Journal of Chemical Ecology</i> , <b>2017</b> , 43, 493-505   | 2.7  | 8  |
| 98  | Oviposition Preference for Young Plants by the Large Cabbage Butterfly ( <i>Pieris brassicae</i> ) Does not Strongly Correlate with Caterpillar Performance. <i>Journal of Chemical Ecology</i> , <b>2017</b> , 43, 617-629 | 2.7  | 7  |
| 97  | Intraspecific chemical diversity among neighbouring plants correlates positively with plant size and herbivore load but negatively with herbivore damage. <i>Ecology Letters</i> , <b>2017</b> , 20, 87-97                  | 10   | 34 |
| 96  | Combined biotic stresses trigger similar transcriptomic responses but contrasting resistance against a chewing herbivore in Brassica nigra. <i>BMC Plant Biology</i> , <b>2017</b> , 17, 127                                | 5.3  | 42 |
| 95  | Symbionts protect aphids from parasitic wasps by attenuating herbivore-induced plant volatiles. <i>Nature Communications</i> , <b>2017</b> , 8, 1860  | 17.4 | 58 |
| 94  | 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> , <b>2016</b> , 42, 793-803     | 2.7  | 12 |
| 93  | Effects of population-related variation in plant primary and secondary metabolites on aboveground and belowground multitrophic interactions. <i>Chemoecology</i> , <b>2016</b> , 26, 219-233                                | 2    | 13 |
| 92  | Short-term seasonal habitat facilitation mediated by an insect herbivore. <i>Basic and Applied Ecology</i> , <b>2016</b> , 17, 447-454  | 3.2  | 7  |

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|----|---|------|-----|
| 91 | Black and Garlic Mustard Plants Are Highly Suitable for the Development of Two Native Pierid Butterflies. <i>Environmental Entomology</i> , <b>2016</b> , 45, 671-676                                       | 2.1  | 3   |
| 90 | Community structure and abundance of insects in response to early-season aphid infestation in wild cabbage populations. <i>Ecological Entomology</i> , <b>2016</b> , 41, 378-388                            | 2.1  | 13  |
| 89 | Volatile-mediated foraging behaviour of three parasitoid species under conditions of dual insect herbivore attack. <i>Animal Behaviour</i> , <b>2016</b> , 111, 197-206                                     | 2.8  | 44  |
| 88 | Plant Quantity Affects Development and Survival of a Gregarious Insect Herbivore and Its Endoparasitoid Wasp. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149539  | 3.7  | 9   |
| 87 | Integrating Insect Life History and Food Plant Phenology: Flexible Maternal Choice Is Adaptive. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,                                      | 6.3  | 6   |
| 86 | Defensive insect symbiont leads to cascading extinctions and community collapse. <i>Ecology Letters</i> , <b>2016</b> , 19, 789-99  | 10   | 41  |
| 85 | Differential induction of plant chemical defenses by parasitized and unparasitized herbivores: consequences for reciprocal, multitrophic interactions. <i>Oikos</i> , <b>2016</b> , 125, 1398-1407          | 4    | 29  |
| 84 | Compatible and incompatible pathogen-plant interactions differentially affect plant volatile emissions and the attraction of parasitoid wasps. <i>Functional Ecology</i> , <b>2016</b> , 30, 1779-1789      | 5.6  | 21  |
| 83 | Development of a solitary koinobiont hyperparasitoid in different instars of its primary and secondary hosts. <i>Journal of Insect Physiology</i> , <b>2016</b> , 90, 36-42                                 | 2.4  | 3   |
| 82 | Direct and indirect genetic effects in life-history traits of flour beetles ( <i>Tribolium castaneum</i> ). <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 207-17         | 3.8  | 9   |
| 81 | Host preference and offspring performance are linked in three congeneric hyperparasitoid species. <i>Ecological Entomology</i> , <b>2015</b> , 40, 114-122  | 2.1  | 11  |
| 80 | To be in time: egg deposition enhances plant-mediated detection of young caterpillars by parasitoids. <i>Oecologia</i> , <b>2015</b> , 177, 477-86  | 2.9  | 24  |
| 79 | Habitat complexity reduces parasitoid foraging efficiency, but does not prevent orientation towards learned host plant odours. <i>Oecologia</i> , <b>2015</b> , 179, 353-61                                 | 2.9  | 26  |
| 78 | Interactions Between a Belowground Herbivore and Primary and Secondary Root Metabolites in Wild Cabbage. <i>Journal of Chemical Ecology</i> , <b>2015</b> , 41, 696-707                                     | 2.7  | 15  |
| 77 | Crop domestication and its impact on naturally selected trophic interactions. <i>Annual Review of Entomology</i> , <b>2015</b> , 60, 35-58  | 21.8 | 207 |
| 76 | Plant-mediated effects of butterfly egg deposition on subsequent caterpillar and pupal development, across different species of wild Brassicaceae. <i>Ecological Entomology</i> , <b>2015</b> , 40, 444-450 | 2.1  | 27  |
| 75 | Fitness consequences of indirect plant defence in the annual weed, <i>Sinapis arvensis</i> . <i>Functional Ecology</i> , <b>2015</b> , 29, 1019-1025  | 5.6  | 28  |
| 74 | Complex tritrophic interactions in response to crop domestication: predictions from the wild. <i>Entomologia Experimentalis Et Applicata</i> , <b>2015</b> , 157, 40-59                                     | 2.1  | 35  |

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| 73 | Intra-specific variation in wild Brassica oleracea for aphid-induced plant responses and consequences for caterpillar-parasitoid interactions. <i>Oecologia</i> , <b>2014</b> , 174, 853-62  | 2.9  | 27  |
| 72 | Convergence and Divergence in Direct and Indirect Life-History Traits of Closely Related Parasitoids (Braconidae: Microgastrinae). <i>Evolutionary Biology</i> , <b>2014</b> , 41, 134-144   | 3    | 9   |
| 71 | Direct and indirect chemical defences against insects in a multitrophic framework. <i>Plant, Cell and Environment</i> , <b>2014</b> , 37, 1741-52  | 8.4  | 75  |
| 70 | Effect of sequential induction by Mamestra brassicae L. and Tetranychus urticae Koch on lima bean plant indirect defense. <i>Journal of Chemical Ecology</i> , <b>2014</b> , 40, 977-85  | 2.7  | 5   |
| 69 | Variation in plant defences among populations of a range-expanding plant: consequences for trophic interactions. <i>New Phytologist</i> , <b>2014</b> , 204, 989-99  | 9.8  | 15  |
| 68 | Reciprocal interactions between native and introduced populations of common milkweed, <i>Asclepias syriaca</i> , and the specialist aphid, <i>Aphis nerii</i> . <i>Basic and Applied Ecology</i> , <b>2014</b> , 15, 444-452                                 | 3.2  | 4   |
| 67 | Reciprocal crosstalk between jasmonate and salicylate defence-signalling pathways modulates plant volatile emission and herbivore host-selection behaviour. <i>Journal of Experimental Botany</i> , <b>2014</b> , 65, 3289-98                                | 7    | 61  |
| 66 | Development of a generalist predator, <i>Podisus maculiventris</i> , on glucosinolate sequestering and nonsequestering prey. <i>Die Naturwissenschaften</i> , <b>2014</b> , 101, 707-14  | 2    | 8   |
| 65 | Plant interactions with multiple insect herbivores: from community to genes. <i>Annual Review of Plant Biology</i> , <b>2014</b> , 65, 689-713   | 30.7 | 286 |
| 64 | Food plant and herbivore host species affect the outcome of intrinsic competition among parasitoid larvae. <i>Ecological Entomology</i> , <b>2014</b> , 39, 693-702  | 2.1  | 18  |
| 63 | Seasonal phenology of interactions involving short-lived annual plants, a multivoltine herbivore and its endoparasitoid wasp. <i>Journal of Animal Ecology</i> , <b>2014</b> , 83, 234-44  | 4.7  | 23  |
| 62 | Caterpillar-induced plant volatiles remain a reliable signal for foraging wasps during dual attack with a plant pathogen or non-host insect herbivore. <i>Plant, Cell and Environment</i> , <b>2014</b> , 37, 1924-35  | 8.4  | 60  |
| 61 | 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> , <b>2014</b> , 65, 4821-31 | 7    | 25  |
| 60 | Jasmonate and ethylene signaling mediate whitefly-induced interference with indirect plant defense in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , <b>2013</b> , 197, 1291-1299  | 9.8  | 85  |
| 59 | Reproductive escape: annual plant responds to butterfly eggs by accelerating seed production. <i>Functional Ecology</i> , <b>2013</b> , 27, 245-254  | 5.6  | 51  |
| 58 | Ecological and phytohormonal aspects of plant volatile emission in response to single and dual infestations with herbivores and phytopathogens. <i>Functional Ecology</i> , <b>2013</b> , 27, 587-598  | 5.6  | 86  |
| 57 | The importance of aboveground-belowground interactions on the evolution and maintenance of variation in plant defense traits. <i>Frontiers in Plant Science</i> , <b>2013</b> , 4, 431   | 6.2  | 24  |
| 56 | A bodyguard or a tastier meal? Dying caterpillar indirectly protects parasitoid cocoons by offering alternate prey to a generalist predator. <i>Entomologia Experimentalis Et Applicata</i> , <b>2013</b> , 149, 219-228                                     | 2.1  | 6   |

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| 55 | Effect of host-cocoon mass on adult size in the secondary hyperparasitoid wasp, <i>Pteromalus semotus</i> (Hymenoptera: Pteromalidae). <i>Insect Science</i> , <b>2012</b> , 19, 383-390                                      | 3.6  | 4   |
| 54 | Consequences of constitutive and induced variation in the host's food plant quality for parasitoid larval development. <i>Journal of Insect Physiology</i> , <b>2012</b> , 58, 367-75   | 2.4  | 15  |
| 53 | The effect of different dietary sugars and honey on longevity and fecundity in two hyperparasitoid wasps. <i>Journal of Insect Physiology</i> , <b>2012</b> , 58, 816-23  | 2.4  | 46  |
| 52 | Herbivore-mediated effects of glucosinolates on different natural enemies of a specialist aphid. <i>Journal of Chemical Ecology</i> , <b>2012</b> , 38, 100-15  | 2.7  | 63  |
| 51 | The roles of ecological fitting, phylogeny and physiological equivalence in understanding realized and fundamental host ranges in endoparasitoid wasps. <i>Journal of Evolutionary Biology</i> , <b>2012</b> , 25, 2139-2148  | 2.3  | 17  |
| 50 | Development of a hyperparasitoid wasp in different stages of its primary parasitoid and secondary herbivore hosts. <i>Journal of Insect Physiology</i> , <b>2012</b> , 58, 1463-8   | 2.4  | 14  |
| 49 | Plant volatiles induced by herbivore egg deposition affect insects of different trophic levels. <i>PLoS ONE</i> , <b>2012</b> , 7, e43607   | 3.7  | 118 |
| 48 | Variation in the specificity of plant volatiles and their use by a specialist and a generalist parasitoid. <i>Animal Behaviour</i> , <b>2012</b> , 83, 1231-1242  | 2.8  | 33  |
| 47 | Bidirectional secretions from glandular trichomes of pyrethrum enable immunization of seedlings. <i>Plant Cell</i> , <b>2012</b> , 24, 4252-65  | 11.6 | 50  |
| 46 | Intrinsic competition among solitary and gregarious endoparasitoid wasps and the phenomenon of Resource sharing. <i>Ecological Entomology</i> , <b>2012</b> , 37, 65-74   | 2.1  | 23  |
| 45 | Indirect plant-mediated interactions among parasitoid larvae. <i>Ecology Letters</i> , <b>2011</b> , 14, 670-6  | 10   | 33  |
| 44 | The 'usurpation hypothesis' revisited: dying caterpillar repels attack from a hyperparasitoid wasp. <i>Animal Behaviour</i> , <b>2011</b> , 81, 1281-1287   | 2.8  | 17  |
| 43 | Population-related variation in plant defense more strongly affects survival of an herbivore than its solitary parasitoid wasp. <i>Journal of Chemical Ecology</i> , <b>2011</b> , 37, 1081-90                                | 2.7  | 32  |
| 42 | Smelling the wood from the trees: non-linear parasitoid responses to volatile attractants produced by wild and cultivated cabbage. <i>Journal of Chemical Ecology</i> , <b>2011</b> , 37, 795-807                             | 2.7  | 73  |
| 41 | Differing Host Exploitation Efficiencies in Two Hyperparasitoids: When is a 'Match Made in Heaven'?. <i>Journal of Insect Behavior</i> , <b>2011</b> , 24, 282-292  | 1.1  | 8   |
| 40 | Tri-trophic effects of inter- and intra-population variation in defence chemistry of wild cabbage ( <i>Brassica oleracea</i> ). <i>Oecologia</i> , <b>2011</b> , 166, 421-31  | 2.9  | 49  |
| 39 | Development of <i>Mamestra brassicae</i> and its solitary endoparasitoid <i>Microplitis mediator</i> on two populations of the invasive weed <i>Bunias orientalis</i> . <i>Population Ecology</i> , <b>2011</b> , 53, 587-596 | 2.1  | 9   |
| 38 | Differing Success of Defense Strategies in Two Parasitoid Wasps in Protecting Their Pupae Against a Secondary Hyperparasitoid. <i>Annals of the Entomological Society of America</i> , <b>2011</b> , 104, 1005-1011           | 2    | 7   |

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| 37 | Behaviour of male and female parasitoids in the field: influence of patch size, host density, and habitat complexity. <i>Ecological Entomology</i> , <b>2010</b> , 35, 341-351  | 2.1 | 33  |
| 36 | Ecological fits, mis-fits and lotteries involving insect herbivores on the invasive plant, <i>Bunias orientalis</i> . <i>Biological Invasions</i> , <b>2010</b> , 12, 3045-3059   | 2.7 | 56  |
| 35 | Combined effects of patch size and plant nutritional quality on local densities of insect herbivores. <i>Basic and Applied Ecology</i> , <b>2010</b> , 11, 396-405  | 3.2 | 25  |
| 34 | Development and host utilization in <i>Hyposoter ebeninus</i> (Hymenoptera: Ichneumonidae), a solitary endoparasitoid of <i>Pieris rapae</i> and <i>P. brassicae</i> caterpillars (Lepidoptera: Pieridae). <i>Biological Control</i> , <b>2010</b> , 53, 312-318    | 3.8 | 21  |
| 33 | The effect of host developmental stage at parasitism on sex-related size differentiation in a larval endoparasitoid. <i>Ecological Entomology</i> , <b>2009</b> , 34, 755-762   | 2.1 | 10  |
| 32 | Consequences of constitutive and induced variation in plant nutritional quality for immune defence of a herbivore against parasitism. <i>Oecologia</i> , <b>2009</b> , 160, 299-308   | 2.9 | 90  |
| 31 | Plant-mediated effects in the Brassicaceae on the performance and behaviour of parasitoids. <i>Phytochemistry Reviews</i> , <b>2009</b> , 8, 187-206  | 7.7 | 119 |
| 30 | Are population differences in plant quality reflected in the preference and performance of two endoparasitoid wasps?. <i>Oikos</i> , <b>2009</b> , 118, 733-742   | 4   | 65  |
| 29 | Intrinsic competition and its effects on the survival and development of three species of endoparasitoid wasps. <i>Entomologia Experimentalis Et Applicata</i> , <b>2009</b> , 130, 238-248   | 2.1 | 35  |
| 28 | Novel bacterial pathogen <i>Acaricomes phytoseiuli</i> causes severe disease symptoms and histopathological changes in the predatory mite <i>Phytoseiulus persimilis</i> (Acari, Phytoseiidae). <i>Journal of Invertebrate Pathology</i> , <b>2008</b> , 98, 127-35 | 2.6 | 14  |
| 27 | Genetic variation in defense chemistry in wild cabbages affects herbivores and their endoparasitoids. <i>Ecology</i> , <b>2008</b> , 89, 1616-26  | 4.6 | 168 |
| 26 | Comparing the physiological effects and function of larval feeding in closely-related endoparasitoids (Braconidae: Microgastrinae). <i>Physiological Entomology</i> , <b>2008</b> , 33, 217-225   | 1.9 | 26  |
| 25 | Performance of generalist and specialist herbivores and their endoparasitoids differs on cultivated and wild Brassica populations. <i>Journal of Chemical Ecology</i> , <b>2008</b> , 34, 132-43  | 2.7 | 144 |
| 24 | The effect of direct and indirect defenses in two wild brassicaceous plant species on a specialist herbivore and its gregarious endoparasitoid. <i>Entomologia Experimentalis Et Applicata</i> , <b>2008</b> , 128, 99-108 <sup>2.1</sup>                           | 2.1 | 35  |
| 23 | Root herbivores influence the behaviour of an aboveground parasitoid through changes in plant-volatile signals. <i>Oikos</i> , <b>2007</b> , 116, 367-376   | 4   | 145 |
| 22 | Time allocation of a parasitoid foraging in heterogeneous vegetation: implications for host-parasitoid interactions. <i>Journal of Animal Ecology</i> , <b>2007</b> , 76, 845-53  | 4.7 | 32  |
| 21 | Temporal changes affect plant chemistry and tritrophic interactions. <i>Basic and Applied Ecology</i> , <b>2007</b> , 8, 421-433  | 3.2 | 49  |
| 20 | Development of an insect herbivore and its pupal parasitoid reflect differences in direct plant defense. <i>Journal of Chemical Ecology</i> , <b>2007</b> , 33, 1556-69   | 2.7 | 48  |

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| 19 | Effects of dietary nicotine on the development of an insect herbivore, its parasitoid and secondary hyperparasitoid over four trophic levels. <i>Ecological Entomology</i> , <b>2007</b> , 32, 15-23   | 2.1     | 60  |
| 18 | PCR-based identification of the pathogenic bacterium, <i>Acaricomes phytoseiuli</i> , in the biological control agent <i>Phytoseiulus persimilis</i> (Acari: Phytoseiidae). <i>Biological Control</i> , <b>2007</b> , 42, 316-325  | 3.8     | 13  |
| 17 | <i>Acaricomes phytoseiuli</i> gen. nov., sp. nov., isolated from the predatory mite <i>Phytoseiulus persimilis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2006</b> , 56, 465-469  | 2.2     | 37  |
| 16 | Enter the matrix: how to analyze the structure of behavior. <i>Behavior Research Methods</i> , <b>2006</b> , 38, 357-636.1   |         | 7   |
| 15 | Impact of botanical pesticides derived from <i>Melia azedarach</i> and <i>Azadirachta indica</i> plants on the emission of volatiles that attract Parasitoids of the diamondback moth to cabbage plants. <i>Journal of Chemical Ecology</i> , <b>2006</b> , 32, 325-49             | 2.7     | 22  |
| 14 | Population genetic structure of <i>Orchesella cincta</i> (Collembola; Hexapoda) in NW Europe, as revealed by microsatellite markers. <i>Pedobiologia</i> , <b>2005</b> , 49, 167-174   | 1.7     | 12  |
| 13 | Reduced foraging efficiency of a parasitoid under habitat complexity: implications for population stability and species coexistence. <i>Journal of Animal Ecology</i> , <b>2005</b> , 74, 1059-1068  | 4.7     | 77  |
| 12 | Variation in plant volatiles and attraction of the parasitoid <i>Diadegma semiclausum</i> (Hemiptera). <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 461-80   | 2.7     | 89  |
| 11 | Paternity Analysis in a Hexapod ( <i>Orchesella cincta</i> ; Collembola) with Indirect Sperm Transfer. <i>Journal of Insect Behavior</i> , <b>2004</b> , 17, 317-328   | 1.1     | 21  |
| 10 | Induction of direct and indirect plant responses by jasmonic acid, low spider mite densities, or a combination of jasmonic acid treatment and spider mite infestation. <i>Journal of Chemical Ecology</i> , <b>2003</b> , 29, 2651-66  | 2.7     | 105 |
| 9  | Interactions over four trophic levels: foodplant quality affects development of a hyperparasitoid as mediated through a herbivore and its primary parasitoid. <i>Journal of Animal Ecology</i> , <b>2003</b> , 72, 520-531   | 4.7     | 167 |
| 8  | Microsatellite loci in the soil-dwelling collembolan, <i>Orchesella cincta</i> . <i>Molecular Ecology Notes</i> , <b>2001</b> , 1, 182-184   |         | 3   |
| 7  | Comparison of cultivars of ornamental crop <i>Gerbera jamesonii</i> on production of spider mite-induced volatiles, and their attractiveness to the predator <i>Phytoseiulus persimilis</i> . <i>Journal of Chemical Ecology</i> , <b>2001</b> , 27, 1355-72                       | 2.7     | 48  |
| 6  | Jasmonic acid induces the production of gerbera volatiles that attract the biological control agent <i>Phytoseiulus persimilis</i> . <i>Entomologia Experimentalis Et Applicata</i> , <b>1999</b> , 93, 77-86  | 2.1     | 57  |
| 5  | Jasmonic Acid and Herbivory Differentially Induce Carnivore-Attracting Plant Volatiles in Lima Bean Plants. <i>Journal of Chemical Ecology</i> , <b>1999</b> , 25, 1907-1922   | 2.7     | 227 |
| 4  | Development of the parasitoid, <i>Cotesia rubecula</i> (Hymenoptera: Braconidae) in <i>Pieris rapae</i> and <i>Pieris brassicae</i> (Lepidoptera: Pieridae): evidence for host regulation. <i>Journal of Insect Physiology</i> , <b>1999</b> , 45, 173-182                         | 2.4     | 100 |
| 3  | Nutritional ecology of the interaction between larvae of the gregarious ectoparasitoid, <i>Muscidifurax raptorellus</i> (Hymenoptera: Pteromalidae), and their pupal host, <i>Musca domestica</i> (Diptera: Muscidae). <i>Physiological Entomology</i> , <b>1998</b> , 23, 113-120 | 1.9     | 27  |
| 2  | Dynamics of plant secondary metabolites and consequences for food chains and community dynamics  | 308-328 | 4   |



- 1 Insect egg-killing: a new front on the evolutionary arms-race between Brassicaceae plants and Pierid butterflies