

Jan Hrcek

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,924
citations

361045

20
h-index

276539

41
g-index

51
all docs

51
docs citations

51
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	The global distribution of diet breadth in insect herbivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 442-447.	3.3	454
2	Wolbachia and DNA Barcoding Insects: Patterns, Potential, and Problems. <i>PLoS ONE</i> , 2012, 7, e36514.	1.1	148
3	Molecular detection of trophic links in a complex insect host-parasitoid food web. <i>Molecular Ecology Resources</i> , 2011, 11, 786-794.	2.2	107
4	DNA barcoding and the taxonomy of Microgastrinae wasps (Hymenoptera). <i>Molecular Ecology Resources</i> , 2013, 13, 168-176.	2.2	104
5	Predicting tropical insect herbivore abundance from host plant traits and phylogeny. <i>Ecology</i> , 2012, 93, S211.	1.5	90
6	Insect symbionts in food webs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150325.	1.8	72
7	What do molecular methods bring to host-parasitoid food webs?. <i>Trends in Parasitology</i> , 2015, 31, 30-35.	1.5	68
8	Genotype specificity among hosts, pathogens, and beneficial microbes influences the strength of symbiont-mediated protection. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1222-1231.	1.1	67
9	Symbionts modify interactions between insects and natural enemies in the field. <i>Journal of Animal Ecology</i> , 2016, 85, 1605-1612.	1.3	55
10	To each its own: differential response of specialist and generalist herbivores to plant defence in willows. <i>Journal of Animal Ecology</i> , 2015, 84, 1123-1132.	1.3	53
11	Parasitism rate, parasitoid community composition and host specificity on exposed and semi-concealed caterpillars from a tropical rainforest. <i>Oecologia</i> , 2013, 173, 521-532.	0.9	50
12	The last population of the Woodland Brown butterfly (<i>Lopinga achine</i>) in the Czech Republic: habitat use, demography and site management. <i>Journal of Insect Conservation</i> , 2008, 12, 549-560.	0.8	49
13	Insects on Plants: Explaining the Paradox of Low Diversity within Specialist Herbivore Guilds. <i>American Naturalist</i> , 2012, 179, 351-362.	1.0	47
14	Consequences of symbiont infections for insect host phenotypes. <i>Journal of Animal Ecology</i> , 2018, 87, 478-488.	1.3	47
15	Mechanisms structuring host-parasitoid networks in a global warming context: a review. <i>Ecological Entomology</i> , 2019, 44, 581-592.	1.1	47
16	Utility of the DNA barcoding gene fragment for parasitic wasp phylogeny (Hymenoptera). <i>Molecular Ecology Resources</i> , 2012, 12, 676-685.	2.2	46
17	Metacommunity theory for transmission of heritable symbionts within insect communities. <i>Ecology and Evolution</i> , 2020, 10, 1703-1721.	0.8	41
18	Performance of DNA metabarcoding, standard barcoding, and morphological approach in the identification of host-parasitoid interactions. <i>PLoS ONE</i> , 2017, 12, e0187803.	1.1	33

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19	Establishment and maintenance of aphid endosymbionts after horizontal transfer is dependent on host genotype. <i>Biology Letters</i> , 2017, 13, 20170016.	1.0	26
20	Interplay of succession and seasonality reflects resource utilization in an ephemeral habitat. <i>Acta Oecologica</i> , 2013, 46, 17-24.	0.5	24
21	Intraspecific variation in symbiont density in an insect-microbe symbiosis. <i>Molecular Ecology</i> , 2021, 30, 1559-1569.	2.0	23
22	DNA Barcodes of Caterpillars (Lepidoptera) from Papua New Guinea. <i>Proceedings of the Entomological Society of Washington</i> , 2013, 115, 107-109.	0.0	20
23	Multiple phenotypes conferred by a single insect symbiont are independent. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200562.	1.2	19
24	Molecular analyses reveal consistent food web structure with elevation in rainforest <i>Drosophila</i> parasitoid communities. <i>Ecography</i> , 2021, 44, 403-413.	2.1	19
25	Hosts do not simply outsource pathogen resistance to protective symbionts. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1488-1499.	1.1	18
26	The influence of symbiotic bacteria on reproductive strategies and wing polyphenism in pea aphids responding to stress. <i>Journal of Animal Ecology</i> , 2019, 88, 601-611.	1.3	18
27	DROP: Molecular voucher database for identification of <i>Drosophila</i> parasitoids. <i>Molecular Ecology Resources</i> , 2021, 21, 2437-2454.	2.2	16
28	A novel method to predict dark diversity using unconstrained ordination analysis. <i>Journal of Vegetation Science</i> , 2019, 30, 610-619.	1.1	15
29	<i>Colastomion Baker</i> (Braconidae, Rogadinae): nine new species from Papua New Guinea reared from Crambidae. <i>Journal of Hymenoptera Research</i> , 0, 28, 85-121.	0.8	14
30	Elevational contrast in predation and parasitism risk to caterpillars in a tropical rainforest. <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 922-931.	0.7	14
31	Insect herbivores drive the loss of unique chemical defense in willows. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 156, 88-98.	0.7	13
32	A New Genus of Rhyssipoline Wasp (Hymenoptera: Braconidae) with Modified Wing Venation from Africa and Papua New Guinea, Parasitoid on Choreutidae (Lepidoptera). <i>Annales Zoologici</i> , 2016, 66, 173-192.	0.1	13
33	A new genus and three new species of parasitoid wasp from Papua New Guinea and redescription of <i>Trigonophatnus</i> Cameron (Hymenoptera, Braconidae, Rogadinae). <i>Journal of Natural History</i> , 2012, 46, 1369-1385.	0.2	12
34	Cascading effects of herbivore protective symbionts on hyperparasitoids. <i>Ecological Entomology</i> , 2017, 42, 601-609.	1.1	12
35	Wing plasticity and associated gene expression varies across the pea aphid biotype complex. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1143-1149.	1.1	9
36	A molecular phylogeny of the parasitoid wasp subfamily Rogadinae (Ichneumonoidea: Braconidae) with descriptions of three new genera. <i>Systematic Entomology</i> , 2021, 46, 1019-1044.	1.7	9

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37	Environment and space drive the community assembly of Atlantic European grasslands: Insights from multiple facets. <i>Journal of Biogeography</i> , 2022, 49, 699-711.	1.4	9
38	Effects of phenological mismatch under warming are modified by community context. <i>Global Change Biology</i> , 2022, 28, 4013-4026.	4.2	8
39	Experimental warming influences species abundances in a <i>Drosophila</i> host community through direct effects on species performance rather than altered competition and parasitism. <i>PLoS ONE</i> , 2021, 16, e0245029.	1.1	7
40	<i>Cystomastacoides</i> van Achterberg (Braconidae, Rogadinae): first host record and descriptions of three new species from Thailand and Papua New Guinea. <i>Journal of Hymenoptera Research</i> , 2013, 31, 65-78.	0.8	6
41	The presence of multiple parasitoids decreases host survival under warming, but parasitoid performance also decreases. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220121.	1.2	5