

Julia Ferrari

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,989
citations

201674

27
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

2681
citing authors

#	ARTICLE	IF	CITATIONS
1	Aphid Protected from Pathogen by Endosymbiont. <i>Science</i> , 2005, 310, 1781-1781.	12.6	648
2	Bacterial symbionts in insects or the story of communities affecting communities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 1389-1400.	4.0	285
3	Unrelated facultative endosymbionts protect aphids against a fungal pathogen. <i>Ecology Letters</i> , 2013, 16, 214-218.	6.4	266
4	Horizontally Transmitted Symbionts and Host Colonization of Ecological Niches. <i>Current Biology</i> , 2013, 23, 1713-1717.	3.9	248
5	Linking the bacterial community in pea aphids with host-plant use and natural enemy resistance. <i>Ecological Entomology</i> , 2004, 29, 60-65.	2.2	227
6	POPULATION GENETIC STRUCTURE AND SECONDARY SYMBIONTS IN HOST-ASSOCIATED POPULATIONS OF THE PEA APHID COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 375-390.	2.3	196
7	CLONAL VARIATION AND COVARIATION IN APHID RESISTANCE TO PARASITOIDS AND A PATHOGEN. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1805-1814.	2.3	138
8	Insect life history and the evolution of bacterial mutualism. <i>Ecology Letters</i> , 2015, 18, 516-525.	6.4	138
9	Heritable symbionts in a world of varying temperature. <i>Heredity</i> , 2017, 118, 10-20.	2.6	138
10	Protection against a fungal pathogen conferred by the aphid facultative endosymbionts <i>Rickettsia</i> and <i>Spiroplasma</i> is expressed in multiple host genotypes and species and is not influenced by co-infection with another symbiont. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2654-2661.	1.7	135
11	Effects of bacterial secondary symbionts on host plant use in pea aphids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 760-766.	2.6	134
12	GENOTYPIC VARIATION AND THE ROLE OF DEFENSIVE ENDOSYMBIONTS IN AN ALL-PARTHENOGENETIC HOST-PARASITOID INTERACTION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1439-1450.	2.3	129
13	Genetic variation in the effect of a facultative symbiont on host-plant use by pea aphids. <i>Oecologia</i> , 2007, 153, 323-329.	2.0	122
14	POPULATION DIFFERENTIATION AND GENETIC VARIATION IN PERFORMANCE ON EIGHT HOSTS IN THE PEA APHID COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2508-2524.	2.3	119
15	POPULATION DIFFERENTIATION AND GENETIC VARIATION IN HOST CHOICE AMONG PEA APHIDS FROM EIGHT HOST PLANT GENERA. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1574-1584.	2.3	113
16	A facultative endosymbiont in aphids can provide diverse ecological benefits. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1753-1760.	1.7	107
17	Costs of resistance in insect-parasite and insect-parasitoid interactions. <i>Parasitology</i> , 2002, 125, S71-S82.	1.5	99
18	LARGE-SCALE CANDIDATE GENE SCAN REVEALS THE ROLE OF CHEMORECEPTOR GENES IN HOST PLANT SPECIALIZATION AND SPECIATION IN THE PEA APHID. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2723-2738.	2.3	99

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19	The diversity and fitness effects of infection with facultative endosymbionts in the grain aphid, <i>Sitobion avenae</i> . <i>Oecologia</i> , 2013, 173, 985-996.	2.0	87
20	Genetic variation and covariation of susceptibility to parasitoids in the aphid <i>Myzus persicae</i> : no evidence for trade-offs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1089-1094.	2.6	64
21	CLONAL VARIATION AND COVARIATION IN APHID RESISTANCE TO PARASITIDS AND A PATHOGEN. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1805.	2.3	62
22	Differential gene expression according to race and host plant in the pea aphid. <i>Molecular Ecology</i> , 2016, 25, 4197-4215.	3.9	59
23	Dynamics of Copy Number Variation in Host Races of the Pea Aphid. <i>Molecular Biology and Evolution</i> , 2015, 32, 63-80.	8.9	55
24	Aphid Facultative Symbionts Aid Recovery of Their Obligate Symbiont and Their Host After Heat Stress. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	42
25	Horizontal transfer of facultative endosymbionts is limited by host relatedness. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2757-2766.	2.3	37
26	Population differentiation and genetic variation in host choice among pea aphids from eight host plant genera. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1574-84.	2.3	36
27	Heat Stress Affects Facultative Symbiont-Mediated Protection from a Parasitoid Wasp. <i>PLoS ONE</i> , 2016, 11, e0167180.	2.5	35
28	Resistance to a fungal pathogen and host plant specialization in the pea aphid. <i>Ecology Letters</i> , 2003, 6, 111-118.	6.4	27
29	Targeted resequencing confirms the importance of chemosensory genes in aphid host race differentiation. <i>Molecular Ecology</i> , 2017, 26, 43-58.	3.9	27
30	Effects of the maternal and preadult host plant on adult performance and preference in the pea aphid, <i>Acyrtosiphon pisum</i> . <i>Ecological Entomology</i> , 2009, 34, 330-338.	2.2	24
31	Aphids can acquire the nitrogen delivered to plants by arbuscular mycorrhizal fungi. <i>Functional Ecology</i> , 2019, 33, 576-586.	3.6	19
32	The maintenance of intraspecific biodiversity: the interplay of selection on resource use and on natural enemy resistance in the pea aphid. <i>Ecological Research</i> , 2006, 21, 9-16.	1.5	18
33	Aphids Influence Soil Fungal Communities in Conventional Agricultural Systems. <i>Frontiers in Plant Science</i> , 2019, 10, 895.	3.6	17
34	Genetic identity and genotype × genotype interactions between symbionts outweigh species level effects in an insect microbiome. <i>ISME Journal</i> , 2021, 15, 2537-2546.	9.8	14
35	Grain aphid clones vary in frost resistance, but this trait is not influenced by facultative endosymbionts. <i>Ecological Entomology</i> , 2011, 36, 790-793.	2.2	13
36	Do facultative symbionts affect fitness of pea aphids in the sexual generation?. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 32-40.	1.4	8

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37	POPULATION DIFFERENTIATION AND GENETIC VARIATION IN HOST CHOICE AMONG PEA APHIDS FROM EIGHT HOST PLANT GENERA. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1574.	2.3	4