

Sara Via

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

9,798
citations

126907

33
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

6455
citing authors

#	ARTICLE	IF	CITATIONS
1	GENOTYPE-ENVIRONMENT INTERACTION AND THE EVOLUTION OF PHENOTYPIC PLASTICITY. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 505-522.	2.3	1,338
2	Adaptive phenotypic plasticity: consensus and controversy. <i>Trends in Ecology and Evolution</i> , 1995, 10, 212-217.	8.7	1,193
3	Sympatric speciation in animals: the ugly duckling grows up. <i>Trends in Ecology and Evolution</i> , 2001, 16, 381-390.	8.7	705
4	Genotype-Environment Interaction and the Evolution of Phenotypic Plasticity. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 505.	2.3	700
5	THE QUANTITATIVE GENETICS OF POLYPHAGY IN AN INSECT HERBIVORE. II. GENETIC CORRELATIONS IN LARVAL PERFORMANCE WITHIN AND AMONG HOST PLANTS. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 896-905.	2.3	553
6	Genetic linkage of ecological specialization and reproductive isolation in pea aphids. <i>Nature</i> , 2001, 412, 904-907.	27.8	484
7	Natural selection in action during speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9939-9946.	7.1	480
8	REPRODUCTIVE ISOLATION BETWEEN SYMPATRIC RACES OF PEA APHIDS. I. GENE FLOW RESTRICTION AND HABITAT CHOICE. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1446-1457.	2.3	362
9	Adaptive Phenotypic Plasticity: Target or By-Product of Selection in a Variable Environment?. <i>American Naturalist</i> , 1993, 142, 352-365.	2.1	356
10	THE GENETIC STRUCTURE OF HOST PLANT ADAPTATION IN A SPATIAL PATCHWORK: DEMOGRAPHIC VARIABILITY AMONG RECIPROCALLY TRANSPLANTED PEA APHID CLONES. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 827-852.	2.3	351
11	The genetic mosaic suggests a new role for hitchhiking in ecological speciation. <i>Molecular Ecology</i> , 2008, 17, 4334-4345.	3.9	337
12	REPRODUCTIVE ISOLATION BETWEEN DIVERGENT RACES OF PEA APHIDS ON TWO HOSTS. II. SELECTION AGAINST MIGRANTS AND HYBRIDS IN THE PARENTAL ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1626-1637.	2.3	318
13	Divergence hitchhiking and the spread of genomic isolation during ecological speciation-with-gene-flow. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 451-460.	4.0	278
14	THE QUANTITATIVE GENETICS OF POLYPHAGY IN AN INSECT HERBIVORE. I. GENOTYPE-ENVIRONMENT INTERACTION IN LARVAL PERFORMANCE ON DIFFERENT HOST PLANT SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 881-895.	2.3	250
15	Evolution of genetic variability in a spatially heterogeneous environment: effects of genotype-environment interaction. <i>Genetical Research</i> , 1987, 49, 147-156.	0.9	250
16	Specialized Feeding Behavior Influences Both Ecological Specialization and Assortative Mating in Sympatric Host Races of Pea Aphids. <i>American Naturalist</i> , 2000, 156, 606-621.	2.1	217
17	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
18	Reproductive Isolation between Sympatric Races of Pea Aphids. I. Gene Flow Restriction and Habitat Choice. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1446.	2.3	173

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19	The Genetic Structure of Host Plant Adaptation in a Spatial Patchwork: Demographic Variability among Reciprocally Transplanted Pea Aphid Clones. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 827.	2.3	138
20	The Genetic Architecture of Ecological Specialization: Correlated Gene Effects on Host Use and Habitat Choice in Pea Aphids. <i>American Naturalist</i> , 2002, 159, S76-S88.	2.1	138
21	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
22	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
23	GENETIC COVARIANCE BETWEEN OVIPOSITION PREFERENCE AND LARVAL PERFORMANCE IN AN INSECT HERBIVORE. <i>Evolution; International Journal of Organic Evolution</i> , 1986, 40, 778-785.	2.3	99
24	Cannibalism facilitates the use of a novel environment in the flour beetle, <i>Tribolium castaneum</i> . <i>Heredity</i> , 1999, 82, 267-275.	2.6	95
25	The Quantitative Genetics of Polyphagy in an Insect Herbivore. I. Genotype- Environment Interaction in Larval Performance on Different Host Plant Species. <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 881.	2.3	80
26	EVOLUTION OF AN APHID-PARASITOID INTERACTION: VARIATION IN RESISTANCE TO PARASITISM AMONG APHID POPULATIONS SPECIALIZED ON DIFFERENT PLANTS. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1435-1445.	2.3	77
27	The Ecological Genetics of Speciation. <i>American Naturalist</i> , 2002, 159, S1-S7.	2.1	75
28	Evolution in heterogeneous environments: genetic variability within and across different grains in <i>Tribolium castaneum</i> . <i>Heredity</i> , 1995, 74, 80-90.	2.6	57
29	Back to the future: genetic correlations, adaptation and speciation. <i>Genetica</i> , 2005, 123, 147-156.	1.1	54
30	Localizing <i>F_{ST}</i> outliers on a <i>QTL</i> map reveals evidence for large genomic regions of reduced gene exchange during speciation with gene flow. <i>Molecular Ecology</i> , 2012, 21, 5546-5560.	3.9	50
31	SHORT-TERM EVOLUTION IN THE SIZE AND SHAPE OF PEA APHIDS. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 163-173.	2.3	44
32	Field estimation of variation in host plant use between local populations of pea aphids from two crops. <i>Ecological Entomology</i> , 1989, 14, 357-364.	2.2	41
33	Regulatory Genes and Reaction Norms. <i>American Naturalist</i> , 1993, 142, 374-378.	2.1	36
34	Models of the evolution of phenotypic plasticity. <i>Trends in Ecology and Evolution</i> , 1992, 7, 63.	8.7	16
35	Reproductive isolation and cryptic introgression in a sky island enclave of <i>A.</i> palachian birds. <i>Ecology and Evolution</i> , 2013, 3, 2485-2496.	1.9	11
36	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

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37	3. The Evolution of Phenotypic Plasticity: What Do We Really Know?. , 2017, , 35-57.		4
38	ESTIMATING VARIANCE COMPONENTS: REPLY TO GROETERS. Evolution; International Journal of Organic Evolution, 1988, 42, 633-634.	2.3	2
39	Are We Alone?. Annals of the New York Academy of Sciences, 2001, 950, 225-240.	3.8	2
40	Back to the future: genetic correlations, adaptation and speciation. , 2005, , 147-156.		2