Sara Via

List of Publications by Year in Descending Order

40 papers	8,414 citations	32 h-index	40 g-index
40 ext. papers	9,050 ext. citations	5.6 avg, IF	6.47 L-index

#	Paper	IF	Citations
40	3. The Evolution of Phenotypic Plasticity: What Do We Really Know? **2017**, 35-57		3
39	Reproductive isolation and cryptic introgression in a sky island enclave of Appalachian birds. *Ecology and Evolution*, **2013**, 3, 2485-2496	2.8	9
38	Divergence hitchhiking and the spread of genomic isolation during ecological speciation-with-gene-flow. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2012**, 367, 451-60	5.8	219
37	Localizing F(ST) outliers on a QTL map reveals evidence for large genomic regions of reduced gene exchange during speciation-with-gene-flow. *Molecular Ecology*, **2012**, 21, 5546-60	5.7	44
36	Population genetic structure and secondary symbionts in host-associated populations of the pea aphid complex. *Evolution; International Journal of Organic Evolution*, **2012**, 66, 375-90	3.8	169
35	Natural selection in action during speciation. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106 Suppl 1, 9939-46	11.5	378
34	The genetic mosaic suggests a new role for hitchhiking in ecological speciation. *Molecular Ecology*, **2008**, 17, 4334-45	5.7	279
33	Population differentiation and genetic variation in performance on eight hosts in the pea aphid complex. *Evolution; International Journal of Organic Evolution*, **2008**, 62, 2508-24	3.8	102
32	POPULATION DIFFERENTIATION AND GENETIC VARIATION IN HOST CHOICE AMONG PEA APHIDS FROM EIGHT HOST PLANT GENERA. *Evolution; International Journal of Organic Evolution*, **2006**, 60, 1574	3.8	4
31	POPULATION DIFFERENTIATION AND GENETIC VARIATION IN HOST CHOICE AMONG PEA APHIDS FROM EIGHT HOST PLANT GENERA. *Evolution; International Journal of Organic Evolution*, **2006**, 60, 1574-1584	3.8	100
30	Back to the future: genetic correlations, adaptation and speciation. *Genetica*, **2005**, 123, 147-56	1.5	41
29	Back to the future: genetic correlations, adaptation and speciation **2005**, 147-156		2
28	The ecological genetics of speciation. *American Naturalist*, **2002**, 159 Suppl 3, S1-7	3.7	62
27	The genetic architecture of ecological specialization: correlated gene effects on host use and habitat choice in pea aphids. *American Naturalist*, **2002**, 159 Suppl 3, S76-88	3.7	115
26	Are We Alone?. *Annals of the New York Academy of Sciences*, **2001**, 950, 225-240	6.5	2
25	Genetic linkage of ecological specialization and reproductive isolation in pea aphids. *Nature*, **2001**, 412, 904-7	50.4	438
24	Sympatric speciation in animals: the ugly duckling grows up. *Trends in Ecology and Evolution*, **2001**, 16, 381-390	10.9	632

23	Reproductive isolation between divergent races of pea aphids on two hosts. II. Selection against migrants and hybrids in the parental environments. *Evolution; International Journal of Organic Evolution*, **2000**, 54, 1626-37	3.8	298
22	Specialized Feeding Behavior Influences Both Ecological Specialization and Assortative Mating in Sympatric Host Races of Pea Aphids. *American Naturalist*, **2000**, 156, 606-621	3.7	184
21	Cannibalism facilitates the use of a novel environment in the flour beetle, Tribolium castaneum. *Heredity*, **1999**, 82 (Pt 3), 267-75	3.6	77
20	Reproductive Isolation between Sympatric Races of Pea Aphids. I. Gene Flow Restriction and Habitat Choice. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 1446	3.8	165
19	EVOLUTION OF AN APHID-PARASITOID INTERACTION: VARIATION IN RESISTANCE TO PARASITISM AMONG APHID POPULATIONS SPECIALIZED ON DIFFERENT PLANTS. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 1435-1445	3.8	72
18	REPRODUCTIVE ISOLATION BETWEEN SYMPATRIC RACES OF PEA APHIDS. I. GENE FLOW RESTRICTION AND HABITAT CHOICE. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 1446-1457	3.8	341
17	SHORT-TERM EVOLUTION IN THE SIZE AND SHAPE OF PEA APHIDS. *Evolution; International Journal of Organic Evolution*, **1996**, 50, 163-173	3.8	42
16	Evolution in heterogeneous environments: genetic variability within and across different grains in Tribolium castaneum. *Heredity*, **1995**, 74 (Pt 1), 80-90	3.6	52
15	Adaptive phenotypic plasticity: consensus and controversy. *Trends in Ecology and Evolution*, **1995**, 10, 212-7	10.9	1022
14	Adaptive phenotypic plasticity: target or by-product of selection in a variable environment?. *American Naturalist*, **1993**, 142, 352-65	3.7	299
13	Regulatory genes and reaction norms. *American Naturalist*, **1993**, 142, 374-78	3.7	32
12	Models of the evolution of phenotypic plasticity. *Trends in Ecology and Evolution*, **1992**, 7, 63	10.9	13
11	THE GENETIC STRUCTURE OF HOST PLANT ADAPTATION IN A SPATIAL PATCHWORK: DEMOGRAPHIC VARIABILITY AMONG RECIPROCALLY TRANSPLANTED PEA APHID CLONES. *Evolution; International Journal of Organic Evolution*, **1991**, 45, 827-852	3.8	329
10	The Genetic Structure of Host Plant Adaptation in a Spatial Patchwork: Demographic Variability among Reciprocally Transplanted Pea Aphid Clones. *Evolution; International Journal of Organic Evolution*, **1991**, 45, 827	3.8	127
9	Field estimation of variation in host plant use between local populations of pea aphids from two crops. *Ecological Entomology*, **1989**, 14, 357-364	2.1	37
8	ESTIMATING VARIANCE COMPONENTS: REPLY TO GROETERS. *Evolution; International Journal of Organic Evolution*, **1988**, 42, 633-634	3.8	1
7	Evolution of genetic variability in a spatially heterogeneous environment: effects of genotype-environment interaction. *Genetical Research*, **1987**, 49, 147-56	1.1	219
6	GENETIC COVARIANCE BETWEEN OVIPOSITION PREFERENCE AND LARVAL PERFORMANCE IN AN INSECT HERBIVORE. *Evolution; International Journal of Organic Evolution*, **1986**, 40, 778-785	3.8	75

5	Genotype-Environment Interaction and the Evolution of Phenotypic Plasticity. *Evolution; International Journal of Organic Evolution*, **1985**, 39, 505	3.8	588
4	GENOTYPE-ENVIRONMENT INTERACTION AND THE EVOLUTION OF PHENOTYPIC PLASTICITY. *Evolution; International Journal of Organic Evolution*, **1985**, 39, 505-522	3.8	1028
3	The Quantitative Genetics of Polyphagy in an Insect Herbivore. I. Genotype- Environment Interaction in Larval Performance on Different Host Plant Species. *Evolution; International Journal of Organic Evolution*, **1984**, 38, 881	3.8	79
2	THE QUANTITATIVE GENETICS OF POLYPHAGY IN AN INSECT HERBIVORE. I. GENOTYPE-ENVIRONMENT INTERACTION IN LARVAL PERFORMANCE ON DIFFERENT HOST PLANT SPECIES. *Evolution; International Journal of Organic Evolution*, **1984**, 38, 881-895	3.8	222
1	THE QUANTITATIVE GENETICS OF POLYPHAGY IN AN INSECT HERBIVORE. II. GENETIC CORRELATIONS IN LARVAL PERFORMANCE WITHIN AND AMONG HOST PLANTS. *Evolution; International Journal of Organic Evolution*, **1984**, 38, 896-905	3.8	513