

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11686159/sara-via-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	GENOTYPE-ENVIRONMENT INTERACTION AND THE EVOLUTION OF PHENOTYPIC PLASTICITY. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 505-522	3.8	1028
39	Adaptive phenotypic plasticity: consensus and controversy. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 212-7	10.9	1022
38	Sympatric speciation in animals: the ugly duckling grows up. <i>Trends in Ecology and Evolution</i> , 2001 , 16, 381-390	10.9	632
37	Genotype-Environment Interaction and the Evolution of Phenotypic Plasticity. <i>Evolution; International Journal of Organic Evolution</i> , 1985 , 39, 505	3.8	588
36	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	3.8	513
35	Genetic linkage of ecological specialization and reproductive isolation in pea aphids. <i>Nature</i> , 2001 , 412, 904-7	50.4	438
34	Natural selection in action during speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106 Suppl 1, 9939-46	11.5	378
33	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 ³⁴¹	2.8	341
32	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	3.8	329
31	Adaptive phenotypic plasticity: target or by-product of selection in a variable environment?. <i>American Naturalist</i> , 1993 , 142, 352-65	3.7	299
30	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, 1626-37	3.8	298
29	The genetic mosaic suggests a new role for hitchhiking in ecological speciation. <i>Molecular Ecology</i> , 2008 , 17, 4334-45	5.7	279
28	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	3.8	222
27	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, 451-60	5.8	219
26	Evolution of genetic variability in a spatially heterogeneous environment: effects of genotype-environment interaction. <i>Genetical Research</i> , 1987 , 49, 147-56	1.1	219
25	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	3.7	184
24	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, 375-90	3.8	169

23	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	3.8	165
22	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	3.8	127
21	The genetic architecture of ecological specialization: correlated gene effects on host use and habitat choice in pea aphids. <i>American Naturalist</i> , 2002 , 159 Suppl 3, S76-88	3.7	115
20	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, 2508-24	3.8	102
19	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	3.8	100
18	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	3.8	79
17	Cannibalism facilitates the use of a novel environment in the flour beetle, <i>Tribolium castaneum</i> . <i>Heredity</i> , 1999 , 82 (Pt 3), 267-75	3.6	77
16	GENETIC COVARIANCE BETWEEN OVIPOSITION PREFERENCE AND LARVAL PERFORMANCE IN AN INSECT HERBIVORE. <i>Evolution; International Journal of Organic Evolution</i> , 1986 , 40, 778-785	3.8	75
15	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	3.8	72
14	The ecological genetics of speciation. <i>American Naturalist</i> , 2002 , 159 Suppl 3, S1-7	3.7	62
13	Evolution in heterogeneous environments: genetic variability within and across different grains in <i>Tribolium castaneum</i> . <i>Heredity</i> , 1995 , 74 (Pt 1), 80-90	3.6	52
12	Localizing F(ST) outliers on a QTL map reveals evidence for large genomic regions of reduced gene exchange during speciation-with-gene-flow. <i>Molecular Ecology</i> , 2012 , 21, 5546-60	5.7	44
11	SHORT-TERM EVOLUTION IN THE SIZE AND SHAPE OF PEA APHIDS. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 163-173	3.8	42
10	Back to the future: genetic correlations, adaptation and speciation. <i>Genetica</i> , 2005 , 123, 147-56	1.5	41
9	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	2.1	37
8	Regulatory genes and reaction norms. <i>American Naturalist</i> , 1993 , 142, 374-78	3.7	32
7	Models of the evolution of phenotypic plasticity. <i>Trends in Ecology and Evolution</i> , 1992 , 7, 63	10.9	13
6	Reproductive isolation and cryptic introgression in a sky island enclave of Appalachian birds. <i>Ecology and Evolution</i> , 2013 , 3, 2485-2496	2.8	9

5	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 ^{3.8}	4
4	3. The Evolution of Phenotypic Plasticity: What Do We Really Know? 2017 , 35-57	3
3	Are We Alone?. <i>Annals of the New York Academy of Sciences</i> , 2001 , 950, 225-240	6.5 2
2	Back to the future: genetic correlations, adaptation and speciation 2005 , 147-156	2
1	ESTIMATING VARIANCE COMPONENTS: REPLY TO GROETERS. <i>Evolution; International Journal of Organic Evolution</i> , 1988 , 42, 633-634	3.8 1