

Viola Nolte

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,156
citations

430874

18
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

3699
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing pools of individuals “ mining genome-wide polymorphism data without big funding. <i>Nature Reviews Genetics</i> , 2014, 15, 749-763.	16.3	654
2	PoPoolation: A Toolbox for Population Genetic Analysis of Next Generation Sequencing Data from Pooled Individuals. <i>PLoS ONE</i> , 2011, 6, e15925.	2.5	556
3	Genome-wide patterns of latitudinal differentiation among populations of <i>Drosophila melanogaster</i> from North America. <i>Molecular Ecology</i> , 2012, 21, 4748-4769.	3.9	256
4	Genetic redundancy fuels polygenic adaptation in <i>Drosophila</i> . <i>PLoS Biology</i> , 2019, 17, e3000128.	5.6	212
5	Adaptation of <i>Drosophila</i> to a novel laboratory environment reveals temporally heterogeneous trajectories of selected alleles. <i>Molecular Ecology</i> , 2012, 21, 4931-4941.	3.9	194
6	A Genome-Wide, Fine-Scale Map of Natural Pigmentation Variation in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2013, 9, e1003534.	3.5	146
7	Massive Habitat-Specific Genomic Response in <i>D. melanogaster</i> Populations during Experimental Evolution in Hot and Cold Environments. <i>Molecular Biology and Evolution</i> , 2014, 31, 364-375.	8.9	138
8	Host adaptation to viruses relies on few genes with different cross-resistance properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5938-5943.	7.1	122
9	The recent invasion of natural <i>Drosophila simulans</i> populations by the P-element. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6659-6663.	7.1	101
10	Tempo and Mode of Transposable Element Activity in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2015, 11, e1005406.	3.5	97
11	Patterns of Linkage Disequilibrium and Long Range Hitchhiking in Evolving Experimental <i>Drosophila melanogaster</i> Populations. <i>Molecular Biology and Evolution</i> , 2015, 32, 495-509.	8.9	82
12	Genome-wide patterns of natural variation reveal strong selective sweeps and ongoing genomic conflict in <i>Drosophila mauritiana</i> . <i>Genome Research</i> , 2013, 23, 99-110.	5.5	73
13	A simple genetic basis of adaptation to a novel thermal environment results in complex metabolic rewiring in <i>Drosophila</i> . <i>Genome Biology</i> , 2018, 19, 119.	8.8	71
14	Molecular dissection of a natural transposable element invasion. <i>Genome Research</i> , 2018, 28, 824-835.	5.5	64
15	Temperature-Related Reaction Norms of Gene Expression: Regulatory Architecture and Functional Implications. <i>Molecular Biology and Evolution</i> , 2015, 32, 2393-2402.	8.9	57
16	Genome assembly and annotation of a <i>Drosophila simulans</i> strain from Madagascar. <i>Molecular Ecology Resources</i> , 2015, 15, 372-381.	4.8	46
17	High rate of translocation-based gene birth on the <i>Drosophila</i> Y chromosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11721-11726.	7.1	35
18	Ancestral population reconstitution from isofemale lines as a tool for experimental evolution. <i>Ecology and Evolution</i> , 2016, 6, 7169-7175.	1.9	25

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19	<i>Drosophila simulans</i> : A Species with Improved Resolution in Evolve and Resequencing Studies. G3: Genes, Genomes, Genetics, 2017, 7, 2337-2343.	1.8	25
20	Rapid sex-specific adaptation to high temperature in <i>Drosophila</i> . ELife, 2020, 9, .	6.0	25
21	DNA Motifs Are Not General Predictors of Recombination in Two <i>Drosophila</i> Sister Species. Genome Biology and Evolution, 2019, 11, 1345-1357.	2.5	24
22	The impact of library preparation protocols on the consistency of allele frequency estimates in Pool-Seq data. Molecular Ecology Resources, 2016, 16, 118-122.	4.8	22
23	Neuronal Function and Dopamine Signaling Evolve at High Temperature in <i>Drosophila</i> . Molecular Biology and Evolution, 2020, 37, 2630-2640.	8.9	22
24	Parallel gene expression evolution in natural and laboratory evolved populations. Molecular Ecology, 2021, 30, 884-894.	3.9	15
25	Secondary Evolve and Resequencing: An Experimental Confirmation of Putative Selection Targets without Phenotyping. Genome Biology and Evolution, 2020, 12, 151-159.	2.5	14
26	Strong epistatic and additive effects of linked candidate SNPs for <i>Drosophila</i> pigmentation have implications for analysis of genome-wide association studies results. Genome Biology, 2017, 18, 126.	8.8	11
27	A 24 h Age Difference Causes Twice as Much Gene Expression Divergence as 100 Generations of Adaptation to a Novel Environment. Genes, 2019, 10, 89.	2.4	11
28	The genetic architecture of temperature adaptation is shaped by population ancestry and not by selection regime. Genome Biology, 2021, 22, 211.	8.8	11
29	Fitness effects for <i>Ace</i> insecticide resistance mutations are determined by ambient temperature. BMC Biology, 2020, 18, 157.	3.8	8
30	Long-Term Dynamics Among <i>Wolbachia</i> Strains During Thermal Adaptation of Their <i>Drosophila melanogaster</i> Hosts. Frontiers in Genetics, 2020, 11, 482.	2.3	7
31	Highly Parallel Genomic Selection Response in Replicated <i>Drosophila melanogaster</i> Populations with Reduced Genetic Variation. Genome Biology and Evolution, 2021, 13, .	2.5	4
32	Natural variation in <i>Drosophila</i> shows weak pleiotropic effects. Genome Biology, 2022, 23, 116.	8.8	4
33	Pool-GWAS on reproductive dormancy in <i>Drosophila simulans</i> suggests a polygenic architecture. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	1