

Steven M Van Belleghem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2107075/publications.pdf>

Version: 2024-02-01

35
papers

1,622
citations

567281

15
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic architecture and introgression shape a butterfly radiation. <i>Science</i> , 2019, 366, 594-599.	12.6	365
2	Exploring Evolutionary Relationships Across the Genome Using Topology Weighting. <i>Genetics</i> , 2017, 206, 429-438.	2.9	193
3	Complex modular architecture around a simple toolkit of wing pattern genes. <i>Nature Ecology and Evolution</i> , 2017, 1, 52.	7.8	179
4	Parallel evolution of ancient, pleiotropic enhancers underlies butterfly wing pattern mimicry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24174-24183.	7.1	102
5	patternize: An R package for quantifying colour pattern variation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 390-398.	5.2	96
6	Evolution at two time frames: Polymorphisms from an ancient singular divergence event fuel contemporary parallel evolution. <i>PLoS Genetics</i> , 2018, 14, e1007796.	3.5	77
7	Patterns of Z chromosome divergence among <i>Heliconius</i> species highlight the importance of historical demography. <i>Molecular Ecology</i> , 2018, 27, 3852-3872.	3.9	69
8	Selective sweeps on novel and introgressed variation shape mimicry loci in a butterfly adaptive radiation. <i>PLoS Biology</i> , 2020, 18, e3000597.	5.6	60
9	De novo Transcriptome Assembly and SNP Discovery in the Wing Polymorphic Salt Marsh Beetle <i>Pogonus chalceus</i> (Coleoptera, Carabidae). <i>PLoS ONE</i> , 2012, 7, e42605.	2.5	50
10	Genomics overrules mitochondrial DNA, siding with morphology on a controversial case of species delimitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182924.	2.6	40
11	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in <i>Heliconius</i> . <i>ELife</i> , 2021, 10, .	6.0	40
12	Parallel habitat specialization within the wolf spider genus <i>Hogna</i> from the Galápagos. <i>Molecular Ecology</i> , 2010, 19, 4029-4045.	3.9	28
13	Divergence of chemosensing during the early stages of speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16438-16447.	7.1	25
14	Persistent inter- and intraspecific gene exchange within a parallel radiation of caterpillar hunter beetles (<i>Cyclopsa</i> sp.) from the Galápagos. <i>Molecular Ecology</i> , 2015, 24, 3107-3121.	3.9	21
15	Perfect mimicry between <i>Heliconius</i> butterflies is constrained by genetics and development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201267.	2.6	20
16	Many functionally connected loci foster adaptive diversification along a neotropical hybrid zone. <i>Science Advances</i> , 2020, 6, .	10.3	18
17	Selection and isolation define a heterogeneous divergence landscape between hybridizing <i>Heliconius</i> butterflies. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2251-2268.	2.3	18
18	A masculinizing supergene underlies an exaggerated male reproductive morph in a spider. <i>Nature Ecology and Evolution</i> , 2022, 6, 195-206.	7.8	18

#	ARTICLE	IF	CITATIONS
19	Evolutionary history of a dispersal-associated locus across sympatric and allopatric divergent populations of a wing-polymorphic beetle across Atlantic Europe. <i>Molecular Ecology</i> , 2015, 24, 890-908.	3.9	16
20	Multimodal mimicry of hosts in a radiation of parasitic finches*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2526-2538.	2.3	15
21	Transcription, Signaling Receptor Activity, Oxidative Phosphorylation, and Fatty Acid Metabolism Mediate the Presence of Closely Related Species in Distinct Intertidal and Cold-Seep Habitats. <i>Genome Biology and Evolution</i> , 2016, 8, 51-69.	2.5	13
22	Deep Convergence, Shared Ancestry, and Evolutionary Novelty in the Genetic Architecture of <i>Heliconius</i> Mimicry. <i>Genetics</i> , 2020, 216, 765-780.	2.9	13
23	A tight association in two genetically unlinked dispersal related traits in sympatric and allopatric salt marsh beetle populations. <i>Genetica</i> , 2014, 142, 1-9.	1.1	12
24	Parallel phenotypic evolution in a wolf spider radiation on Galápagos. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 123-136.	1.6	11
25	Behavioral adaptations imply a direct link between ecological specialization and reproductive isolation in a sympatrically diverging ground beetle. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1904-1912.	2.3	10
26	Inter and intra island introgression in a wolf spider radiation from the Galápagos, and its implications for parallel evolution. <i>Molecular Phylogenetics and Evolution</i> , 2015, 84, 73-84.	2.7	9
27	Genomics at the evolving species boundary. <i>Current Opinion in Insect Science</i> , 2016, 13, 7-15.	4.4	9
28	Genome Assembly of the Dogface Butterfly <i>Zerene cesonia</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 3580-3585.	2.5	9
29	Mechanisms of Change: A Population-Based Perspective on the Roles of Modularity and Pleiotropy in Diversification. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	9
30	The continuing march of Common Green Iguanas: arrival on mainland Asia. <i>Journal for Nature Conservation</i> , 2020, 57, 125888.	1.8	9
31	<i>Heliconius</i> butterflies: a window into the evolution and development of diversity. <i>Current Opinion in Genetics and Development</i> , 2021, 69, 72-81.	3.3	8
32	Comparative Transcriptomics Provides Insights into Reticulate and Adaptive Evolution of a Butterfly Radiation. <i>Genome Biology and Evolution</i> , 2019, 11, 2963-2975.	2.5	7
33	Multiple Loci Control Eyespot Number Variation on the Hindwings of <i>Bicyclus anynana</i> Butterflies. <i>Genetics</i> , 2020, 214, 1059-1078.	2.9	4
34	Balanced polymorphisms and their divergence in a <i>Heliconius</i> butterfly. <i>Ecology and Evolution</i> , 2021, 11, 18319-18330.	1.9	1
35	Response to Alcalá et al.: What keeps them from mingling. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2762-2764.	2.3	0