

Chris D Jiggins

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

15,743
citations

20817

60
h-index

23533

111
g-index

188
all docs

188
docs citations

188
times ranked

11518
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomics and the origin of species. <i>Nature Reviews Genetics</i> , 2014, 15, 176-192.	16.3	850
2	Reproductive isolation caused by colour pattern mimicry. <i>Nature</i> , 2001, 411, 302-305.	27.8	611
3	Genome-wide evidence for speciation with gene flow in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013, 23, 1817-1828.	5.5	609
4	Bimodal hybrid zones and speciation. <i>Trends in Ecology and Evolution</i> , 2000, 15, 250-255.	8.7	538
5	Evaluating the Use of ABBA-BABA Statistics to Locate Introgressed Loci. <i>Molecular Biology and Evolution</i> , 2015, 32, 244-257.	8.9	532
6	Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry. <i>Nature</i> , 2011, 477, 203-206.	27.8	509
7	The biology of color. <i>Science</i> , 2017, 357, .	12.6	509
8	<i>optix</i> Drives the Repeated Convergent Evolution of Butterfly Wing Pattern Mimicry. <i>Science</i> , 2011, 333, 1137-1141.	12.6	431
9	Speciation by hybridization in <i>Heliconius</i> butterflies. <i>Nature</i> , 2006, 441, 868-871.	27.8	412
10	Genomic architecture and introgression shape a butterfly radiation. <i>Science</i> , 2019, 366, 594-599.	12.6	365
11	Adaptive Introgression across Species Boundaries in <i>Heliconius</i> Butterflies. <i>PLoS Genetics</i> , 2012, 8, e1002752.	3.5	319
12	Genomic islands of divergence in hybridizing <i>Heliconius</i> butterflies identified by large-scale targeted sequencing. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 343-353.	4.0	294
13	Linkage Mapping and Comparative Genomics Using Next-Generation RAD Sequencing of a Non-Model Organism. <i>PLoS ONE</i> , 2011, 6, e19315.	2.5	270
14	Recombination rate variation shapes barriers to introgression across butterfly genomes. <i>PLoS Biology</i> , 2019, 17, e2006288.	5.6	253
15	Diversification of complex butterfly wing patterns by repeated regulatory evolution of a <i>Wnt</i> ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12632-12637.	7.1	244
16	A Conserved Supergene Locus Controls Colour Pattern Diversity in <i>Heliconius</i> Butterflies. <i>PLoS Biology</i> , 2006, 4, e303.	5.6	242
17	Parallel Evolution of <i>Bacillus thuringiensis</i> Toxin Resistance in Lepidoptera. <i>Genetics</i> , 2011, 189, 675-679.	2.9	239
18	Limited performance of DNA barcoding in a diverse community of tropical butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2881-2889.	2.6	233

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19	Estimation of the Spontaneous Mutation Rate in <i>Heliconius melpomene</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, 239-243.	8.9	220
20	The gene cortex controls mimicry and crypsis in butterflies and moths. <i>Nature</i> , 2016, 534, 106-110.	27.8	212
21	Multilocus Species Trees Show the Recent Adaptive Radiation of the Mimetic <i>Heliconius</i> Butterflies. <i>Systematic Biology</i> , 2015, 64, 505-524.	5.6	204
22	Disruptive sexual selection against hybrids contributes to speciation between <i>Heliconius cydno</i> and <i>Heliconius melpomene</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1849-1854.	2.6	189
23	Interpreting the genomic landscape of introgression. <i>Current Opinion in Genetics and Development</i> , 2017, 47, 69-74.	3.3	186
24	Complex modular architecture around a simple toolkit of wing pattern genes. <i>Nature Ecology and Evolution</i> , 2017, 1, 52.	7.8	179
25	Genome-wide patterns of divergence and gene flow across a butterfly radiation. <i>Molecular Ecology</i> , 2013, 22, 814-826.	3.9	160
26	Phylogenetic Discordance at the Species Boundary: Comparative Gene Genealogies Among Rapidly Radiating <i>Heliconius</i> Butterflies. <i>Molecular Biology and Evolution</i> , 2002, 19, 2176-2190.	8.9	156
27	Female Behaviour Drives Expression and Evolution of Gustatory Receptors in Butterflies. <i>PLoS Genetics</i> , 2013, 9, e1003620.	3.5	154
28	Major Improvements to the <i>Heliconius melpomene</i> Genome Assembly Used to Confirm 10 Chromosome Fusion Events in 6 Million Years of Butterfly Evolution. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 695-708.	1.8	149
29	Disruptive ecological selection on a mating cue. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4907-4913.	2.6	143
30	Do pollen feeding, pupal-mating and larval gregariousness have a single origin in <i>Heliconius</i> butterflies? Inferences from multilocus DNA sequence data. <i>Biological Journal of the Linnean Society</i> , 2007, 92, 221-239.	1.6	138
31	Macroevolutionary shifts of <i>WntA</i> function potentiate butterfly wing-pattern diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10701-10706.	7.1	137
32	Evolutionary Novelty in a Butterfly Wing Pattern through Enhancer Shuffling. <i>PLoS Biology</i> , 2016, 14, e1002353.	5.6	136
33	A golden age for evolutionary genetics? Genomic studies of adaptation in natural populations. <i>Trends in Genetics</i> , 2010, 26, 484-492.	6.7	127
34	Ecological Speciation in Mimetic Butterflies. <i>BioScience</i> , 2008, 58, 541-548.	4.9	119
35	Towards the identification of the loci of adaptive evolution. <i>Methods in Ecology and Evolution</i> , 2015, 6, 445-464.	5.2	115
36	Evolution of the Insect Yellow Gene Family. <i>Molecular Biology and Evolution</i> , 2011, 28, 257-272.	8.9	114

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37	Population genomics of parallel hybrid zones in the mimetic butterflies, <i>H. melpomene</i> and <i>H. erato</i> . <i>Genome Research</i> , 2014, 24, 1316-1333.	5.5	114
38	Polyphyly and gene flow between non-sibling <i>Heliconius</i> species. <i>BMC Biology</i> , 2006, 4, 11.	3.8	113
39	Mimicry: developmental genes that contribute to speciation. <i>Evolution & Development</i> , 2003, 5, 269-280.	2.0	112
40	A Genetic Linkage Map of the Mimetic Butterfly <i>Heliconius melpomene</i> . <i>Genetics</i> , 2005, 171, 557-570.	2.9	111
41	Hybrid Sterility, Haldane's Rule and Speciation in <i>Heliconius cydno</i> and <i>H. melpomene</i> . <i>Genetics</i> , 2002, 161, 1517-1526.	2.9	111
42	Mis-Spliced Transcripts of Nicotinic Acetylcholine Receptor $\alpha 6$ Are Associated with Field Evolved Spinosad Resistance in <i>Plutella xylostella</i> (L.). <i>PLoS Genetics</i> , 2010, 6, e1000802.	3.5	110
43	Hybrid trait speciation and <i>Heliconius</i> butterflies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3047-3054.	4.0	108
44	Pervasive genetic associations between traits causing reproductive isolation in <i>Heliconius</i> butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 511-518.	2.6	106
45	Wing patterning gene redefines the mimetic history of <i>Heliconius</i> butterflies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19666-19671.	7.1	104
46	Synteny and Chromosome Evolution in the Lepidoptera: Evidence From Mapping in <i>Heliconius melpomene</i> . <i>Genetics</i> , 2007, 177, 417-426.	2.9	101
47	MATE PREFERENCE ACROSS THE SPECIATION CONTINUUM IN A CLADE OF MIMETIC BUTTERFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1489-1500.	2.3	101
48	Genomic Hotspots for Adaptation: The Population Genetics of MÅ¼llerian Mimicry in <i>Heliconius erato</i> . <i>PLoS Genetics</i> , 2010, 6, e1000796.	3.5	99
49	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1631-1638.	2.3	98
50	Patterns of pollen feeding and habitat preference among <i>Heliconius</i> species. <i>Ecological Entomology</i> , 2002, 27, 448-456.	2.2	97
51	Genomic Hotspots for Adaptation: The Population Genetics of MÅ¼llerian Mimicry in the <i>Heliconius melpomene</i> Clade. <i>PLoS Genetics</i> , 2010, 6, e1000794.	3.5	97
52	ASSORTATIVE MATING PREFERENCES AMONG HYBRIDS OFFERS A ROUTE TO HYBRID SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1660-1665.	2.3	96
53	patternize: An R package for quantifying colour pattern variation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 390-398.	5.2	96
54	Natural Selection and Genetic Diversity in the Butterfly <i>Heliconius melpomene</i> . <i>Genetics</i> , 2016, 203, 525-541.	2.9	94

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55	ButterflyBase: a platform for lepidopteran genomics. <i>Nucleic Acids Research</i> , 2007, 36, D582-D587.	14.5	90
56	Genetic Evidence for Hybrid Trait Speciation in <i>Heliconius</i> Butterflies. <i>PLoS Genetics</i> , 2010, 6, e1000930.	3.5	90
57	No evidence for maintenance of a sympatric <i>Heliconius</i> species barrier by chromosomal inversions. <i>Evolution Letters</i> , 2017, 1, 138-154.	3.3	90
58	The genomics of coloration provides insights into adaptive evolution. <i>Nature Reviews Genetics</i> , 2020, 21, 461-475.	16.3	88
59	Convergent Evolution in the Genetic Basis of Müllerian Mimicry in <i>Heliconius</i> Butterflies. <i>Genetics</i> , 2008, 180, 1567-1577.	2.9	79
60	Genetic dissection of assortative mating behavior. <i>PLoS Biology</i> , 2019, 17, e2005902.	5.6	79
61	Male sex pheromone components in <i>Heliconius</i> butterflies released by the androconia affect female choice. <i>PeerJ</i> , 2017, 5, e3953.	2.0	79
62	The genetic basis of an adaptive radiation: warning colour in two <i>Heliconius</i> species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1167-1175.	2.6	78
63	What can hybrid zones tell us about speciation? The case of <i>Heliconius erato</i> and <i>H. himera</i> (Lepidoptera: Nymphalidae). <i>Biological Journal of the Linnean Society</i> , 1996, 59, 221-242.	1.6	76
64	Evolution of novel mimicry rings facilitated by adaptive introgression in tropical butterflies. <i>Molecular Ecology</i> , 2017, 26, 5160-5172.	3.9	70
65	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
66	Waiting in the wings: what can we learn about gene co-option from the diversification of butterfly wing patterns?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20150485.	4.0	67
67	THE PHYLOGENETIC PATTERN OF SPECIATION AND WING PATTERN CHANGE IN NEOTROPICALITHOMIABUTTERFLIES (LEPIDOPTERA: NYMPHALIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1454-1466.	2.3	64
68	Adaptive Introgression across Semipermeable Species Boundaries between Local <i>Helicoverpa zea</i> and Invasive <i>Helicoverpa armigera</i> Moths. <i>Molecular Biology and Evolution</i> , 2020, 37, 2568-2583.	8.9	64
69	Maintaining mimicry diversity: optimal warning colour patterns differ among microhabitats in Amazonian clearwing butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170744.	2.6	60
70	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
71	A hybrid zone provides evidence for incipient ecological speciation in <i>Heliconius</i> butterflies. <i>Molecular Ecology</i> , 2008, 17, 4699-4712.	3.9	57
72	Insights into invasive species from whole-genome resequencing. <i>Molecular Ecology</i> , 2021, 30, 6289-6308.	3.9	56

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73	Interplay between Developmental Flexibility and Determinism in the Evolution of Mimetic Heliconius Wing Patterns. <i>Current Biology</i> , 2019, 29, 3996-4009.e4.	3.9	55
74	Molecular systematics of the butterfly genus <i>Ithomia</i> (Lepidoptera: Ithomiinae): a composite phylogenetic hypothesis based on seven genes. <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 625-644.	2.7	54
75	Two sisters in the same dress: <i>Heliconius</i> cryptic species. <i>BMC Evolutionary Biology</i> , 2008, 8, 324.	3.2	54
76	Sex Chromosome Dosage Compensation in <i>Heliconius</i> Butterflies: Global yet Still Incomplete?. <i>Genome Biology and Evolution</i> , 2015, 7, 2545-2559.	2.5	54
77	Mutualistic Mimicry and Filtering by Altitude Shape the Structure of Andean Butterfly Communities. <i>American Naturalist</i> , 2014, 183, 26-39.	2.1	52
78	Into the Andes: multiple independent colonizations drive montane diversity in the Neotropical clearwing butterflies Godyridina. <i>Molecular Ecology</i> , 2016, 25, 5765-5784.	3.9	52
79	Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in <i>Heliconius</i> butterflies. <i>BMC Genomics</i> , 2008, 9, 345.	2.8	51
80	North Andean origin and diversification of the largest ithomiine butterfly genus. <i>Scientific Reports</i> , 2017, 7, 45966.	3.3	48
81	Peace in Colombia is a critical moment for Neotropical connectivity and conservation: Save the northern Andes–Amazon biodiversity bridge. <i>Conservation Letters</i> , 2019, 12, e12594.	5.7	46
82	Haplotype tagging reveals parallel formation of hybrid races in two butterfly species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	46
83	Characterisation and expression of microRNAs in developing wings of the neotropical butterfly <i>Heliconius melpomene</i> . <i>BMC Genomics</i> , 2011, 12, 62.	2.8	44
84	Whole-chromosome hitchhiking driven by a male-killing endosymbiont. <i>PLoS Biology</i> , 2020, 18, e3000610.	5.6	44
85	Shared and divergent expression domains on mimetic <i>Heliconius</i> wings. <i>Evolution & Development</i> , 2009, 11, 498-512.	2.0	43
86	Microclimate buffering and thermal tolerance across elevations in a tropical butterfly. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	41
87	Comparative genomics of the mimicry switch in <i>Papilio dardanus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140465.	2.6	40
88	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in <i>Heliconius</i> . <i>ELife</i> , 2021, 10, .	6.0	40
89	The transcriptome response of <i>Heliconius melpomene</i> larvae to a novel host plant. <i>Molecular Ecology</i> , 2016, 25, 4850-4865.	3.9	39
90	Genome-wide analysis of ionotropic receptors provides insight into their evolution in <i>Heliconius</i> butterflies. <i>BMC Genomics</i> , 2016, 17, 254.	2.8	38

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91	Genomic tools and cDNA derived markers for butterflies. <i>Molecular Ecology</i> , 2005, 14, 2883-2897.	3.9	37
92	Evaluating female remating rates in light of spermatophore degradation in <i>Heliconius</i> butterflies: pupal mating monandry versus adult mating polyandry. <i>Ecological Entomology</i> , 2012, 37, 257-268.	2.2	37
93	Convergent, modular expression of ebony and tan in the mimetic wing patterns of <i>Heliconius</i> butterflies. <i>Development Genes and Evolution</i> , 2011, 221, 297-308.	0.9	36
94	Evolution: Mimicry meets the mitochondrion. <i>Current Biology</i> , 1996, 6, 937-940.	3.9	35
95	Colour pattern specification in the Mocker swallowtail <i>Papilio dardanus</i> : the transcription factor <i>invected</i> is a candidate for the mimicry locus <i>H</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1181-1188.	2.6	35
96	Male pheromone composition depends on larval but not adult diet in <i>Heliconius melpomene</i> . <i>Ecological Entomology</i> , 2019, 44, 397-405.	2.2	35
97	Rapidly Shifting Sex Ratio across a Species Range. <i>Current Biology</i> , 2009, 19, 1628-1631.	3.9	34
98	Avoidance of an aposematically coloured butterfly by wild birds in a tropical forest. <i>Ecological Entomology</i> , 2016, 41, 627-632.	2.2	34
99	Evolution of a mimicry supergene from a multilocus architecture. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 316-325.	2.6	33
100	The appearance of mimetic <i>Heliconius</i> butterflies to predators and conspecifics. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2156-2166.	2.3	33
101	Conserved ancestral tropical niche but different continental histories explain the latitudinal diversity gradient in brush-footed butterflies. <i>Nature Communications</i> , 2021, 12, 5717.	12.8	33
102	ESTIMATING THE MATING BEHAVIOR OF A PAIR OF HYBRIDIZING <i>HELICONIUS</i> SPECIES IN THE WILD. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 503-510.	2.3	32
103	Sexually dimorphic gene expression and transcriptome evolution provide mixed evidence for a fast effect in <i>Heliconius</i> . <i>Journal of Evolutionary Biology</i> , 2019, 32, 194-204.	1.7	31
104	Species specificity and intraspecific variation in the chemical profiles of <i>Heliconius</i> butterflies across a large geographic range. <i>Ecology and Evolution</i> , 2020, 10, 3895-3918.	1.9	31
105	Rampant Genome-Wide Admixture across the <i>Heliconius</i> Radiation. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	31
106	Gene flow and the genealogical history of <i>Heliconius heurippa</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 132.	3.2	30
107	Butterfly Learning and the Diversification of Plant Leaf Shape. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	29
108	A novel terpene synthase controls differences in anti-aphrodisiac pheromone production between closely related <i>Heliconius</i> butterflies. <i>PLoS Biology</i> , 2021, 19, e3001022.	5.6	29

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109	The Evolution of Sex Ratio Distorter Suppression Affects a 25 cM Genomic Region in the Butterfly <i>Hypolimnas bolina</i> . <i>PLoS Genetics</i> , 2014, 10, e1004822.	3.5	27
110	Altitude and life-history shape the evolution of <i>Heliconius</i> wings. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2436-2450.	2.3	27
111	An introgressed wing pattern acts as a mating cue. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1619-1629.	2.3	25
112	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
113	Pollen feeding proteomics: Salivary proteins of the passion flower butterfly, <i>Heliconius melpomene</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 63, 7-13.	2.7	24
114	Visual mate preference evolution during butterfly speciation is linked to neural processing genes. <i>Nature Communications</i> , 2020, 11, 4763.	12.8	24
115	Deep mitochondrial divergence within a <i>Heliconius</i> butterfly species is not explained by cryptic speciation or endosymbiotic bacteria. <i>BMC Evolutionary Biology</i> , 2011, 11, 358.	3.2	23
116	Conservation and flexibility in the gene regulatory landscape of heliconiine butterfly wings. <i>EvoDevo</i> , 2019, 10, 15.	3.2	22
117	Estimating the Mating Behavior of a Pair of Hybridizing <i>Heliconius</i> Species in the Wild. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 503.	2.3	21
118	A major locus controls a biologically active pheromone component in <i>Heliconius melpomene</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 349-364.	2.3	19
119	Genetic evidence for a sibling species of <i>Heliconius charithonia</i> (Lepidoptera; Nymphalidae). <i>Biological Journal of the Linnean Society</i> , 1998, 64, 57-67.	1.6	17
120	Behavioral and Physiological Differences between Two Parapatric <i>Heliconius</i> Species1. <i>Biotropica</i> , 1999, 31, 661-668.	1.6	17
121	THE PHYLOGENETIC PATTERN OF SPECIATION AND WING PATTERN CHANGE IN NEOTROPICAL ITHOMIA BUTTERFLIES (LEPIDOPTERA: NYMPHALIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1454.	2.3	17
122	Ecologically relevant cryptic species in the highly polymorphic Amazonian butterfly <i>Mechanitis mazaesus</i> s.l. (Lepidoptera: Nymphalidae; Ithomiini). <i>Biological Journal of the Linnean Society</i> , 2012, 106, 540-560.	1.6	17
123	Adaptive dynamics: is speciation too easy?. <i>Trends in Ecology and Evolution</i> , 2000, 15, 225-226.	8.7	16
124	Assessing genotype-phenotype associations in three dorsal colour morphs in the meadow spittlebug <i>Philaenus spumarius</i> (L.) (Hemiptera: Aphrophoridae) using genomic and transcriptomic resources. <i>BMC Genetics</i> , 2016, 17, 144.	2.7	14
125	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1631.	2.3	13
126	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

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127	Suppression of <i>Wolbachia</i> -mediated male-killing in the butterfly <i>Hypolimnas bolina</i> involves a single genomic region. PeerJ, 2019, 7, e7677.	2.0	13
128	The evolutionary genetics of highly divergent alleles of the mimicry locus in <i>Papilio dardanus</i> . BMC Evolutionary Biology, 2014, 14, 140.	3.2	12
129	Hybridization and transgressive exploration of colour pattern and wing morphology in <i>Heliconius</i> butterflies. Journal of Evolutionary Biology, 2020, 33, 942-956.	1.7	12
130	Phenotypic plasticity in chemical defence of butterflies allows usage of diverse host plants. Biology Letters, 2021, 17, 20200863.	2.3	12
131	Müllerian Mimicry: Sharing the Load Reduces the Legwork. Current Biology, 2009, 19, R687-R689.	3.9	11
132	A new subspecies in a <i>Heliconius</i> butterfly adaptive radiation (Lepidoptera: Nymphalidae). Zoological Journal of the Linnean Society, 2017, 180, 805-818.	2.3	11
133	Identification and Composition of Clasper Scent Gland Components of the Butterfly <i>Heliconius erato</i> and Its Relation to Mimicry. ChemBioChem, 2021, 22, 3300-3313.	2.6	10
134	Can genomics shed light on the origin of species?. PLoS Biology, 2019, 17, e3000394.	5.6	9
135	Population structure, adaptation and divergence of the meadow spittlebug, <i>Philaenus spumarius</i> (Hemiptera, Aphrophoridae), revealed by genomic and morphological data. PeerJ, 2021, 9, e11425.	2.0	9
136	Clustering of loci controlling species differences in male chemical bouquets of sympatric <i>Heliconius</i> butterflies. Ecology and Evolution, 2021, 11, 89-107.	1.9	9
137	Neighboring genes shaping a single adaptive mimetic trait. Evolution & Development, 2014, 16, 3-12.	2.0	8
138	Genomics of altitude-associated wing shape in two tropical butterflies. Molecular Ecology, 2021, 30, 6387-6402.	3.9	8
139	Partial Complementarity of the Mimetic Yellow Bar Phenotype in <i>Heliconius</i> Butterflies. PLoS ONE, 2012, 7, e48627.	2.5	7
140	Evolutionary and ecological processes influencing chemical defense variation in an aposematic and mimetic <i>Heliconius</i> butterfly. PeerJ, 2021, 9, e11523.	2.0	7
141	A Narrow <i>Heliconius cydno</i> (Nymphalidae; Heliconiini) Hybrid Zone With Differences in Morph Sex Ratios. Biotropica, 2005, 37, 119-128.	1.6	6
142	A large deletion at the cortex locus eliminates butterfly wing patterning. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	6
143	Signatures of selection in loci governing major colour patterns in <i>Heliconius</i> butterflies and related species. BMC Evolutionary Biology, 2010, 10, 368.	3.2	5
144	A flamboyant behavioral polymorphism is controlled by a lethal supergene. Nature Genetics, 2016, 48, 7-8.	21.4	4

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145	Estimating the age of <i>Heliconius</i> butterflies from calibrated photographs. PeerJ, 2017, 5, e3821.	2.0	4
146	Reply from J.R. Bridle, C.D. Jiggins and T. Tregenza. Trends in Ecology and Evolution, 2000, 15, 420.	8.7	2
147	A Peppered Icon Enters the Genomic Era. BioScience, 2011, 61, 655-656.	4.9	2
148	What Can We Learn About Adaptation from the Wing Pattern Genetics of <i>Heliconius</i> Butterflies?. , 2017, , 173-188.		2
149	Plasticity in flower size as an adaptation to variation in pollinator specificity. Ecological Entomology, 2020, 45, 1367-1372.	2.2	2
150	Reply from C.D. Jiggins and J. Mallet. Trends in Ecology and Evolution, 2000, 15, 469.	8.7	1
151	Condition dependence in biosynthesized chemical defenses of an aposematic and mimetic <i>Heliconius</i> butterfly. Ecology and Evolution, 2022, 12, .	1.9	1
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153	Functional genomics of supergene-controlled behavior in the white-throated sparrow. Faculty Reviews, 2021, 10, 75.	3.9	0