Chris D. Jiggins

List of Publications by Year
in descending order

198 papers	21,290 citations	10986 71 h-index	13771 129 g-index
251 all docs	251 docs citations	251 times ranked	14555 citing authors

#	Article	IF	Citations
1	Hybridization and speciation. Journal of Evolutionary Biology, 2013, 26, 229-246.	1.7	1,735
2	Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. Nature, 2012, 487, 94-98.	27.8	1,086
3	Genomics and the origin of species. Nature Reviews Genetics, 2014, 15, 176-192.	16.3	850
4	Reproductive isolation caused by colour pattern mimicry. Nature, 2001, 411, 302-305.	27.8	611
5	Genome-wide evidence for speciation with gene flow inHeliconiusbutterflies. Genome Research, 2013, 23, 1817-1828.	5.5	609
6	Bimodal hybrid zones and speciation. Trends in Ecology and Evolution, 2000, 15, 250-255.	8.7	538
7	Evaluating the Use of ABBAâ€“BABA Statistics to Locate Introgressed Loci. Molecular Biology and Evolution, 2015, 32, 244-257.	8.9	532
8	Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry. Nature, 2011, 477, 203-206.	27.8	509
9	The biology of color. Science, 2017, 357, .	12.6	509
10	optix Drives the Repeated Convergent Evolution of Butterfly Wing Pattern Mimicry. Science, 2011, 333, 1137-1141.	12.6	431
11	Speciation by hybridization in Heliconius butterflies. Nature, 2006, 441, 868-871.	27.8	412
12	Genomic architecture and introgression shape a butterfly radiation. Science, 2019, 366, 594-599.	12.6	365
13	Adaptive Introgression across Species Boundaries in Heliconius Butterflies. PLoS Genetics, 2012, 8, e1002752.	3.5	319
14	Genomic islands of divergence in hybridizing Heliconius butterflies identified by large-scale targeted sequencing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 343-353.	4.0	294
15	Supergenes and their role in evolution. Heredity, 2014, 113, 1-8.	2.6	274
16	Linkage Mapping and Comparative Genomics Using Next-Generation RAD Sequencing of a Non-Model Organism. PLoS ONE, 2011, 6, e19315.	2.5	270
17	Recombination rate variation shapes barriers to introgression across butterfly genomes. PLoS Biology, 2019, 17, e2006288.	5.6	253
18	Diversification of complex butterfly wing patterns by repeated regulatory evolution of a Wnt ligand. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12632-12637.	7.1	244

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19	A Conserved Supergene Locus Controls Colour Pattern Diversity in Heliconius Butterflies. PLoS Biology, 2006, 4, e303.	5.6	242
20	Parallel Evolution of Bacillus thuringiensis Toxin Resistance in Lepidoptera. Genetics, 2011, 189, 675-679.	2.9	239
21	Polarized light as a butterfly mating signal. Nature, 2003, 423, 31-32.	27.8	235
22	Limited performance of DNA barcoding in a diverse community of tropical butterflies. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2881-2889.	2.6	233
23	Estimation of the Spontaneous Mutation Rate in Heliconius melpomene. Molecular Biology and Evolution, 2015, 32, 239-243.	8.9	220
24	The gene cortex controls mimicry and crypsis in butterflies and moths. Nature, 2016, 534, 106-110.	27.8	212
25	Multilocus Species Trees Show the Recent Adaptive Radiation of the Mimetic Heliconius Butterflies. Systematic Biology, 2015, 64, 505-524.	5.6	204
26	Disruptive sexual selection against hybrids contributes to speciation between Heliconius cydno and Heliconius melpomene. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1849-1854.	2.6	189
27	Interpreting the genomic landscape of introgression. Current Opinion in Genetics and Development, 2017, 47, 69-74.	3.3	186
28	Landscape features affect gene flow of Scottish Highland red deer (Cervus elaphus). Molecular Ecology, 2008, 17, 981-996.	3.9	182
29	Complex modular architecture around a simple toolkit of wing pattern genes. Nature Ecology and Evolution, 2017, 1, 52.	7.8	179
30	The butterfly Danaus chrysippus is infected by a male-killing Spiroplasma bacterium. Parasitology, 2000, 120, 439-446.	1.5	162
31	Genomeâ€wide patterns of divergence and gene flow across a butterfly radiation. Molecular Ecology, 2013, 22, 814-826.	3.9	160
32	Phylogenetic Discordance at the Species Boundary: Comparative Gene Genealogies Among Rapidly Radiating Heliconius Butterflies. Molecular Biology and Evolution, 2002, 19, 2176-2190.	8.9	156
33	Female Behaviour Drives Expression and Evolution of Gustatory Receptors in Butterflies. PLoS Genetics, 2013, 9, e1003620.	3.5	154
34	What initiates speciation in passion-vine butterflies?. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8628-8633.	7.1	150
35	Major Improvements to the Heliconius melpomene Genome Assembly Used to Confirm 10 Chromosome Fusion Events in 6ÂMillion Years of Butterfly Evolution. G3: Genes, Genomes, Genetics, 2016, 6, 695-708.	1.8	149
36	The diversification of Heliconius butterflies: what have we learned in 150 years?. Journal of Evolutionary Biology, 2015, 28, 1417-1438.	1.7	144

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37	Disruptive ecological selection on a mating cue. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4907-4913.	2.6	143
38	Out of the Andes: patterns of diversification in clearwing butterflies. Molecular Ecology, 2009, 18, 1716-1729.	3.9	140
39	Do pollen feeding, pupal-mating and larval gregariousness have a single origin in Heliconius butterflies? Inferences from multilocus DNA sequence data. Biological Journal of the Linnean Society, 2007, 92, 221-239.	1.6	138
40	Macroevolutionary shifts of WntA function potentiate butterfly wing-pattern diversity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10701-10706.	7.1	137
41	Evolutionary Novelty in a Butterfly Wing Pattern through Enhancer Shuffling. PLoS Biology, 2016, 14, e1002353.	5.6	136
42	Mutualistic Interactions Drive Ecological Niche Convergence in a Diverse Butterfly Community. PLoS Biology, 2008, 6, e300.	5.6	130
43	A golden age for evolutionary genetics? Genomic studies of adaptation in natural populations. Trends in Genetics, 2010, 26, 484-492.	6.7	127
44	Alternative splicing as a source of phenotypic diversity. Nature Reviews Genetics, 2022, 23, 697-710.	16.3	120
45	Mimicry and the evolution of premating isolation in Heliconius melpomene Linnaeus. Journal of Evolutionary Biology, 2004, 17, 680-691.	1.7	119
46	Ecological Speciation in Mimetic Butterflies. BioScience, 2008, 58, 541-548.	4.9	119
47	Towards the identification of the loci of adaptive evolution. Methods in Ecology and Evolution, 2015, 6, 445-464.	5.2	115
48	Evolution of the Insect Yellow Gene Family. Molecular Biology and Evolution, 2011, 28, 257-272.	8.9	114
49	Population genomics of parallel hybrid zones in the mimetic butterflies, H. melpomene and H. erato. Genome Research, 2014, 24, 1316-1333.	5.5	114
50	Polyphyly and gene flow between non-sibling Heliconius species. BMC Biology, 2006, 4, 11.	3.8	113
51	Mimicry: developmental genes that contribute to speciation. Evolution & Development, 2003, 5, 269-280.	2.0	112
52	A Genetic Linkage Map of the Mimetic Butterfly Heliconius melpomene. Genetics, 2005, 171, 557-570.	2.9	111
53	Hybrid Sterility, Haldane's Rule and Speciation in Heliconius cydno and H. melpomene. Genetics, 2002, 161, 1517-1526.	2.9	111
54	Mis-Spliced Transcripts of Nicotinic Acetylcholine Receptor Î±6 Are Associated with Field Evolved Spinosad Resistance in Plutella xylostella (L.). PLoS Genetics, 2010, 6, e1000802.	3.5	110

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55	Hybrid trait speciation andHeliconiusbutterflies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3047-3054.	4.0	108
56	Pervasive genetic associations between traits causing reproductive isolation inHeliconiusbutterflies. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 511-518.	2.6	106
57	Wing patterning gene redefines the mimetic history of Heliconius butterflies. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19666-19671.	7.1	104
58	Synteny and Chromosome Evolution in the Lepidoptera: Evidence From Mapping in Heliconius melpomene. Genetics, 2007, 177, 417-426.	2.9	101
59	MATE PREFERENCE ACROSS THE SPECIATION CONTINUUM IN A CLADE OF MIMETIC BUTTERFLIES. Evolution; International Journal of Organic Evolution, 2011, 65, 1489-1500.	2.3	101
60	Heliconius wing patterns: an evo-devo model for understanding phenotypic diversity. Heredity, 2006, 97, 157-167.	2.6	100
61	Genomic Hotspots for Adaptation: The Population Genetics of MÃ¼llerian Mimicry in Heliconius erato. PLoS Genetics, 2010, 6, e1000796.	3.5	99
62	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. Evolution; International Journal of Organic Evolution, 2001, 55, 1631-1638.	2.3	98
63	Patterns of pollen feeding and habitat preference among Heliconius species. Ecological Entomology, 2002, 27, 448-456.	2.2	97
64	Genomic Hotspots for Adaptation: The Population Genetics of MÃ¼llerian Mimicry in the Heliconius melpomene Clade. PLoS Genetics, 2010, 6, e1000794.	3.5	97
65	ASSORTATIVE MATING PREFERENCES AMONG HYBRIDS OFFERS A ROUTE TO HYBRID SPECIATION. Evolution; International Journal of Organic Evolution, 2009, 63, 1660-1665.	2.3	96
66	patternize: An R package for quantifying colour pattern variation. Methods in Ecology and Evolution, 2018, 9, 390-398.	5.2	96
67	Natural Selection and Genetic Diversity in the Butterfly Heliconius melpomene. Genetics, 2016, 203, 525-541.	2.9	94
68	ButterflyBase: a platform for lepidopteran genomics. Nucleic Acids Research, 2007, 36, D582-D587.	14.5	90
69	Genetic Evidence for Hybrid Trait Speciation in Heliconius Butterflies. PLoS Genetics, 2010, 6, e1000930.	3.5	90
70	No evidence for maintenance of a sympatricHeliconiusspecies barrier by chromosomal inversions. Evolution Letters, 2017, 1, 138-154.	3.3	90
71	The genomics of coloration provides insights into adaptive evolution. Nature Reviews Genetics, 2020, 21, 461-475.	16.3	88
72	The maintenance of species differences across a Heliconius hybrid zone. Heredity, 1997, 79, 495-505.	2.6	87

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73	Interspecific sexual attraction because of convergence in warning colouration: is there a conflict between natural and sexual selection in mimetic species?. Journal of Evolutionary Biology, 2008, 21, 749-760.	1.7	84
74	Convergent Evolution in the Genetic Basis of Mul̀ˆllerian Mimicry in Heliconius Butterflies. Genetics, 2008, 180, 1567-1577.	2.9	79
75	Genetic dissection of assortative mating behavior. PLoS Biology, 2019, 17, e2005902.	5.6	79
76	Male sex pheromone components in Heliconius butterflies released by the androconia affect female choice. PeerJ, 2017, 5, e3953.	2.0	79
77	The genetic basis of an adaptive radiation: warning colour in two Heliconius species. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1167-1175.	2.6	78
78	What can hybrid zones tell us about speciation? The case ofHeliconius eratoandH. himera(Lepidoptera: Nymphalidae). Biological Journal of the Linnean Society, 1996, 59, 221-242.	1.6	76
79	Characterization of a hotspot for mimicry: assembly of a butterfly wing transcriptome to genomic sequence at the HmYb/Sb locus. Molecular Ecology, 2010, 19, 240-254.	3.9	70
80	Evolution of novel mimicry rings facilitated by adaptive introgression in tropical butterflies. Molecular Ecology, 2017, 26, 5160-5172.	3.9	70
81	Patterns of Z chromosome divergence among Heliconius species highlight the importance of historical demography. Molecular Ecology, 2018, 27, 3852-3872.	3.9	69
82	Waiting in the wings: what can we learn about gene co-option from the diversification of butterfly wing patterns?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150485.	4.0	67
83	THE PHYLOGENETIC PATTERN OF SPECIATION AND WING PATTERN CHANGE IN NEOTROPICALITHOMIABUTTERFLIES (LEPIDOPTERA: NYMPHALIDAE). Evolution; International Journal of Organic Evolution, 2006, 60, 1454-1466.	2.3	64
84	Adaptive Introgression across Semipermeable Species Boundaries between Local Helicoverpa zea and Invasive Helicoverpa armigera Moths. Molecular Biology and Evolution, 2020, 37, 2568-2583.	8.9	64
85	Maintaining mimicry diversity: optimal warning colour patterns differ among microhabitats in Amazonian clearwing butterflies. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170744.	2.6	60
86	Selective sweeps on novel and introgressed variation shape mimicry loci in a butterfly adaptive radiation. PLoS Biology, 2020, 18, e3000597.	5.6	60
87	First-generation linkage map of the warningly colored butterfly Heliconius erato. Heredity, 2005, 94, 408-417.	2.6	58
88	A hybrid zone provides evidence for incipient ecological speciation inHeliconiusbutterflies. Molecular Ecology, 2008, 17, 4699-4712.	3.9	57
89	Insights into invasive species from wholeâ€genome resequencing. Molecular Ecology, 2021, 30, 6289-6308.	3.9	56
90	Interplay between Developmental Flexibility and Determinism in the Evolution of Mimetic Heliconius Wing Patterns. Current Biology, 2019, 29, 3996-4009.e4.	3.9	55

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91	Molecular systematics of the butterfly genus Ithomia (Lepidoptera: Ithomiinae): a composite phylogenetic hypothesis based on seven genes. Molecular Phylogenetics and Evolution, 2005, 34, 625-644.	2.7	54
92	Two sisters in the same dress: Heliconius cryptic species. BMC Evolutionary Biology, 2008, 8, 324.	3.2	54
93	Sex Chromosome Dosage Compensation inHeliconiusButterflies: Global yet Still Incomplete?. Genome Biology and Evolution, 2015, 7, 2545-2559.	2.5	54
94	What shapes the continuum of reproductive isolation? Lessons fromHeliconiusbutterflies. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170335.	2.6	54
95	Mutualistic Mimicry and Filtering by Altitude Shape the Structure of Andean Butterfly Communities. American Naturalist, 2014, 183, 26-39.	2.1	52
96	Into the Andes: multiple independent colonizations drive montane diversity in the Neotropical clearwing butterflies Godyridina. Molecular Ecology, 2016, 25, 5765-5784.	3.9	52
97	Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in Heliconius butterflies. BMC Genomics, 2008, 9, 345.	2.8	51
98	North Andean origin and diversification of the largest ithomiine butterfly genus. Scientific Reports, 2017, 7, 45966.	3.3	48
99	Butterfly speciation and the distribution of gene effect sizes fixed during adaptation. Heredity, 2009, 102, 57-65.	2.6	46
100	An impedance-based integrated biosensor for suspended DNA characterization. Scientific Reports, 2013, 3, 2730.	3.3	46
101	Ecological and genetic factors influencing the transition between hostâ€use strategies in sympatric <scp>Heliconius</scp> butterflies. Journal of Evolutionary Biology, 2013, 26, 1959-1967.	1.7	46
102	Peace in Colombia is a critical moment for Neotropical connectivity and conservation: Save the northern Andesâ€“Amazon biodiversity bridge. Conservation Letters, 2019, 12, e12594.	5.7	46
103	Haplotype tagging reveals parallel formation of hybrid races in two butterfly species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	46
104	Multiple sources of reproductive isolation in a bimodal butterfly hybrid zone. Journal of Evolutionary Biology, 2010, 23, 1312-1320.	1.7	45
105	Characterisation and expression of microRNAs in developing wings of the neotropical butterfly Heliconius melpomene. BMC Genomics, 2011, 12, 62.	2.8	44
106	Whole-chromosome hitchhiking driven by a male-killing endosymbiont. PLoS Biology, 2020, 18, e3000610.	5.6	44
107	Shared and divergent expression domains on mimeticHeliconiuswings. Evolution & Development, 2009, 11, 498-512.	2.0	43
108	Microclimate buffering and thermal tolerance across elevations in a tropical butterfly. Journal of Experimental Biology, 2020, 223, .	1.7	41

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109	Comparative genomics of the mimicry switch inPapilio dardanus. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140465.	2.6	40
110	Cortex cis-regulatory switches establish scale colour identity and pattern diversity in Heliconius. ELife, 2021, 10, .	6.0	40
111	Hybrid incompatibility is consistent with a hybrid origin of Heliconius heurippa Hewitson from its close relatives, Heliconius cydno Doubleday and Heliconius melpomene Linnaeus. Journal of Evolutionary Biology, 2004, 18, 247-256.	1.7	39
112	Sympatric Speciation: Why the Controversy?. Current Biology, 2006, 16, R333-R334.	3.9	39
113	Standing and flowing: the complex origins of adaptive variation. Molecular Ecology, 2014, 23, 3935-3937.	3.9	39
114	The transcriptome response of Heliconius melpomene larvae to a novel host plant. Molecular Ecology, 2016, 25, 4850-4865.	3.9	39
115	Genome-wide analysis of ionotropic receptors provides insight into their evolution in Heliconius butterflies. BMC Genomics, 2016, 17, 254.	2.8	38
116	Genomic tools and cDNA derived markers for butterflies. Molecular Ecology, 2005, 14, 2883-2897.	3.9	37
117	Evaluating female remating rates in light of spermatophore degradation in Heliconius butterflies: pupalâ€mating monandry versus adultâ€mating polyandry. Ecological Entomology, 2012, 37, 257-268.	2.2	37
118	Genetic diversity and population structure of Scottish Highland red deer (Cervus elaphus) populations: a mitochondrial survey. Heredity, 2009, 102, 199-210.	2.6	36
119	Convergent, modular expression of ebony and tan in the mimetic wing patterns of Heliconius butterflies. Development Genes and Evolution, 2011, 221, 297-308.	0.9	36
120	The Scent Chemistry of Heliconius Wing Androconia. Journal of Chemical Ecology, 2017, 43, 843-857.	1.8	36
121	Evolution: Mimicry meets the mitochondrion. Current Biology, 1996, 6, 937-940.	3.9	35
122	Colour pattern specification in the Mocker swallowtail Papilio dardanus : the transcription factor invected is a candidate for the mimicry locus H. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1181-1188.	2.6	35
123	Male pheromone composition depends on larval but not adult diet in Heliconius melpomene. Ecological Entomology, 2019, 44, 397-405.	2.2	35
124	Rapidly Shifting Sex Ratio across a Species Range. Current Biology, 2009, 19, 1628-1631.	3.9	34
125	Avoidance of an aposematically coloured butterfly by wild birds in a tropical forest. Ecological Entomology, 2016, 41, 627-632.	2.2	34
126	Evolution of a mimicry supergene from a multilocus architecture. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 316-325.	2.6	33

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127	The appearance of mimetic Heliconius butterflies to predators and conspecifics. Evolution; International Journal of Organic Evolution, 2018, 72, 2156-2166.	2.3	33
128	Chemical signals act as the main reproductive barrier between sister and mimetic Heliconius butterflies. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200587.	2.6	33
129	Conserved ancestral tropical niche but different continental histories explain the latitudinal diversity gradient in brush-footed butterflies. Nature Communications, 2021, 12, 5717.	12.8	33
130	ESTIMATING THE MATING BEHAVIOR OF A PAIR OF HYBRIDIZING HELICONIUS SPECIES IN THE WILD. Evolution; International Journal of Organic Evolution, 1998, 52, 503-510.	2.3	32
131	Variable extent of sex-biased dispersal in a strongly polygynous mammal. Molecular Ecology, 2010, 19, 3101-3113.	3.9	32
132	Sexually dimorphic gene expression and transcriptome evolution provide mixed evidence for a fastâ€Z effect in Heliconius. Journal of Evolutionary Biology, 2019, 32, 194-204.	1.7	31
133	Species specificity and intraspecific variation in the chemical profiles of Heliconius butterflies across a large geographic range. Ecology and Evolution, 2020, 10, 3895-3918.	1.9	31
134	Rampant Genome-Wide Admixture across theHeliconiusRadiation. Genome Biology and Evolution, 2021, 13, .	2.5	31
135	Gene flow and the genealogical history of Heliconius heurippa. BMC Evolutionary Biology, 2008, 8, 132.	3.2	30
136	Butterfly Learning and the Diversification of Plant Leaf Shape. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	29
137	A novel terpene synthase controls differences in anti-aphrodisiac pheromone production between closely related Heliconius butterflies. PLoS Biology, 2021, 19, e3001022.	5.6	29
138	Speciation in the apple maggot fly: a blend of vintages?. Trends in Ecology and Evolution, 2004, 19, 111-114.	8.7	28
139	The Evolution of Sex Ratio Distorter Suppression Affects a 25 cM Genomic Region in the Butterfly Hypolimnas bolina. PLoS Genetics, 2014, 10, e1004822.	3.5	27
140	Altitude and lifeâ€history shape the evolution ofHeliconiuswings. Evolution; International Journal of Organic Evolution, 2019, 73, 2436-2450.	2.3	27
141	Host plant adaptation has not played a role in the recent speciation of Heliconius himera and Heliconius erato. Ecological Entomology, 1997, 22, 361-365.	2.2	25
142	An introgressed wing pattern acts as a mating cue. Evolution; International Journal of Organic Evolution, 2015, 69, 1619-1629.	2.3	25
143	Divergence of chemosensing during the early stages of speciation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16438-16447.	7.1	25
144	Pollen feeding proteomics: Salivary proteins of the passion flower butterfly, Heliconius melpomene. Insect Biochemistry and Molecular Biology, 2015, 63, 7-13.	2.7	24

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145	Visual mate preference evolution during butterfly speciation is linked to neural processing genes. Nature Communications, 2020, 11, 4763.	12.8	24
146	Deep mitochondrial divergence within a Heliconius butterfly species is not explained by cryptic speciation or endosymbiotic bacteria. BMC Evolutionary Biology, 2011, 11, 358.	3.2	23
147	Conservation and flexibility in the gene regulatory landscape of heliconiine butterfly wings. EvoDevo, 2019, 10, 15.	3.2	22
148	Estimating the Mating Behavior of a Pair of Hybridizing Heliconius Species in the Wild. Evolution; International Journal of Organic Evolution, 1998, 52, 503.	2.3	21
149	A haplotype-resolved,de novogenome assembly for the wood tiger moth (Arctia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	6.4	20
150	Glittering gold and the quest for Isla de Muerta. Journal of Evolutionary Biology, 2017, 30, 1509-1511.	1.7	19
151	A major locus controls a biologically active pheromone component in Heliconius melpomene. Evolution; International Journal of Organic Evolution, 2020, 74, 349-364.	2.3	19
152	Genetic evidence for a sibling species of Heliconius charithonia (Lepidoptera; Nymphalidae). Biological Journal of the Linnean Society, 1998, 64, 57-67.	1.6	17
153	Behavioral and Physiological Differences between Two Parapatric Heliconius Species1. Biotropica, 1999, 31, 661-668.	1.6	17
154	THE PHYLOGENETIC PATTERN OF SPECIATION AND WING PATTERN CHANGE IN NEOTROPICAL ITHOMIA BUTTERFLIES (LEPIDOPTERA: NYMPHALIDAE). Evolution; International Journal of Organic Evolution, 2006, 60, 1454.	2.3	17
155	Ecologically relevant cryptic species in the highly polymorphic Amazonian butterfly Mechanitis mazaeusâ€ƒs.l. (Lepidoptera: Nymphalidae; Ithomiini). Biological Journal of the Linnean Society, 2012, 106, 540-560.	1.6	17
156	The dynamics of cyanide defences in the life cycle of an aposematic butterfly: Biosynthesis versus sequestration. Insect Biochemistry and Molecular Biology, 2020, 116, 103259.	2.7	17
157	Adaptive dynamics: is speciation too easy?. Trends in Ecology and Evolution, 2000, 15, 225-226.	8.7	16
158	The comparative landscape of duplications in Heliconius melpomene and Heliconius cydno. Heredity, 2017, 118, 78-87.	2.6	15
159	Assessing genotype-phenotype associations in three dorsal colour morphs in the meadow spittlebug Philaenus spumarius (L.) (Hemiptera: Aphrophoridae) using genomic and transcriptomic resources. BMC Genetics, 2016, 17, 144.	2.7	14
160	SEX-LINKED HYBRID STERILITY IN A BUTTERFLY. Evolution; International Journal of Organic Evolution, 2001, 55, 1631.	2.3	13
161	Comparative population genetics of a mimicry locus among hybridizing Heliconius butterfly species. Heredity, 2011, 107, 200-204.	2.6	13
162	Deep Convergence, Shared Ancestry, and Evolutionary Novelty in the Genetic Architecture of Heliconius Mimicry. Genetics, 2020, 216, 765-780.	2.9	13

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163	The maintenance of species differences across a Heliconius hybrid zone. Heredity, 1997, 79, 495-505.	2.6	13
164	Suppression ofWolbachia-mediated male-killing in the butterflyHypolimnas bolinainvolves a single genomic region. PeerJ, 2019, 7, e7677.	2.0	13
165	The evolutionary genetics of highly divergent alleles of the mimicry locus in Papilio dardanus. BMC Evolutionary Biology, 2014, 14, 140.	3.2	12
166	Hybridization and transgressive exploration of colour pattern and wing morphology in Heliconius butterflies. Journal of Evolutionary Biology, 2020, 33, 942-956.	1.7	12
167	Phenotypic plasticity in chemical defence of butterflies allows usage of diverse host plants. Biology Letters, 2021, 17, 20200863.	2.3	12
168	Phylogenetic community ecology needs to take positive interactions into account. Communicative and Integrative Biology, 2009, 2, 113-116.	1.4	11
169	MÃ¼llerian Mimicry: Sharing the Load Reduces the Legwork. Current Biology, 2009, 19, R687-R689.	3.9	11
170	A new subspecies in a Heliconius butterfly adaptive radiation (Lepidoptera: Nymphalidae). Zoological Journal of the Linnean Society, 2017, 180, 805-818.	2.3	11
171	Identification and Composition of Clasper Scent Gland Components of the Butterfly Heliconius erato and Its Relation to Mimicry. ChemBioChem, 2021, 22, 3300-3313.	2.6	10
172	Can genomics shed light on the origin of species?. PLoS Biology, 2019, 17, e3000394.	5.6	9
173	Population structure, adaptation and divergence of the meadow spittlebug, Philaenus spumarius (Hemiptera, Aphrophoridae), revealed by genomic and morphological data. PeerJ, 2021, 9, e11425.	2.0	9
174	Clustering of loci controlling species differences in male chemical bouquets of sympatric Heliconius butterflies. Ecology and Evolution, 2021, 11, 89-107.	1.9	9
175	Neighboring genes shaping a single adaptive mimetic trait. Evolution & Development, 2014, 16, 3-12.	2.0	8
176	Genomics of altitudeâ€associated wing shape in two tropical butterflies. Molecular Ecology, 2021, 30, 6387-6402.	3.9	8
177	Partial Complementarity of the Mimetic Yellow Bar Phenotype in Heliconius Butterflies. PLoS ONE, 2012, 7, e48627.	2.5	7
178	Evolutionary and ecological processes influencing chemical defense variation in an aposematic and mimetic Heliconius butterfly. PeerJ, 2021, 9, e11523.	2.0	7
179	A Narrow Heliconius cydno (Nymphalidae; Heliconiini) Hybrid Zone With Differences in Morph Sex Ratios¹. Biotropica, 2005, 37, 119-128.	1.6	6
180	How do predators generalize warning signals in simple and complex prey communities? Insights from a videogame. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200014.	2.6	6

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