

Genomics and the origin of species

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Why evolutionary biologists should get seriously involved in ecological monitoring and applied biodiversity assessment programs. <i>Evolutionary Applications</i> , 2014, 7, 968-983.	1.5	45
2	Preface: Speciation research in ancient lakes—Classic concepts and new approaches. <i>Hydrobiologia</i> , 2014, 739, 1-6.	1.0	5
3	Trajectory and genomic determinants of fungal-pathogen speciation and host adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16796-16801.	3.3	246
4	The modality of nine <i>Triturus</i> newt hybrid zones assessed with nuclear, mitochondrial and morphological data. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 604-622.	0.7	57
5	Species integrity in trees. <i>Molecular Ecology</i> , 2014, 23, 4188-4191.	2.0	7
6	Right for the Wrong Reasons. <i>Current Anthropology</i> , 2014, 55, 696-724.	0.8	19
7	Advances in Ecological Speciation: an integrative approach. <i>Molecular Ecology</i> , 2014, 23, 513-521.	2.0	63
8	Useful insights from evolutionary biology for developing perennial grain crops ¹ . <i>American Journal of Botany</i> , 2014, 101, 1801-1819.	0.8	39
9	Do the same genes underlie parallel phenotypic divergence in different <i>Littorina saxatilis</i> populations?. <i>Molecular Ecology</i> , 2014, 23, 4603-4616.	2.0	73
10	WIDESPREAD HOST-DEPENDENT HYBRID UNFITNESS IN THE PEA APHID SPECIES COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2983-2995.	1.1	28
11	Hybrid speciation through sorting of parental incompatibilities in Italian sparrows. <i>Molecular Ecology</i> , 2014, 23, 5831-5842.	2.0	60
12	Genomic atolls of differentiation in coral reef fishes (<i>Hypoplectrus</i> spp.), <i>Trends in Ecology and Evolution</i> , 2014, 29, 107-114.	2.0	50
13	Models of Speciation: Where Are We Now?. <i>Journal of Heredity</i> , 2014, 105, 743-755.	1.0	83
14	Catastrophes in evolution: Is Cuvier's world extinct or extant?. <i>Evolutionary Anthropology</i> , 2014, 23, 130-135.	1.7	0
15	Evolution and genetic diversity of Theileria. <i>Infection, Genetics and Evolution</i> , 2014, 27, 250-263.	1.0	182
16	Chromosomal rearrangements directly cause underdominant F ₁ pollen sterility in <i>Mimulus lewisii</i> – <i>Mimulus cardinalis</i> hybrids. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3109-3119.	1.1	50
17	Genome scans and elusive candidate genes: detecting the variation that matters for speciation. <i>Molecular Ecology</i> , 2014, 23, 4677-4678.	2.0	2
18	Butterfly genomics sheds light on the process of hybrid speciation. <i>Molecular Ecology</i> , 2014, 23, 4441-4443.	2.0	4

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19	A role for migration-linked genes and genomic islands in divergence of a songbird. <i>Molecular Ecology</i> , 2014, 23, 4757-4769.	2.0	90
20	Genetics of ecological divergence during speciation. <i>Nature</i> , 2014, 511, 307-311.	13.7	264
21	How carrion and hooded crows defeat Linnaeus's curse. <i>Science</i> , 2014, 344, 1345-1346.	6.0	11
22	Models of Selection, Isolation, and Gene Flow in Speciation. <i>Biological Bulletin</i> , 2014, 227, 133-145.	0.7	2
23	Genomic studies on the nature of species: adaptation and speciation in <i>Mimulus</i> . <i>Molecular Ecology</i> , 2015, 24, 2601-2609.	2.0	32
24	Signatures of selection in the three-spined stickleback along a small-scale brackish water to freshwater transition zone. <i>Ecology and Evolution</i> , 2015, 5, 4174-4186.	0.8	24
25	The origins of reproductive isolation in plants. <i>New Phytologist</i> , 2015, 207, 968-984.	3.5	288
26	Postmating reproductive barriers contribute to the incipient sexual isolation of the United States and Caribbean <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2015, 5, 3171-3182.	0.8	14
27	Molecular tools and bumble bees: revealing hidden details of ecology and evolution in a model system. <i>Molecular Ecology</i> , 2015, 24, 2916-2936.	2.0	64
28	The locus of sexual selection: moving sexual selection studies into the post-genomics era. <i>Journal of Evolutionary Biology</i> , 2015, 28, 739-755.	0.8	69
29	The infrageneric taxonomy of <i>Chaerophyllum</i> (Apiaceae) revisited: new evidence from nuclear ribosomal DNA ITS sequences and fruit anatomy. <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 298-313.	0.8	12
30	Hybrid "superswarm" leads to rapid divergence and establishment of populations during a biological invasion. <i>Molecular Ecology</i> , 2015, 24, 5394-5411.	2.0	29
31	Low reproductive isolation and highly variable levels of gene flow reveal limited progress towards speciation between European river and brook lampreys. <i>Journal of Evolutionary Biology</i> , 2015, 28, 2248-2263.	0.8	35
32	Speciation genomics and a role for the Z chromosome in the early stages of divergence between Mexican ducks and mallards. <i>Molecular Ecology</i> , 2015, 24, 5364-5378.	2.0	70
33	An introgressed wing pattern acts as a mating cue. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1619-1629.	1.1	25
34	The genetic architecture of hybrid incompatibilities and their effect on barriers to introgression in secondary contact. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1987-2004.	1.1	85
35	Beyond magic traits: Multimodal mating cues in <i>Heliconius</i> butterflies. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2891-2904.	1.1	76
36	Maintenance of species boundaries in a Neotropical radiation of <i>Begonia</i> . <i>Molecular Ecology</i> , 2015, 24, 4982-4993.	2.0	29

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37	Simple Biophysical Model Predicts Faster Accumulation of Hybrid Incompatibilities in Small Populations Under Stabilizing Selection. <i>Genetics</i> , 2015, 201, 1525-1537.	1.2	14
38	Divergence and evolution of reproductive barriers among three allopatric populations of <i>Rhagoletis cingulata</i> across eastern North America and Mexico. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 156, 301-311.	0.7	18
39	Alleles versus mutations: Understanding the evolution of genetic architecture requires a molecular perspective on allelic origins. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3025-3038.	1.1	44
40	Clusters of incompatible genotypes evolve with limited dispersal. <i>Frontiers in Genetics</i> , 2015, 6, 151.	1.1	6
41	Differentially expressed genes match bill morphology and plumage despite largely undifferentiated genomes in a Holarctic songbird. <i>Molecular Ecology</i> , 2015, 24, 3009-3025.	2.0	82
42	Functional Organization of the Genome May Shape the Species Boundary in the House Mouse. <i>Molecular Biology and Evolution</i> , 2015, 32, 1208-1220.	3.5	65
43	Speciation in seabirds: why are there so many species and why aren't there more?. <i>Journal of Ornithology</i> , 2015, 156, 27-39.	0.5	79
44	The danger within: the role of genetic, behavioural and ecological factors in population persistence of colour polymorphic species. <i>Molecular Ecology</i> , 2015, 24, 2907-2915.	2.0	27
45	Wax, sex and the origin of species: Dual roles of insect cuticular hydrocarbons in adaptation and mating. <i>BioEssays</i> , 2015, 37, 822-830.	1.2	237
46	Linked selection and recombination rate variation drive the evolution of the genomic landscape of differentiation across the speciation continuum of <i>Ficedula</i> flycatchers. <i>Genome Research</i> , 2015, 25, 1656-1665.	2.4	385
47	Personalized Medicine for Sepsis. <i>American Journal of the Medical Sciences</i> , 2015, 350, 409-413.	0.4	17
48	Sympatric Differentiation and Speciation: Insights from <i>Drosophila</i> Studies. , 2015, , 107-140.		1
49	Dynamics of Copy Number Variation in Host Races of the Pea Aphid. <i>Molecular Biology and Evolution</i> , 2015, 32, 63-80.	3.5	55
50	Strong premating reproductive isolation drives incipient speciation in <i>Mimulus aurantiacus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 447-461.	1.1	104
51	Convergent evolution of the genomes of marine mammals. <i>Nature Genetics</i> , 2015, 47, 272-275.	9.4	392
52	Genomic patterns of species diversity and divergence in <i>Eucalyptus</i> . <i>New Phytologist</i> , 2015, 206, 1378-1390.	3.5	20
53	Reproductive isolation in a nascent species pair is associated with aneuploidy in hybrid offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142862.	1.2	27
54	Selection on outlier loci and their association with adaptive phenotypes in <i>Littorina saxatilis</i> contact zones. <i>Journal of Evolutionary Biology</i> , 2015, 28, 328-337.	0.8	18

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55	Genetic evidence for ecological divergence in kokanee salmon. <i>Molecular Ecology</i> , 2015, 24, 798-811.	2.0	57
56	Islands as model systems in ecology and evolution: prospects fifty years after MacArthur&Wilson. <i>Ecology Letters</i> , 2015, 18, 200-217.	3.0	356
57	Genomics of Divergence along a Continuum of Parapatric Population Differentiation. <i>PLoS Genetics</i> , 2015, 11, e1004966.	1.5	135
59	Reproductive Isolation of Hybrid Populations Driven by Genetic Incompatibilities. <i>PLoS Genetics</i> , 2015, 11, e1005041.	1.5	93
60	Experimental Swap of <i>Anopheles gambiae</i> 's Assortative Mating Preferences Demonstrates Key Role of X-Chromosome Divergence Island in Incipient Sympatric Speciation. <i>PLoS Genetics</i> , 2015, 11, e1005141.	1.5	34
61	Phylogeography of <i>Haplocarpha rueppelii</i> (Asteraceae) suggests a potential geographic barrier for plant dispersal and gene flow in East Africa. <i>Science Bulletin</i> , 2015, 60, 1184-1192.	4.3	8
62	Ecological speciation in the tropics: insights from comparative genetic studies in Amazonia. <i>Frontiers in Genetics</i> , 2014, 5, 477.	1.1	60
63	Genome-wide patterns of differentiation and spatially varying selection between postglacial recolonization lineages of <i>Populus alba</i> (Salicaceae), a widespread forest tree. <i>New Phytologist</i> , 2015, 207, 723-734.	3.5	40
64	The role of host-specificity in the reproductive isolation of <i>Epichloa</i> endophytes revealed by reciprocal infections. <i>Fungal Ecology</i> , 2015, 15, 29-38.	0.7	13
65	Genome-wide scans reveal cryptic population structure in a dry-adapted eucalypt. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	34
66	Hidden diversity in the freshwater planktonic diatom <i>Asterionella formosa</i> . <i>Molecular Ecology</i> , 2015, 24, 2955-2972.	2.0	22
67	De novo isolation of 17 microsatellite loci for flat periwinkles (<i>Littorina fabalis</i> and <i>L. obtusata</i>) and their application for species discrimination and hybridization studies. <i>Journal of Molluscan Studies</i> , 2015, 81, 421-425.	0.4	7
68	Strong selection on male plumage in a hybrid zone between a hybrid bird species and one of its parents. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1257-1269.	0.8	22
69	Contribution of recombination to the evolutionary history of HIV. <i>Current Opinion in HIV and AIDS</i> , 2015, 10, 84-89.	1.5	40
70	Patterns of Reproductive Isolation in <i>Eucalyptus</i> : A Phylogenetic Perspective. <i>Molecular Biology and Evolution</i> , 2015, 32, 1833-1846.	3.5	56
71	Limited effective gene flow between two interfertile red oak species. <i>Trees - Structure and Function</i> , 2015, 29, 1135-1148.	0.9	7
72	Sharing of chloroplast haplotypes among red oak species suggests interspecific gene flow between neighboring populations. <i>Botany</i> , 2015, 93, 691-700.	0.5	22
73	Adaptation to Low Salinity Promotes Genomic Divergence in Atlantic Cod (<i>Gadus morhua</i> L.). <i>Genome Biology and Evolution</i> , 2015, 7, 1644-1663.	1.1	167

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74	Population genomic evidence for adaptive differentiation in Baltic Sea three-spined sticklebacks. <i>BMC Biology</i> , 2015, 13, 19.	1.7	122
75	Evolutionary insights from de novo transcriptome assembly and SNP discovery in California white oaks. <i>BMC Genomics</i> , 2015, 16, 552.	1.2	31
76	Resistance and tolerance to foreign elements by prokaryotic immune systems – curating the genome. <i>Nature Reviews Immunology</i> , 2015, 15, 717-724.	10.6	29
77	The relative roles of cultural drift and acoustic adaptation in shaping syllable repertoires of island bird populations change with time since colonization. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 368-380.	1.1	33
78	Extensive unidirectional introgression between two salamander lineages of ancient divergence and its evolutionary implications. <i>Scientific Reports</i> , 2014, 4, 6516.	1.6	16
79	Epigenetic mechanisms of postzygotic reproductive isolation in plants. <i>Current Opinion in Plant Biology</i> , 2015, 23, 39-44.	3.5	49
80	Transcriptome resources for the white-footed mouse (<i>Peromyscus leucopus</i>): new genomic tools for investigating ecologically divergent urban and rural populations. <i>Molecular Ecology Resources</i> , 2015, 15, 382-394.	2.2	52
81	Systems Medicine as an Emerging Tool for Cardiovascular Genetics. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 27.	1.1	8
82	Spatially Heterogeneous Environmental Selection Strengthens Evolution of Reproductively Isolated Populations in a Dobzhansky-Muller System of Hybrid Incompatibility. <i>Frontiers in Genetics</i> , 2016, 7, 209.	1.1	9
83	Patterns of gene flow and selection across multiple species of <i>Acrocephalus</i> warblers: footprints of parallel selection on the Z chromosome. <i>BMC Evolutionary Biology</i> , 2016, 16, 130.	3.2	7
84	Does personality affect premating isolation between locally-adapted populations?. <i>BMC Evolutionary Biology</i> , 2016, 16, 138.	3.2	22
85	Next-Generation Sequencing – An Overview of the History, Tools, and Applications. , 0, , .		94
86	Divergence history of the Carpathian and smooth newts modelled in space and time. <i>Molecular Ecology</i> , 2016, 25, 3912-3928.	2.0	22
87	Genomic heterogeneity of historical gene flow between two species of newts inferred from transcriptome data. <i>Ecology and Evolution</i> , 2016, 6, 4513-4525.	0.8	21
88	Becoming pure: identifying generational classes of admixed individuals within lesser and greater scaup populations. <i>Molecular Ecology</i> , 2016, 25, 661-674.	2.0	37
89	Local interspecies introgression is the main cause of extreme levels of intraspecific differentiation in mussels. <i>Molecular Ecology</i> , 2016, 25, 269-286.	2.0	97
90	Endosperm-based postzygotic hybridization barriers: developmental mechanisms and evolutionary drivers. <i>Molecular Ecology</i> , 2016, 25, 2620-2629.	2.0	114
91	A genomic perspective on hybridization and speciation. <i>Molecular Ecology</i> , 2016, 25, 2337-2360.	2.0	458

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92	Demographic history of speciation in a <i>Senecio</i> altitudinal hybrid zone on Mt. Etna. <i>Molecular Ecology</i> , 2016, 25, 2467-2481.	2.0	43
93	Molecular mechanisms of postmating prezygotic reproductive isolation uncovered by transcriptome analysis. <i>Molecular Ecology</i> , 2016, 25, 2592-2608.	2.0	33
94	The life aquatic: advances in marine vertebrate genomics. <i>Nature Reviews Genetics</i> , 2016, 17, 523-534.	7.7	69
95	Genetic structure of <i>Micromeria</i> (Lamiaceae) in Tenerife, the imprint of geological history and hybridization on within-island diversification. <i>Ecology and Evolution</i> , 2016, 6, 3443-3460.	0.8	21
96	Determining epistatic selection in admixed populations. <i>Molecular Ecology</i> , 2016, 25, 2577-2591.	2.0	49
97	A genes eye view of ontogeny: <i>de novo</i> assembly and profiling of the <i>Gryllus rubens</i> transcriptome. <i>Molecular Ecology Resources</i> , 2016, 16, 1478-1490.	2.2	37
98	Gene flow and diversification in a species complex of <i>Alcantarea</i> inselberg bromeliads. <i>Botanical Journal of the Linnean Society</i> , 2016, 181, 505-520.	0.8	26
99	Preadult life history variation determines adult transcriptome expression. <i>Molecular Ecology</i> , 2016, 25, 741-763.	2.0	6
100	Powerful methods for detecting introgressed regions from population genomic data. <i>Molecular Ecology</i> , 2016, 25, 2387-2397.	2.0	78
101	Targeted resequencing reveals geographical patterns of differentiation for loci implicated in parallel evolution. <i>Molecular Ecology</i> , 2016, 25, 3169-3186.	2.0	27
102	Dynamics of mtDNA introgression during species range expansion: insights from an experimental longitudinal study. <i>Scientific Reports</i> , 2016, 6, 30355.	1.6	37
103	Genetic linkage of distinct adaptive traits in sympatrically speciating crater lake cichlid fish. <i>Nature Communications</i> , 2016, 7, 12736.	5.8	61
104	Mammalian Meiotic Recombination: A Toolbox for Genome Evolution. <i>Cytogenetic and Genome Research</i> , 2016, 150, 1-16.	0.6	38
105	Genomics of Speciation in Temperate and Boreal Angiosperm Trees. <i>Plant Genetics and Genomics: Crops and Models</i> , 2016, , 159-177.	0.3	1
106	Cheirogaleid diversity and evolution: big questions about small primates. , 2016, , 3-20.		6
107	Genomic Signatures of Speciation in Sympatric and Allopatric Hawaiian Picture-Winged <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 1482-1488.	1.1	21
108	A new amplicon based approach of whole mitogenome sequencing for phylogenetic and phylogeographic analysis: An example of East African white-eyes (Aves, Zosteropidae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 74-85.	1.2	9
109	Population genomics of local adaptation versus speciation in coral reef fishes (<i>Hypoplectrus</i> spp.) Tj ETQq1 1 0.784314 rgBT/Overlook	0.8	30

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110	Postmating barriers to hybridization between an island's native eucalypts and an introduced congener. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	0.6	6
111	Variation in Linked Selection and Recombination Drive Genomic Divergence during Allopatric Speciation of European and American Aspens. <i>Molecular Biology and Evolution</i> , 2016, 33, 1754-1767.	3.5	83
112	Can IVF influence human evolution?: TableÂl. <i>Human Reproduction</i> , 2016, 31, 1397-1402.	0.4	26
113	Current Trends in Wildlife Research. <i>Wildlife Research Monographs</i> , 2016, , .	0.4	4
114	A conceptual model of new hypothesis on the evolution of biodiversity. <i>Biologia (Poland)</i> , 2016, 71, 343-351.	0.8	25
115	High-Throughput DNA Sequencing and the Next Generation of Molecular Markers in Wildlife Research. <i>Wildlife Research Monographs</i> , 2016, , 201-223.	0.4	4
116	Strong reproductive isolation and narrow genomic tracts of differentiation among three woodpecker species in secondary contact. <i>Molecular Ecology</i> , 2016, 25, 4247-4266.	2.0	28
117	The cryptic origins of evolutionary novelty: 1000-fold faster trophic diversification rates without increased ecological opportunity or hybrid swarm. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2504-2519.	1.1	33
118	Divergent natural selection drives the evolution of reproductive isolation in an Australian wildflower. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1993-2003.	1.1	25
119	Assortative mating and divergent male courtship behaviours between two cryptic species of nine-spined sticklebacks (genus <i>Pungitius</i>). <i>Behaviour</i> , 2016, 153, 1879-1911.	0.4	8
120	Population genomics of divergence within an obligate pollination mutualism: Selection maintains differences between Joshua tree species. <i>American Journal of Botany</i> , 2016, 103, 1730-1741.	0.8	31
121	Distinguishing contemporary hybridization from past introgression with postgenomic ancestry-informative <sc>SNP</sc>s in strongly differentiated <i>Ciona</i> species. <i>Molecular Ecology</i> , 2016, 25, 5527-5542.	2.0	50
122	Both morphâ€and speciesâ€dependent asymmetries affect reproductive barriers between heterostylous species. <i>Ecology and Evolution</i> , 2016, 6, 6223-6244.	0.8	25
123	The association of feeding behaviour with the resistance and tolerance to parasites in recently diverged sticklebacks. <i>Journal of Evolutionary Biology</i> , 2016, 29, 2157-2167.	0.8	15
124	Climate adaptation and speciation: particular focus on reproductive barriers in <i>Ficedula</i> flycatchers. <i>Evolutionary Applications</i> , 2016, 9, 119-134.	1.5	25
125	A universal mechanism generating clusters of differentiated loci during divergence-with-migration. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1609-1621.	1.1	29
126	What can be learnt from a snail?. <i>Evolutionary Applications</i> , 2016, 9, 153-165.	1.5	34
127	Comparative phylogeography of oceanic archipelagos: Hotspots for inferences of evolutionary process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7986-7993.	3.3	124

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128	On the persistence of reproductive barriers in <i>Eucalyptus</i> : the bridging of mechanical barriers to zygote formation by F_1 hybrids is counteracted by intrinsic post-zygotic incompatibilities. <i>Annals of Botany</i> , 2016, 118, 431-444.	1.4	19
129	Evolutionary processes and cellular functions underlying divergence in <i>Alexandrium minutum</i> . <i>Molecular Ecology</i> , 2016, 25, 5129-5143.	2.0	25
130	Genomic variation across the Yellow-rumped Warbler species complex. <i>Auk</i> , 2016, 133, 698-717.	0.7	38
131	High density, genome-wide markers and intra-specific replication yield an unprecedented phylogenetic reconstruction of a globally significant, speciose lineage of <i>Eucalyptus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 63-85.	1.2	29
132	Disentangling Incomplete Lineage Sorting and Introgression to Refine Species-Tree Estimates for Lake Tanganyika Cichlid Fishes. <i>Systematic Biology</i> , 2017, 66, syw069.	2.7	81
133	Species Concepts and Speciation. , 2016, , 216-227.		1
134	Speciation-with-Gene-Flow. , 2016, , 209-215.		1
135	Studying the genetic basis of speciation in high gene flow marine invertebrates. <i>Environmental Epigenetics</i> , 2016, 62, 643-653.	0.9	14
136	Toward conservation of genetic and phenotypic diversity in Japanese sticklebacks. <i>Genes and Genetic Systems</i> , 2016, 91, 77-84.	0.2	11
137	The non-equilibrium allele frequency spectrum in a Poisson random field framework. <i>Theoretical Population Biology</i> , 2016, 111, 51-64.	0.5	7
138	Hybrid Incompatibilities, Local Adaptation, and the Genomic Distribution of Natural Introgression between Species. <i>American Naturalist</i> , 2016, 187, 249-261.	1.0	49
139	Genome-wide differentiation in closely related populations: the roles of selection and geographic isolation. <i>Molecular Ecology</i> , 2016, 25, 3865-3883.	2.0	43
140	Diversification across a heterogeneous landscape. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1979-1992.	1.1	27
141	Speciation Genes. , 2016, , 166-175.		13
142	Speciation Continuum. , 2016, , 159-165.		24
143	Speciation Genomics. , 2016, , 176-182.		0
144	Mammalian comparative genomics reveals genetic and epigenetic features associated with genome reshuffling in Rodentia. <i>Genome Biology and Evolution</i> , 2016, 8, evw276.	1.1	21
145	Inferences of population structure and demographic history for <i>Taxodium distichum</i> , a coniferous tree in North America, based on amplicon sequencing analysis. <i>American Journal of Botany</i> , 2016, 103, 1937-1949.	0.8	2

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146	Hybrid Speciation. , 2016, , 242-248.		4
147	Chromosomal inversions and ecotypic differentiation in <i>Anopheles gambiae</i> : the perspective from whole-genome sequencing. <i>Molecular Ecology</i> , 2016, 25, 5889-5906.	2.0	35
148	A Genomic Perspective on the Generation and Maintenance of Genetic Diversity in Herbivorous Insects. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 165-187.	3.8	30
149	Evolution of heterogeneous genome differentiation across multiple contact zones in a crow species complex. <i>Nature Communications</i> , 2016, 7, 13195.	5.8	156
150	Ecosystem size matters: the dimensionality of intralacustrine diversification in Icelandic stickleback is predicted by lake size. <i>Ecology and Evolution</i> , 2016, 6, 5256-5272.	0.8	16
151	Empirical evidence for large X-effects in animals with undifferentiated sex chromosomes. <i>Scientific Reports</i> , 2016, 6, 21029.	1.6	35
152	Concordant morphological and molecular clines in a contact zone of the Common and Spined toad (<i>Bufo bufo</i> and <i>B. spinosus</i>) in the northwest of France. <i>Frontiers in Zoology</i> , 2016, 13, 52.	0.9	20
153	Genetic characterization of flat periwinkles (Littorinidae) from the Iberian Peninsula reveals interspecific hybridization and different degrees of differentiation. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 503-519.	0.7	12
154	Distribution and population genetic variation of cryptic species of the Alpine mayfly <i>Baetis alpinus</i> (Ephemeroptera: Baetidae) in the Central Alps. <i>BMC Evolutionary Biology</i> , 2016, 16, 77.	3.2	41
155	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.	1.1	13
156	The Role of microRNAs in the Repeated Parallel Diversification of Lineages of Midas Cichlid Fish from Nicaragua. <i>Genome Biology and Evolution</i> , 2016, 8, 1543-1555.	1.1	35
157	Experimental evidence for ovarian hypofunction in sparrow hybrids. <i>Avian Research</i> , 2016, 7, .	0.5	7
158	Genomic Profiles of Diversification and Genotype-Phenotype Association in Island Nematode Lineages. <i>Molecular Biology and Evolution</i> , 2016, 33, 2257-2272.	3.5	31
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161	Genomics of local adaptation with gene flow. <i>Molecular Ecology</i> , 2016, 25, 2144-2164.	2.0	320
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163	Immigrant inviability produces a strong barrier to gene flow between parapatric ecotypes of <i>Senecio latus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1239-1248.	1.1	43

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168	Transient hybridization, not homoploid hybrid speciation, between ancient and deeply divergent conifers. <i>American Journal of Botany</i> , 2016, 103, 246-259.	0.8	16
169	Integrative Taxonomy Recognizes Evolutionary Units Despite Widespread Mitonuclear Discordance: Evidence from a Rotifer Cryptic Species Complex. <i>Systematic Biology</i> , 2016, 65, 508-524.	2.7	100
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171	Breeding high-yield superior quality hybrid super rice by rational design. <i>National Science Review</i> , 2016, 3, 283-294.	4.6	179
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181	Endopolyploidy as a potential driver of animal ecology and evolution. <i>Biological Reviews</i> , 2017, 92, 234-247.	4.7	51

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185	Island floras as model systems for studies of plant speciation: Prospects and challenges. <i>Journal of Systematics and Evolution</i> , 2017, 55, 1-15.	1.6	28
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198	Genomic clustering of adaptive loci during parallel evolution of an Australian wildflower. <i>Molecular Ecology</i> , 2017, 26, 3687-3699.	2.0	29
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201	Processes Underlying a Reproductive Barrier in <i>indica</i> - <i>japonica</i> Rice Hybrids Revealed by Transcriptome Analysis. <i>Plant Physiology</i> , 2017, 174, 1683-1696.	2.3	22
202	Gene flow, ancient polymorphism, and ecological adaptation shape the genomic landscape of divergence among Darwin's finches. <i>Genome Research</i> , 2017, 27, 1004-1015.	2.4	152
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207	Silencing of Transposable Elements by piRNAs in <i>Drosophila</i> : An Evolutionary Perspective. <i>Genomics, Proteomics and Bioinformatics</i> , 2017, 15, 164-176.	3.0	37
209	The role of allochryony in speciation. <i>Molecular Ecology</i> , 2017, 26, 3330-3342.	2.0	115
210	A tipping point in parapatric speciation. <i>Journal of Theoretical Biology</i> , 2017, 421, 81-92.	0.8	9
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218	Digest: Why are there no ring species?*. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 501-502.	1.1	1

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223	Genomics of adaptive divergence with chromosome-scale heterogeneity in crossover rate. <i>Molecular Ecology</i> , 2017, 26, 6351-6369.	2.0	56
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225	Hierarchical structure of ecological and non-ecological processes of differentiation shaped ongoing gastropod radiation in the Malawi Basin. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171494.	1.2	18
226	Incomplete lineage sorting and hybridization in the evolutionary history of closely related, endemic yellow-flowered <i>Aechmea</i> species of subgenus <i>Ortgiesia</i> (Bromeliaceae). <i>American Journal of Botany</i> , 2017, 104, 1073-1087.	0.8	31
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228	Evolutionary biology through the lens of budding yeast comparative genomics. <i>Nature Reviews Genetics</i> , 2017, 18, 581-598.	7.7	81
230	After 100 years: hydroelectric dam-induced life-history divergence and population genetic changes in sockeye salmon (<i>Oncorhynchus nerka</i>). <i>Conservation Genetics</i> , 2017, 18, 1449-1462.	0.8	11
231	The role of phenotypic plasticity on population differentiation. <i>Heredity</i> , 2017, 119, 214-225.	1.2	46
232	Hybrid zone formation and contrasting outcomes of secondary contact over transects in common toads. <i>Molecular Ecology</i> , 2017, 26, 5663-5675.	2.0	41
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235	A neutral view of the evolving genomic architecture of speciation. <i>Ecology and Evolution</i> , 2017, 7, 6358-6366.	0.8	8
236	No evidence for maintenance of a sympatric <i>Heliconius</i> species barrier by chromosomal inversions. <i>Evolution Letters</i> , 2017, 1, 138-154.	1.6	90
237	Individuating population lineages: a new genealogical criterion. <i>Biology and Philosophy</i> , 2017, 32, 683-703.	0.7	6

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239	Interpreting the genomic landscape of speciation: a road map for finding barriers to gene flow. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1450-1477.	0.8	399
240	Identifying the loci of speciation: the challenge beyond genome scans. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1478-1481.	0.8	10
241	Speciation, species persistence and the goals of studying genomic barriers to gene flow. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1512-1515.	0.8	8
242	Barrier loci and progress towards evolutionary generalities. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1491-1493.	0.8	4
243	Barnacles, barrier loci and the systematic building of species. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1494-1497.	0.8	4
244	Glittering gold and the quest for Isla de Muerta. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1509-1511.	0.8	19
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246	Genomic analyses suggest parallel ecological divergence in <i>Heliosperma pusillum</i> (Caryophyllaceae). <i>New Phytologist</i> , 2017, 216, 267-278.	3.5	58
247	Genomic variation across two barn swallow hybrid zones reveals traits associated with divergence in sympatry and allopatry. <i>Molecular Ecology</i> , 2017, 26, 5676-5691.	2.0	48
248	Heterogeneous Patterns of Genetic Diversity and Differentiation in European and Siberian Chiffchaff (<i>Phylloscopus collybita abietinus</i> / <i>P. tristis</i>). <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3983-3998.	0.8	4
250	Rapid neo-sex chromosome evolution and incipient speciation in a major forest pest. <i>Nature Communications</i> , 2017, 8, 1593.	5.8	59
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252	<i>Homo sapiens</i> in the Eastern Asian Late Pleistocene. <i>Current Anthropology</i> , 2017, 58, S434-S448.	0.8	52
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254	A life-cycle approach to species barriers. <i>Molecular Ecology</i> , 2017, 26, 3321-3323.	2.0	0
255	Oviposition traits generate extrinsic postzygotic isolation between two pine sawfly species. <i>BMC Evolutionary Biology</i> , 2017, 17, 26.	3.2	39
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258	Making sense of genomic islands of differentiation in light of speciation. <i>Nature Reviews Genetics</i> , 2017, 18, 87-100.	7.7	389
259	Differential adaptation drives ecological speciation in <i>Silene</i> : evidence from a multi-site transplant experiment. <i>New Phytologist</i> , 2017, 213, 1487-1499.	3.5	25
260	Reproductive Isolation Among <i>Drosophila arizonae</i> from Geographically Isolated Regions of North America. <i>Evolutionary Biology</i> , 2017, 44, 82-90.	0.5	4
261	Application of RADSeq to the study of genomic diversity and divergence of two Brazilian marmoset species (<i>Callithrix jacchus</i> and <i>C. penicillata</i>). <i>American Journal of Primatology</i> , 2017, 79, 1-12.	0.8	5
262	Adaptive genomic divergence under high gene flow between freshwater and brackishwater ecotypes of prickly sculpin (<i>Cottus asper</i>) revealed by PoolSeq. <i>Molecular Ecology</i> , 2017, 26, 25-42.	2.0	58
263	Genomic landscape of early ecological speciation initiated by selection on nuptial colour. <i>Molecular Ecology</i> , 2017, 26, 7-24.	2.0	26
264	Standing chromosomal variation in Lake Whitefish species pairs: the role of historical contingency and relevance for speciation. <i>Molecular Ecology</i> , 2017, 26, 178-192.	2.0	36
265	<i>Drosophila yakuba mayottensis</i> , a new model for the study of incipient ecological speciation. <i>Fly</i> , 2017, 11, 37-45.	0.9	7
266	Restriction site associated DNA (RAD) for de novo sequencing and marker discovery in sugarcane borer, <i>Diatraea saccharalis</i> Fab. (Lepidoptera: Crambidae). <i>Molecular Ecology Resources</i> , 2017, 17, 454-465.	2.2	5
267	On the young age of intraspecific herbaceous taxa. <i>New Phytologist</i> , 2017, 213, 1513-1520.	3.5	7
268	Divergence and gene flow in the globally distributed blue-winged ducks. <i>Journal of Avian Biology</i> , 2017, 48, 640-649.	0.6	1
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270	Demographic modelling with whole-genome data reveals parallel origin of similar <i>Pundamilia</i> cichlid species after hybridization. <i>Molecular Ecology</i> , 2017, 26, 123-141.	2.0	106
271	Cytoplasmic-Nuclear Incompatibility Between Wild Isolates of <i>Caenorhabditis nouraguensis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 823-834.	0.8	12
272	Mechanisms of Adaptive Divergence and Speciation in <i>Littorina saxatilis</i> : Integrating Knowledge from Ecology and Genetics with New Data Emerging from Genomic Studies. <i>Population Genomics</i> , 2017, , 277-301.	0.2	20
273	Species Delimitation and Lineage Separation History of a Species Complex of Aspens in China. <i>Frontiers in Plant Science</i> , 2017, 8, 375.	1.7	35
274	Integrative Approaches for Studying Mitochondrial and Nuclear Genome Co-evolution in Oxidative Phosphorylation. <i>Frontiers in Genetics</i> , 2017, 8, 25.	1.1	65

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276	Speciation, Process of \hat{t} . , 2017, , .		2
277	Differential transcriptome analysis supports <i>Rhodnius montenegrensis</i> and <i>Rhodnius robustus</i> (Hemiptera, Reduviidae, Triatominae) as distinct species. <i>PLoS ONE</i> , 2017, 12, e0174997.	1.1	15
278	Challenges and advances for transcriptome assembly in non-model species. <i>PLoS ONE</i> , 2017, 12, e0185020.	1.1	38
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280	A history of hybrids? Genomic patterns of introgression in the True Geese. <i>BMC Evolutionary Biology</i> , 2017, 17, 201.	3.2	47
281	Livebearing or egg-laying mammals: 27 decisive nucleotides of FAM168. <i>BioScience Trends</i> , 2017, 11, 169-178.	1.1	1
282	Clownfishes evolution below and above the species level. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20171796.	1.2	42
283	The Rate of Evolution of Postmating-Prezygotic Reproductive Isolation in <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2018, 35, 312-334.	3.5	82
284	Profound genetic divergence and asymmetric parental genome contributions as hallmarks of hybrid speciation in polyploid toads. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172667.	1.2	18
285	Gene Flow between Divergent Cereal- and Grass-Specific Lineages of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>MBio</i> , 2018, 9, .	1.8	163
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287	Hybridization and differential introgression associated with environmental shifts in a mistletoe species complex. <i>Scientific Reports</i> , 2018, 8, 5591.	1.6	17
288	Along the speciation continuum: Quantifying intrinsic and extrinsic isolating barriers across five million years of evolutionary divergence in California jewelflowers. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1063-1079.	1.1	47
289	Genetic architecture of traits associated with reproductive barriers in <i>Silene</i> : Coupling, sex chromosomes and variation. <i>Molecular Ecology</i> , 2018, 27, 3889-3904.	2.0	13
290	Sex chromosome repeats tip the balance towards speciation. <i>Molecular Ecology</i> , 2018, 27, 3783-3798.	2.0	29
291	Speciation in the presence of gene flow: population genomics of closely related and diverging <i>Eucalyptus</i> species. <i>Heredity</i> , 2018, 121, 126-141.	1.2	55
292	The demographic history of Atlantic salmon (<i>Salmo salar</i>) across its distribution range reconstructed from approximate Bayesian computations*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1261-1277.	1.1	75

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294	Female mate choice of male signals is unlikely to promote ecological adaptation in <i>Enchenopa</i> treehoppers (Hemiptera: Membracidae). <i>Ecology and Evolution</i> , 2018, 8, 2146-2159.	0.8	3
295	A genomic map of clinal variation across the European rabbit hybrid zone. <i>Molecular Ecology</i> , 2018, 27, 1457-1478.	2.0	30
296	Demography and selection shape transcriptomic divergence in field crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 553-567.	1.1	6
297	The Role of Seasonal Migration in Population Divergence and Reproductive Isolation. <i>Trends in Ecology and Evolution</i> , 2018, 33, 164-175.	4.2	45
298	Ancient polymorphisms and divergence hitchhiking contribute to genomic islands of divergence within a poplar species complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E236-E243.	3.3	126
299	Coupling, Reinforcement, and Speciation. <i>American Naturalist</i> , 2018, 191, 155-172.	1.0	155
300	Evolution as an ecosystem process: insights from genomics. <i>Genome</i> , 2018, 61, 298-309.	0.9	11
301	Genomic islands of differentiation in two songbird species reveal candidate genes for hybrid female sterility. <i>Molecular Ecology</i> , 2018, 27, 949-958.	2.0	25
302	Conflict between heterozygote advantage and hybrid incompatibility in haplodiploids (and sex) Tj ETQq1 1 0.784314rgBT /Overlock 10	2.0	8
303	Paternal chromosome loss and metabolic crisis contribute to hybrid inviability in <i>Xenopus</i> . <i>Nature</i> , 2018, 553, 337-341.	13.7	69
304	Histological evidence that diploid hybrids of <i>Cobitis taenia</i> and <i>C. elongatoides</i> (Teleostei, Cobitidae) develop into fertile females and sterile males. <i>Hydrobiologia</i> , 2018, 814, 147-159.	1.0	9
305	Biological and social challenges of human reproduction in a long-term Mars base. <i>Futures</i> , 2018, 100, 56-62.	1.4	44
306	Reconstructing the phylogenetic history of the tribe Leucocoryneae (Allioideae): Reticulate evolution and diversification in South America. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 437-448.	1.2	13
307	Trophic specialization drives morphological evolution in sea snakes. <i>Royal Society Open Science</i> , 2018, 5, 172141.	1.1	34
308	Hybrid asexuality as a primary postzygotic barrier between nascent species: On the interconnection between asexuality, hybridization and speciation. <i>Molecular Ecology</i> , 2018, 27, 248-263.	2.0	64
309	Sympatric Speciation in the Genomic Era. <i>Trends in Ecology and Evolution</i> , 2018, 33, 85-95.	4.2	83
310	Polygenic evolution drives species divergence and climate adaptation in corals. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 82-94.	1.1	61

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453	Population Genomics of Tomato. <i>Population Genomics</i> , 2020, , 1.	0.2	0
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456	The saprotrophic <i>Pleurotus ostreatus</i> species complex: late Eocene origin in East Asia, multiple dispersal, and complex speciation. <i>IMA Fungus</i> , 2020, 11, 10.	1.7	17
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