

The genomic landscape of rapid repeated evolutionary wild fish

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Swimming in polluted waters. <i>Science</i> , 2016, 354, 1232-1233.	6.0	5
2	Resistance to polycyclic aromatic hydrocarbon toxicity and associated bioenergetic consequences in a population of <i>Fundulus heteroclitus</i> . <i>Ecotoxicology</i> , 2017, 26, 435-448.	1.1	18
3	When evolution is the solution to pollution: Key principles, and lessons from rapid repeated adaptation of killifish (<i>Fundulus heteroclitus</i>) populations. <i>Evolutionary Applications</i> , 2017, 10, 762-783.	1.5	102
4	Does exposure to domestic wastewater effluent (including steroid estrogens) harm fish populations in the UK?. <i>Science of the Total Environment</i> , 2017, 589, 89-96.	3.9	15
5	Evolutionary toxicology in an omics world. <i>Evolutionary Applications</i> , 2017, 10, 752-761.	1.5	26
6	Intrinsic reproductive isolating mechanisms in the maintenance of a hybrid zone between ecologically divergent subspecies. <i>Journal of Evolutionary Biology</i> , 2017, 30, 848-864.	0.8	10
7	Complexities of gene expression patterns in natural populations of an extremophile fish (<i>Poecilia</i>). <i>Evolutionary Applications</i> , 2017, 10, 752-761.	2.0	21
8	Sequence and functional characterization of hypoxia-inducible factors, HIF1 α , HIF2 α , and HIF3 α , from the estuarine fish, <i>Fundulus heteroclitus</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R412-R425.	0.9	16
9	Fine-scale genetic structure due to adaptive divergence among microhabitats. <i>Heredity</i> , 2017, 118, 594-604.	1.2	24
10	Impacts of Petroleum-Derived Pollutants on Fish Development. <i>Annual Review of Animal Biosciences</i> , 2017, 5, 185-203.	3.6	59
11	Evolution of life in urban environments. <i>Science</i> , 2017, 358, .	6.0	609
12	Signatures of positive selection and local adaptation to urbanization in white-footed mice (<i>Peromyscus leucopus</i>). <i>Molecular Ecology</i> , 2017, 26, 6336-6350.	2.0	61
13	The Role of Epigenomics in Aquatic Toxicology. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2565-2573.	2.2	56
14	Ryanodine receptor and FK506 binding protein 1 in the Atlantic killifish (<i>Fundulus heteroclitus</i>): A phylogenetic and population-based comparison. <i>Aquatic Toxicology</i> , 2017, 192, 105-115.	1.9	13
15	Eco-Evolutionary Dynamics in Cold Blood. <i>Copeia</i> , 2017, 105, 441-450.	1.4	5
16	Intermediate degrees of synergistic pleiotropy drive adaptive evolution in ecological time. <i>Nature Ecology and Evolution</i> , 2017, 1, 1551-1561.	3.4	89
17	Micronuclei and other erythrocyte nuclear abnormalities in fishes from the Great Lakes Basin, USA. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 570-581.	0.9	47
18	Gene expression stasis and plasticity following migration into a foreign environment. <i>Molecular Ecology</i> , 2017, 26, 4657-4670.	2.0	18

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19	Cost of Tolerance: Physiological Consequences of Evolved Resistance to Inhabit a Polluted Environment in Teleost Fish <i>Fundulus heteroclitus</i> . <i>Environmental Science & Technology</i> , 2017, 51, 8763-8772.	4.6	25
21	Demographic and genetic consequences of disturbed sex determination. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160326.	1.8	44
22	Evolutionary responses to crude oil from the Deepwater Horizon oil spill by the copepod <i>Eurytemora affinis</i> . <i>Evolutionary Applications</i> , 2017, 10, 813-828.	1.5	16
23	Distinguishing Among Modes of Convergent Adaptation Using Population Genomic Data. <i>Genetics</i> , 2017, 207, 1591-1619.	1.2	112
24	Evolutionary toxicology: Toward a unified understanding of life's response to toxic chemicals. <i>Evolutionary Applications</i> , 2017, 10, 745-751.	1.5	48
25	The Landscape of Extreme Genomic Variation in the Highly Adaptable Atlantic Killifish. <i>Genome Biology and Evolution</i> , 2017, 9, 659-676.	1.1	43
26	Developmental plasticity. <i>Evolution, Medicine and Public Health</i> , 2017, 2017, 162-175.	1.1	78
27	A Dramatic Difference in Global Gene Expression between TCDD-Treated Atlantic Tomcod Larvae from the Resistant Hudson River and a Nearby Sensitive Population. <i>Genome Biology and Evolution</i> , 2017, 9, 2251-2264.	1.1	2
28	Heritable gene expression differences between lake and stream stickleback include both parallel and antiparallel components. <i>Heredity</i> , 2017, 119, 339-348.	1.2	22
29	The Plight of Migrant Birds Wintering in the Caribbean: Rainfall Effects in the Annual Cycle. <i>Forests</i> , 2017, 8, 115.	0.9	5
30	Environmental Pollution and the Fish Heart. <i>Fish Physiology</i> , 2017, 36, 373-433.	0.2	16
31	â€”Omicâ€™ technologies as a helpful tool in radioecological research. <i>Journal of Environmental Radioactivity</i> , 2018, 189, 156-167.	0.9	15
32	Contaminants of emerging concern presence and adverse effects in fish: A case study in the Laurentian Great Lakes. <i>Environmental Pollution</i> , 2018, 236, 718-733.	3.7	41
33	Characterization of AHR2 and CYP1A expression in Atlantic sturgeon and shortnose sturgeon treated with coplanar PCBs and TCDD. <i>Aquatic Toxicology</i> , 2018, 197, 19-31.	1.9	7
34	Endocrine disruption and differential gene expression in sentinel fish on St. Lawrence Island, Alaska: Health implications for indigenous residents. <i>Environmental Pollution</i> , 2018, 234, 279-287.	3.7	17
35	Phylogenomic analysis of Fundulidae (Teleostei: Cyprinodontiformes) using RNA-sequencing data. <i>Molecular Phylogenetics and Evolution</i> , 2018, 121, 150-157.	1.2	19
36	Evolution as an ecosystem process: insights from genomics. <i>Genome</i> , 2018, 61, 298-309.	0.9	11
37	Rapid evolution in insect pests: the importance of space and time in population genomics studies. <i>Current Opinion in Insect Science</i> , 2018, 26, 8-16.	2.2	58

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38	Unintentional exposure to terrestrial pesticides drives widespread and predictable evolution of resistance in freshwater crustaceans. <i>Evolutionary Applications</i> , 2018, 11, 748-761.	1.5	45
39	Turning natural adaptations to oncogenic factors into an ally in the war against cancer. <i>Evolutionary Applications</i> , 2018, 11, 836-844.	1.5	14
40	Genome-wide scan reveals signatures of selection related to pollution adaptation in non-model estuarine Atlantic killifish (<i>Fundulus heteroclitus</i>). <i>Aquatic Toxicology</i> , 2018, 200, 73-82.	1.9	19
41	Parallel evolution of gene expression between trophic specialists despite divergent genotypes and morphologies. <i>Evolution Letters</i> , 2018, 2, 62-75.	1.6	32
42	Rapid evolution meets invasive species control: the potential for pesticide resistance in sea lamprey. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 152-168.	0.7	47
43	Spatial and temporal heterogeneity in climate change limits species' dispersal capabilities and adaptive potential. <i>Ecography</i> , 2018, 41, 1428-1440.	2.1	26
44	Comparative transcriptomics of cyprinid minnows and carp in a common wild setting: a resource for ecological genomics in freshwater communities. <i>DNA Research</i> , 2018, 25, 11-23.	1.5	2
45	The relative contribution of river network structure and anthropogenic stressors to spatial patterns of genetic diversity in two freshwater fishes: A multiple stressors approach. <i>Freshwater Biology</i> , 2018, 63, 6-21.	1.2	32
46	Mate choice, sexual selection, and endocrine-disrupting chemicals. <i>Hormones and Behavior</i> , 2018, 101, 3-12.	1.0	33
47	Fantastic Beasts and How To Sequence Them: Ecological Genomics for Obscure Model Organisms. <i>Trends in Genetics</i> , 2018, 34, 121-132.	2.9	64
48	Molecular evolution and expression of oxygen transport genes in livebearing fishes (Poeciliidae) from hydrogen sulfide rich springs. <i>Genome</i> , 2018, 61, 273-286.	0.9	18
49	Endocrine disruption in aquatic systems: upscaling research to address ecological consequences. <i>Biological Reviews</i> , 2018, 93, 626-641.	4.7	93
50	Lost but not forgotten: MHC genotypes predict overwinter survival despite depauperate MHC diversity in a declining frog. <i>Conservation Genetics</i> , 2018, 19, 309-322.	0.8	24
51	Regulatory and sequence evolution in response to selection for improved associative learning ability in <i>Nasonia vitripennis</i> . <i>BMC Genomics</i> , 2018, 19, 892.	1.2	7
52	The genomic basis of adaptation to calcareous and siliceous soils in <i>Arabidopsis lyrata</i> . <i>Molecular Ecology</i> , 2018, 27, 5088-5103.	2.0	20
53	Whole-genome sequences of Malawi cichlids reveal multiple radiations interconnected by gene flow. <i>Nature Ecology and Evolution</i> , 2018, 2, 1940-1955.	3.4	358
54	The Impact of Early Developmental Exposure to Stressors Related to Individual Fitness in Aquatic Organisms and the Subsequent Reproductive Success and Failure on Populations. , 2018, , 115-153.		2
55	Adaptation in Polluted Waters: Lessons from Killifish. , 2018, , 355-375.		4

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56	The Interaction of Environment and Chronological and Developmental Time. , 2018, , 9-39.		3
57	Physiological and Genomic Mechanisms of Resilience to Multiple Environmental Stressors. , 2018, , 179-201.		4
58	Incorporating Suborganismal Processes into Dynamic Energy Budget Models for Ecological Risk Assessment. Integrated Environmental Assessment and Management, 2018, 14, 615-624.	1.6	42
59	Novel ecological and climatic conditions drive rapid adaptation in invasive Florida Burmese pythons. Molecular Ecology, 2018, 27, 4744-4757.	2.0	30
60	Population genomics of <i>Fundulus grandis</i> exposed to oil from Deepwater Horizon. Journal of Experimental Marine Biology and Ecology, 2018, 509, 82-90.	0.7	3
61	The genomic basis of environmental adaptation in house mice. PLoS Genetics, 2018, 14, e1007672.	1.5	65
62	Characterization of AHR1 and its functional activity in Atlantic sturgeon and shortnose sturgeon. Aquatic Toxicology, 2018, 205, 25-35.	1.9	3
63	Concordant changes in gene expression and nucleotides underlie independent adaptation to hydrogen-sulfide-rich environments. Genome Biology and Evolution, 2018, 10, 2867-2881.	1.1	14
64	A draft genome assembly of the Chinese sillago (<i>Sillago sinica</i>), the first reference genome for Sillaginidae fishes. GigaScience, 2018, 7, .	3.3	30
65	Environmental extremes drive population structure at the northern range limit of Atlantic salmon in North America. Molecular Ecology, 2018, 27, 4026-4040.	2.0	26
66	Expressed exome capture sequencing: A method for cost-effective exome sequencing for all organisms. Molecular Ecology Resources, 2018, 18, 1209-1222.	2.2	28
67	Repeated Selection of Alternatively Adapted Haplotypes Creates Sweeping Genomic Remodeling in Stickleback. Genetics, 2018, 209, 921-939.	1.2	64
68	How omics technologies can enhance chemical safety regulation: perspectives from academia, government, and industry. Environmental Toxicology and Chemistry, 2018, 37, 1252-1259.	2.2	12
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70	Little plant, big city: a test of adaptation to urban environments in common ragweed (<i>Ambrosia</i>)	1.2	50
71	Experimental evidence for rapid genomic adaptation to a new niche in an adaptive radiation. Nature Ecology and Evolution, 2018, 2, 1128-1138.	3.4	63
72	Conservation Genomics of the Declining North American Bumblebee <i>Bombus terricola</i> Reveals Inbreeding and Selection on Immune Genes. Frontiers in Genetics, 2018, 9, 316.	1.1	31
73	Impact of emerging, high-production-volume graphene-based materials on the bioavailability of benzo(a)pyrene to brine shrimp and fish liver cells. Environmental Science: Nano, 2018, 5, 2144-2161.	2.2	4

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74	Mechanisms of Thermal Tolerance in Reef-Building Corals across a Fine-Grained Environmental Mosaic: Lessons from Ofu, American Samoa. <i>Frontiers in Marine Science</i> , 2018, 4, .	1.2	110
75	Arsenic Reduces Gene Expression Response to Changing Salinity in Killifish. <i>Environmental Science & Technology</i> , 2018, 52, 8811-8821.	4.6	5
76	Evolutionary Toxicology as a Tool to Assess the Ecotoxicological Risk in Freshwater Ecosystems. <i>Water (Switzerland)</i> , 2018, 10, 490.	1.2	10
77	Tolerance traits related to climate change resilience are independent and polygenic. <i>Global Change Biology</i> , 2018, 24, 5348-5360.	4.2	38
78	Contrasting the effects of natural selection, genetic drift and gene flow on urban evolution in white clover (<i>Trifolium repens</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181019.	1.2	72
79	Adaptation Without Boundaries: Population Genomics in Marine Systems. <i>Population Genomics</i> , 2018, , 587-612.	0.2	2
80	Will human influences on evolutionary dynamics in the wild pervade the Anthropocene?. <i>BMC Biology</i> , 2018, 16, 7.	1.7	73
81	Stable genetic structure and connectivity in pollution-adapted and nearby pollution-sensitive populations of <i>Fundulus heteroclitus</i> . <i>Royal Society Open Science</i> , 2018, 5, 171532.	1.1	1
82	Modern spandrels: the roles of genetic drift, gene flow and natural selection in the evolution of parallel clines. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180230.	1.2	30
83	The evolution of city life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181529.	1.2	41
84	Transcriptome response of the foundation plant <i>Spartina alterniflora</i> to the Deepwater Horizon oil spill. <i>Molecular Ecology</i> , 2018, 27, 2986-3000.	2.0	17
85	Toward Sustainable Environmental Quality: Priority Research Questions for North America. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1606-1624.	2.2	43
86	Adaption to extreme environments: a perspective from fish genomics. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 735-747.	2.4	12
87	Fishing for answers. <i>Science</i> , 2019, 365, 443-444.	6.0	0
88	Contrasting genomic shifts underlie parallel phenotypic evolution in response to fishing. <i>Science</i> , 2019, 365, 487-490.	6.0	123
89	Mitochondrial Ecophysiology: Assessing the Evolutionary Forces That Shape Mitochondrial Variation. <i>Integrative and Comparative Biology</i> , 2019, 59, 925-937.	0.9	8
90	Replicated Landscape Genomics Identifies Evidence of Local Adaptation to Urbanization in Wood Frogs. <i>Journal of Heredity</i> , 2019, 110, 707-719.	1.0	8
91	Fungal diversity from communities to genes. <i>Fungal Biology Reviews</i> , 2019, 33, 225-237.	1.9	23

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92	Relaxed Selection Limits Lifespan by Increasing Mutation Load. <i>Cell</i> , 2019, 178, 385-399.e20.	13.5	94
93	Characterization of the Aryl Hydrocarbon Receptor (AhR) Pathway in <i>Anabas testudineus</i> and Mechanistic Exploration of the Reduced Sensitivity of AhR2a. <i>Environmental Science & Technology</i> , 2019, 53, 12803-12811.	4.6	4
94	Embryonic <i>Fundulus heteroclitus</i> responses to sediment extracts from differentially contaminated sites in the Elizabeth River, VA. <i>Ecotoxicology</i> , 2019, 28, 1126-1135.	1.1	6
95	Genomic Basis of Convergent Island Phenotypes in Boa Constrictors. <i>Genome Biology and Evolution</i> , 2019, 11, 3123-3143.	1.1	14
96	Assisted Evolution in Astrobiology—Convergence of Ecology and Evolutionary Biology within the Context of Planetary Colonization. <i>Astrobiology</i> , 2019, 19, 1410-1417.	1.5	1
97	The potential of VKORC1 polymorphisms in Mustelidae for evolving anticoagulant resistance through selection along the food chain. <i>PLoS ONE</i> , 2019, 14, e0221706.	1.1	2
98	Predictable genome-wide sorting of standing genetic variation during parallel adaptation to basic versus acidic environments in stickleback fish. <i>Evolution Letters</i> , 2019, 3, 28-42.	1.6	41
99	Patterns of alternative splicing in response to cold acclimation in fish. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	43
100	Evolutionary concepts can benefit both fundamental research and applied research in toxicology (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	4
101	Standing genetic variation as the predominant source for adaptation of a songbird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2152-2157.	3.3	128
102	Parallel genetic evolution and speciation from standing variation. <i>Evolution Letters</i> , 2019, 3, 129-141.	1.6	87
103	Probing the limits of “evolutionary rescue”. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12116-12120.	3.3	6
104	Local ancestry analysis reveals genomic convergence in extremophile fishes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180240.	1.8	18
105	Convergent evolution in the genomics era: new insights and directions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190102.	1.8	78
106	Stress responses in fish: From molecular to evolutionary processes. <i>Science of the Total Environment</i> , 2019, 684, 371-380.	3.9	122
107	Current evidence for a role of epigenetic mechanisms in response to ionizing radiation in an ecotoxicological context. <i>Environmental Pollution</i> , 2019, 251, 469-483.	3.7	39
108	A CRISPR/Cas9 Whole-Genome Screen Identifies Genes Required for Aryl Hydrocarbon Receptor-Dependent Induction of Functional CYP1A1. <i>Toxicological Sciences</i> , 2019, 170, 310-319.	1.4	5
109	Adaptive introgression enables evolutionary rescue from extreme environmental pollution. <i>Science</i> , 2019, 364, 455-457.	6.0	184

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110	Urban environment and cancer in wildlife: available evidence and future research avenues. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182434.	1.2	37
111	Population genomics of rapid evolution in natural populations: polygenic selection in response to power station thermal effluents. <i>BMC Evolutionary Biology</i> , 2019, 19, 61.	3.2	67
112	<i>Montastraea cavernosa</i> corallite structure demonstrates distinct morphotypes across shallow and mesophotic depth zones in the Gulf of Mexico. <i>PLoS ONE</i> , 2019, 14, e0203732.	1.1	18
113	Altered lipid homeostasis in a PCB-resistant Atlantic killifish (<i>Fundulus heteroclitus</i>) population from New Bedford Harbor, MA, U.S.A.. <i>Aquatic Toxicology</i> , 2019, 210, 30-43.	1.9	7
114	Environmentally relevant concentrations of bifenthrin affect the expression of estrogen and glucocorticoid receptors in brains of female western mosquitofish. <i>Aquatic Toxicology</i> , 2019, 209, 121-131.	1.9	10
115	Urban colonization through multiple genetic lenses: The city fox phenomenon revisited. <i>Ecology and Evolution</i> , 2019, 9, 2046-2060.	0.8	28
116	Developing a High-Quality Linkage Map for the Atlantic Killifish <i>Fundulus heteroclitus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2851-2862.	0.8	11
117	Response to Selection for Increased Heat Tolerance in a Small Fish Species, With the Response Decreased by a Population Bottleneck. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	12
118	Low adaptive potential for tolerance to ethynylestradiol, but also low toxicity, in a grayling population (<i>Thymallus thymallus</i>). <i>BMC Evolutionary Biology</i> , 2019, 19, 227.	3.2	8
119	Review of and Recommendations for Monitoring Contaminants and their Effects in the San Francisco Bay-Delta. <i>San Francisco Estuary and Watershed Science</i> , 2019, 17, .	0.2	3
120	Signs of adaptation to trace metal contamination in a common urban bird. <i>Science of the Total Environment</i> , 2019, 650, 679-686.	3.9	17
121	From low to high gear: there has been a paradigm shift in our understanding of evolution. <i>Ecology Letters</i> , 2019, 22, 233-244.	3.0	84
122	Profiling microRNA expression in Atlantic killifish (<i>Fundulus heteroclitus</i>) gill and responses to arsenic and hyperosmotic stress. <i>Aquatic Toxicology</i> , 2019, 206, 142-153.	1.9	13
123	A roadmap for urban evolutionary ecology. <i>Evolutionary Applications</i> , 2019, 12, 384-398.	1.5	161
124	Characterization of the <i>Fundulus heteroclitus</i> embryo transcriptional response and development of a gene expression-based fingerprint of exposure for the alternative flame retardant, TBPH (bis) Tj ETQq0 0 0 rgBT /Overlock 104f 50 177 T		
125	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 46-60.	2.2	150
126	Higher than $\hat{\epsilon}$ or lower than $\hat{\epsilon}$? Evidence for the validity of the extrapolation of laboratory toxicity test results to predict the effects of chemicals and ionising radiation in the field. <i>Journal of Environmental Radioactivity</i> , 2020, 211, 105757.	0.9	1
127	Shared Patterns of Genome-Wide Differentiation Are More Strongly Predicted by Geography Than by Ecology. <i>American Naturalist</i> , 2020, 195, 192-200.	1.0	17

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128	Proximity to roads, but not exposure to metal pollution, is associated with accelerated developmental telomere shortening in nestling great tits. <i>Environmental Pollution</i> , 2020, 256, 113373.	3.7	16
129	Genetics and Oil: Transcriptomics, Epigenetics, and Population Genomics as Tools to Understand Animal Responses to Exposure Across Different Time Scales. , 2020, , 515-532.		4
130	Conservation Genomics in a Changing Arctic. <i>Trends in Ecology and Evolution</i> , 2020, 35, 149-162.	4.2	23
131	Tributyltin disrupts fin development in <i>Fundulus heteroclitus</i> from both PCB-sensitive and resistant populations: Investigations of potential interactions between AHR and PPAR β . <i>Aquatic Toxicology</i> , 2020, 218, 105334.	1.9	1
132	A population genomics approach to uncover the CNVs, and their evolutionary significance, hidden in reduced-coverage sequencing data sets. <i>Molecular Ecology</i> , 2020, 29, 4749-4753.	2.0	0
133	Decline in Distribution and Abundance: Urban Hedgehogs under Pressure. <i>Animals</i> , 2020, 10, 1606.	1.0	25
134	Genome-Wide Association Analysis Identifies a Genetic Basis of Infectivity in a Model Bacterial Pathogen. <i>Molecular Biology and Evolution</i> , 2020, 37, 3439-3452.	3.5	20
135	Sex-Specific Differences of Steroid Receptors Following Exposure to Environmentally Relevant Concentrations of Phenothiazine in <i>Fundulus heteroclitus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 258-269.	2.1	1
136	Ecological and Evolutionary Consequences of Anticancer Adaptations. <i>IScience</i> , 2020, 23, 101716.	1.9	10
137	Sources of individual variation in problem-solving performance in urban great tits (<i>Parus major</i>): Exploring effects of metal pollution, urban disturbance and personality. <i>Science of the Total Environment</i> , 2020, 749, 141436.	3.9	5
138	Contingent Convergence: The Ability To Detect Convergent Genomic Evolution Is Dependent on Population Size and Migration. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 677-693.	0.8	7
139	Demographic history and genomics of local adaptation in blue tit populations. <i>Evolutionary Applications</i> , 2020, 13, 1145-1165.	1.5	11
140	The ecological and evolutionary consequences of systemic racism in urban environments. <i>Science</i> , 2020, 369, .	6.0	293
141	Using asexual vertebrates to study genome evolution and animal physiology: Banded (Fundulus) Tj ETQq1 1 0.784314 rgBT /Overlock Applications, 2020, 13, 1214-1239.	1.5	8
142	Temporal changes in gene expression and genotype frequency of the ornithine decarboxylase gene in native silverside <i>Basilichthys microlepidotus</i> : Impact of wastewater reduction due to implementation of public policies. <i>Evolutionary Applications</i> , 2020, 13, 1183-1194.	1.5	5
143	Evolutionary Rescue Is Mediated by the History of Selection and Dispersal in Diversifying Metacommunities. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	4
144	Parallel Alpine Differentiation in <i>Arabidopsis arenosa</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 561526.	1.7	27
145	Urban biodiversity management using evolutionary tools. <i>Nature Ecology and Evolution</i> , 2020, 4, 903-910.	3.4	49

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146	Extreme genomic volatility characterizes the evolution of the immunoglobulin heavy chain locus in cyprinodontiform fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200489.	1.2	11
147	Aligning functional network constraint to evolutionary outcomes. <i>BMC Evolutionary Biology</i> , 2020, 20, 58.	3.2	7
148	Biologia Futura: adaptive changes in urban populations. <i>Biologia Futura</i> , 2020, 71, 1-8.	0.6	13
149	Evolutionary Physiology and Genomics in the Highly Adaptable Killifish (<i>Fundulus heteroclitus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	18
150	Do whitefish (<i>Coregonus lavaretus</i>) larvae show adaptive variation in the avoidance of microplastic ingestion?. <i>Environmental Pollution</i> , 2020, 262, 114353.	3.7	18
151	Rapid climate-driven evolution of the invasive species <i>Mytilus galloprovincialis</i> over the past century. <i>Anthropocene Coasts</i> , 2020, 3, 14-29.	0.6	13
152	Draft genome assemblies using sequencing reads from Oxford Nanopore Technology and Illumina platforms for four species of North American <i>Fundulus</i> killifish. <i>GigaScience</i> , 2020, 9, .	3.3	15
153	Evolutionary Toxicology—An Informational Tool for Chemical Regulation?. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 257-268.	2.2	12
154	Effects of Pollution on Fish Behavior, Personality, and Cognition: Some Research Perspectives. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	69
155	On biological evolution and environmental solutions. <i>Science of the Total Environment</i> , 2020, 724, 138194.	3.9	9
156	A Roadmap for Understanding the Evolutionary Significance of Structural Genomic Variation. <i>Trends in Ecology and Evolution</i> , 2020, 35, 561-572.	4.2	190
157	Genomic release-recapture experiment in the wild reveals within-generation polygenic selection in stickleback fish. <i>Nature Communications</i> , 2020, 11, 1928.	5.8	21
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