

From low to high gear: there has been a paradigm shift in

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Small-scale phenotypic differentiation along complex stream gradients in a non-native amphipod. <i>Frontiers in Zoology</i> , 2019, 16, 29.	2.0	17
2	Rapid local adaptation to northern winters in the invasive Asian tiger mosquito <i>Aedes albopictus</i> : A moving target. <i>Journal of Applied Ecology</i> , 2019, 56, 2518-2527.	4.0	42
3	Evolution, not transgenerational plasticity, explains the adaptive divergence of acorn ant thermal tolerance across an urban–rural temperature cline. <i>Evolutionary Applications</i> , 2019, 12, 1678-1687.	3.1	35
4	Experimental Studies of Evolution and Eco-Evo Dynamics in Guppies (<i>Poecilia reticulata</i>). <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019, 50, 335-354.	8.3	34
5	Microbiome composition shapes rapid genomic adaptation of <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20025-20032.	7.1	103
6	Eco–evolutionary dynamics of range expansion. <i>Ecology</i> , 2020, 101, e03139.	3.2	79
7	Rapid evolution and plasticity of genitalia. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1361-1370.	1.7	4
8	Evolution is a double-edged sword, not a silver bullet, to confront global change. <i>Annals of the New York Academy of Sciences</i> , 2020, 1469, 38-51.	3.8	21
9	From Nucleotides to Satellite Imagery: Approaches to Identify and Manage the Invasive Pathogen <i>Xylella fastidiosa</i> and Its Insect Vectors in Europe. <i>Sustainability</i> , 2020, 12, 4508.	3.2	64
10	Storm impacts on phytoplankton community dynamics in lakes. <i>Global Change Biology</i> , 2020, 26, 2756-2784.	9.5	144
11	Evolutionary Toxicology—An Informational Tool for Chemical Regulation?. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 257-268.	4.3	12
12	Rapid Genetic Divergence of an Invasive Species, <i>Spartina alterniflora</i> , in China. <i>Frontiers in Genetics</i> , 2020, 11, 284.	2.3	23
13	Effects of predation risk on egg steroid profiles across multiple populations of threespine stickleback. <i>Scientific Reports</i> , 2020, 10, 5239.	3.3	8
14	The semantics of evolutionary adaptation: clarification and evaluation. <i>Journal of Biological Education</i> , 2021, 55, 555-568.	1.5	1
15	A Whole-Genome Scan for Association with Invasion Success in the Fruit Fly <i>Drosophila suzukii</i> Using Contrasts of Allele Frequencies Corrected for Population Structure. <i>Molecular Biology and Evolution</i> , 2020, 37, 2369-2385.	8.9	57
16	A century later: Adaptive plasticity and rapid evolution contribute to geographic variation in invasive mosquitofish. <i>Science of the Total Environment</i> , 2020, 726, 137908.	8.0	26
17	Analyzing Disparity and Rates of Morphological Evolution with Model-Based Phylogenetic Comparative Methods. <i>Systematic Biology</i> , 2022, 71, 1054-1072.	5.6	7
18	Towards a more precise and accurate view of eco–evolution. <i>Ecology Letters</i> , 2021, 24, 623-625.	6.4	25

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19	In a nutshell, a reciprocal transplant experiment reveals local adaptation and fitness trade-offs in response to urban evolution in an acorn-dwelling ant. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 876-887.	2.3	28
20	Genetic identity and genotype × genotype interactions between symbionts outweigh species level effects in an insect microbiome. <i>ISME Journal</i> , 2021, 15, 2537-2546.	9.8	14
21	How is epigenetics predicted to contribute to climate change adaptation? What evidence do we need?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200119.	4.0	36
22	Highly diverse and highly successful: invasive Australian acacias have not experienced genetic bottlenecks globally. <i>Annals of Botany</i> , 2021, 128, 149-157.	2.9	18
23	Rapid Evolution of Invasive Weeds Under Climate Change: Present Evidence and Future Research Needs. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	34
24	The contribution of phenotypic traits, their plasticity, and rapid evolution to invasion success: insights from an extraordinary natural experiment. <i>Ecography</i> , 2021, 44, 1035-1050.	4.5	9
25	Embodied Computational Evolution: Feedback Between Development and Evolution in Simulated Biorobots. <i>Frontiers in Robotics and AI</i> , 2021, 8, 674823.	3.2	1
26	Understanding Organismal Capacity to Respond to Anthropogenic Change: Barriers and Solutions. <i>Integrative and Comparative Biology</i> , 2022, 61, 2132-2144.	2.0	5
27	Quantitative assessment of observed versus predicted responses to selection. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2217-2236.	2.3	8
28	Evolutionary Dynamics of Treatment-Induced Resistance in Cancer Informs Understanding of Rapid Evolution in Natural Systems. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	9
29	Does spatial sorting occur in the invasive Asian toad in Madagascar? Insights into the invasion unveiled by morphological analyses. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 2161-2169.	1.4	2
30	Evolution in Cities. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 519-540.	8.3	35
31	Rapid microgeographic evolution in response to climate change. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2930-2943.	2.3	6
32	Within- and Trans-Generational Environmental Adaptation to Climate Change: Perspectives and New Challenges. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
34	Can Eco-Evo Theory Explain Population Cycles in the Field?. <i>American Naturalist</i> , 2022, 199, 108-125.	2.1	5
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36	Acclimation of phytoplankton to diverse environmental variables at the initial operation stage of a free water surface constructed wetland. <i>Journal of Cleaner Production</i> , 2021, 317, 128442.	9.3	12
41	Changes in selection pressure can facilitate hybridization during biological invasion in a Cuban lizard. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17

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42	Integrating developmental plasticity into eco-evolutionary population dynamics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 129-137.	8.7	9
45	Incorporating evolutionary biology into invasive species management. , 2022, , 189-208.		0
46	Invasion genetics: Molecular genetic insights into the spatial and temporal dynamics of biological invasions. , 2022, , 159-188.		2
47	Life in the fast lane. , 2022, , 11-34.		0
49	Drivers of rapid evolution during biological invasions. , 2022, , 79-97.		0
50	Evolutionary impacts of invasive species on native species. , 2022, , 135-158.		1
51	The current state of research on the evolutionary ecology of invasive species. , 2022, , 99-133.		0
52	Evolvability: A Quantitative-Genetics Perspective. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 153-175.	8.3	36
54	Rapid evolution of life-history traits in response to warming, predation and competition: A meta-analysis. <i>Ecology Letters</i> , 2022, 25, 541-554.	6.4	12
55	How do invasion syndromes evolve? An experimental evolution approach using the ladybird <i>Harmonia axyridis</i> . , 0, 1, .		1
56	Invasive fish retain plasticity of naturally selected, but diverge in sexually selected traits. <i>Science of the Total Environment</i> , 2022, 811, 152386.	8.0	2
57	Off to new shores: Climate niche expansion in invasive mosquitofish (<i>Gambusia</i> spp.). <i>Ecology and Evolution</i> , 2021, 11, 18369-18400.	1.9	20
58	Parasites do not adapt to elevated temperature, as evidenced from experimental evolution of a phytoplankton-fungus system. <i>Biology Letters</i> , 2022, 18, 20210560.	2.3	3
59	Genotypic variation of transgenerational plasticity can be explained by environmental predictability at origins. <i>Oikos</i> , 2022, 2022, .	2.7	5
60	Origin and status of <i>Culex pipiens</i> mosquito ecotypes. <i>Current Biology</i> , 2022, 32, R237-R246.	3.9	36
61	Genome evolution in an agricultural pest following adoption of transgenic crops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
63	Phenotypic plasticity of the invasive apple snail, <i>Pomacea canaliculata</i> , in China: a morphological differentiation analysis. <i>Molluscan Research</i> , 0, , 1-12.	0.7	1
64	Coupling eco-evolutionary mechanisms with deep-time environmental dynamics to understand biodiversity patterns. <i>Ecography</i> , 2023, 2023, .	4.5	18

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67	Indigenous and introduced Collembola differ in desiccation resistance but not its plasticity in response to temperature. <i>Current Research in Insect Science</i> , 2023, 3, 100051.	1.7	2
68	Evolvability and trait function predict phenotypic divergence of plant populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	18
69	Introduction history and hybridization determine the hydric balance of an invasive lizard facing a recent climate niche shift. <i>Evolution; International Journal of Organic Evolution</i> , 2023, 77, 123-137.	2.3	2
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72	Experimentally simulating the evolution-to-ecology connection: Divergent predator morphologies alter natural food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	1
73	Rapidly evolved traits enable new conservation tools: perspectives from the cane toad invasion of Australia. <i>Evolution; International Journal of Organic Evolution</i> , 2023, 77, 1744-1755.	2.3	1
74	When will a changing climate outpace adaptive evolution?. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2023, 14, .	8.1	3
75	Population Regulation and Density-Dependent Demography in the Trinidadian Guppy. <i>American Naturalist</i> , 2023, 202, 413-432.	2.1	2
76	The contribution of mutation to variation in temperature-dependent sprint speed in zebrafish, <i>Danio rerio</i> . <i>American Naturalist</i> , 0, , .	2.1	1
77	Island colonisation leads to rapid behavioural and morphological divergence in <i>Anolis</i> lizards. <i>Evolutionary Ecology</i> , 0, , .	1.2	0
79	When adaptation is slowed down: Genomic analysis of evolutionary stasis in thermal tolerance during biological invasion in a novel climate. <i>Molecular Ecology</i> , 0, , .	3.9	1
80	Gut microbiota parallelism and divergence associated with colonisation of novel habitats. <i>Molecular Ecology</i> , 2023, 32, 5661-5672.	3.9	0
81	Intraspecific Genetic and Ecological Differentiation in Australian <i>Acacia</i> Species: Insights from <i>Acacia longifolia</i> . , 2023, , 103-117.		0
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