

# Michael T Kinnison

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

4,825  
citations

304743

22  
h-index

168389

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

5634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human influences on rates of phenotypic change in wild animal populations. <i>Molecular Ecology</i> , 2008, 17, 20-29.	3.9	592
2	The ecological importance of intraspecific variation. <i>Nature Ecology and Evolution</i> , 2018, 2, 57-64.	7.8	570
3	PERSPECTIVE: THE PACE OF MODERN LIFE: MEASURING RATES OF CONTEMPORARY MICROEVOLUTION. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1637-1653.	2.3	539
4	Human predators outpace other agents of trait change in the wild. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 952-954.	7.1	470
5	Perspective: The Pace of Modern Life: Measuring Rates of Contemporary Microevolution. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1637.	2.3	352
6	Eco-evolutionary conservation biology: contemporary evolution and the dynamics of persistence. <i>Functional Ecology</i> , 2007, 21, 444-454.	3.6	306
7	The pace of modern life II: from rates of contemporary microevolution to pattern and process. <i>Genetica</i> , 2001, 112/113, 145-164.	1.1	291
8	Evolutionary principles and their practical application. <i>Evolutionary Applications</i> , 2011, 4, 159-183.	3.1	230
9	Applying evolutionary biology to address global challenges. <i>Science</i> , 2014, 346, 1245993.	12.6	228
10	Fates beyond traits: ecological consequences of human-induced trait change. <i>Evolutionary Applications</i> , 2012, 5, 183-191.	3.1	200
11	Prescriptive Evolution to Conserve and Manage Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 1-22.	8.3	89
12	Eco-evolutionary vs. habitat contributions to invasion in salmon: experimental evaluation in the wild. <i>Molecular Ecology</i> , 2008, 17, 405-414.	3.9	85
13	Sex ratio variation shapes the ecological effects of a globally introduced freshwater fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151970.	2.6	82
14	Eco-Evolutionary Trophic Dynamics: Loss of Top Predators Drives Trophic Evolution and Ecology of Prey. <i>PLoS ONE</i> , 2011, 6, e18879.	2.5	71
15	Cryptic eco-evolutionary dynamics. <i>Annals of the New York Academy of Sciences</i> , 2015, 1360, 120-144.	3.8	62
16	Contemporary evolution meets conservation biology II: impediments to integration and application. <i>Ecological Research</i> , 2007, 22, 947-954.	1.5	48
17	Seasonal Distribution and Movements of Shortnose Sturgeon and Atlantic Sturgeon in the Penobscot River Estuary, Maine. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 1436-1449.	1.4	43
18	Survival of Migrating Atlantic Salmon Smolts through the Penobscot River, Maine: a Prerestoration Assessment. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1255-1268.	1.4	42

#	ARTICLE	IF	CITATIONS
19	Local adaptation reduces the metabolic cost of environmental warming. <i>Ecology</i> , 2018, 99, 2318-2326.	3.2	33
20	Eco-evolutionary effects on population recovery following catastrophic disturbance. <i>Evolutionary Applications</i> , 2011, 4, 354-366.	3.1	31
21	Eco-Evolutionary Dynamics of Sexual Dimorphism. <i>Trends in Ecology and Evolution</i> , 2019, 34, 591-594.	8.7	30
22	Initiation of migration and movement rates of Atlantic salmon smolts in fresh water. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1339-1351.	1.4	29
23	Feedbacks link ecosystem ecology and evolution across spatial and temporal scales: Empirical evidence and future directions. <i>Functional Ecology</i> , 2019, 33, 31-42.	3.6	26
24	The pace of modern life, revisited. <i>Molecular Ecology</i> , 2022, 31, 1028-1043.	3.9	26
25	Eco-evolutionary Feedbacks from Non-target Species Influence Harvest Yield and Sustainability. <i>Scientific Reports</i> , 2018, 8, 6389.	3.3	25
26	Movements of Prespaw Adult Atlantic Salmon Near Hydroelectric Dams in the Lower Penobscot River, Maine. <i>North American Journal of Fisheries Management</i> , 2009, 29, 495-505.	1.0	24
27	Recent warming reduces the reproductive advantage of large size and contributes to evolutionary downsizing in nature. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200608.	2.6	21
28	Reconsidering residency: characterization and conservation implications of complex migratory patterns of shortnose sturgeon ( <i>Acipenser brevirostrum</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 119-127.	1.4	20
29	Catchment-wide survival of wild- and hatchery-reared Atlantic salmon smolts in a changing system. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1352-1365.	1.4	19
30	Assessing dorsal scute microchemistry for reconstruction of shortnose sturgeon life histories. <i>Environmental Biology of Fishes</i> , 2015, 98, 2321-2335.	1.0	19
31	Shortnose Sturgeon in the Gulf of Maine: Use of Spawning Habitat in the Kennebec System and Response to Dam Removal. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 742-752.	1.4	19
32	Ontogenetic selection on hatchery salmon in the wild: natural selection on artificial phenotypes. <i>Evolutionary Applications</i> , 2010, 3, 340-351.	3.1	16
33	Genetic diversity from pre-bottleneck to recovery in two sympatric pinniped species in the Northwest Atlantic. <i>Conservation Genetics</i> , 2018, 19, 555-569.	1.5	15
34	In light of evolution: interdisciplinary challenges in food, health, and the environment. <i>Evolutionary Applications</i> , 2011, 4, 155-158.	3.1	13
35	Cascading effects of generalist fish introduction in oligotrophic lakes. <i>Hydrobiologia</i> , 2013, 711, 99-113.	2.0	13
36	Predator-induced phenotypic plasticity of shape and behavior: parallel and unique patterns across sexes and species. <i>Environmental Epigenetics</i> , 2017, 63, zow072.	1.8	13

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37	Fish trophic divergence along a lake productivity gradient revealed by historic patterns of invasion and eutrophication. <i>Freshwater Biology</i> , 2013, 58, 2517-2531.	2.4	12
38	Movements of Atlantic Sturgeon of the Gulf of Maine Inside and Outside of the Geographically Defined Distinct Population Segment. <i>Marine and Coastal Fisheries</i> , 2017, 9, 93-107.	1.4	12
39	Threats to Freshwater Fisheries in the United States: Perspectives and Investments of State Fisheries Administrators and Agricultural Experiment Station Directors. <i>Fisheries</i> , 2019, 44, 276-287.	0.8	12
40	Eco-evolutionary feedbacks link prey adaptation to predator performance. <i>Biology Letters</i> , 2019, 15, 20190626.	2.3	12
41	Prey adaptation along a competition-defense tradeoff cryptically shifts trophic cascades from density- to trait-mediated. <i>Oecologia</i> , 2020, 192, 767-778.	2.0	12
42	Habitat-mediated size selection in endangered Atlantic salmon fry: selectional restoration assessment. <i>Evolutionary Applications</i> , 2010, 3, 352-362.	3.1	9
43	Seasonal Density Dependence in Atlantic Salmon over Varying Spatial Scales. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 1642-1656.	1.4	9
44	Phenotypic and community consequences of captive propagation in mosquitofish. <i>Journal of Applied Ecology</i> , 2019, 56, 1538-1548.	4.0	9
45	Replicated Landscape Genomics Identifies Evidence of Local Adaptation to Urbanization in Wood Frogs. <i>Journal of Heredity</i> , 2019, 110, 707-719.	2.4	8
46	Atlantic Sturgeon Use of the Penobscot River and Marine Movements within and beyond the Gulf of Maine. <i>Marine and Coastal Fisheries</i> , 2017, 9, 216-230.	1.4	7
47	From southern swamps to cosmopolitan model: Humanity's unfinished history with mosquitofish. <i>Fish and Fisheries</i> , 2022, 23, 143-161.	5.3	7
48	Population divergence in fish elemental phenotypes associated with trophic phenotypes and lake trophic state. <i>Oecologia</i> , 2016, 182, 765-778.	2.0	6
49	Sex-Dependent Cold Tolerance at the Northern Invasive Range Limit of <i>Gambusia affinis</i> on Cape Cod, Massachusetts. <i>Copeia</i> , 2020, 108, .	1.3	5
50	The legacy of predator threat shapes prey foraging behaviour. <i>Oecologia</i> , 2022, 198, 79-89.	2.0	5
51	River Reach Restored by Dam Removal Offers Suitable Spawning Habitat for Endangered Shortnose Sturgeon. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 163-175.	1.4	4
52	Broad-scale Population Structure and Hatchery Introgression of Midwestern Brook Trout. <i>Transactions of the American Fisheries Society</i> , 2022, 151, 81-99.	1.4	2
53	Inconsistent evolution and growth "survival tradeoffs in <i>Gambusia affinis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212072.	2.6	2
54	Stepping Up: A U.S. Perspective on the Ten Steps to Responsible Inland Fisheries. <i>Fisheries</i> , 2022, 47, 68-77.	0.8	0