

T Reed

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,505
citations

257450

24
h-index

189892

50
g-index

57
all docs

57
docs citations

57
times ranked

5296
citing authors

#	ARTICLE	IF	CITATIONS
1	Directional selection and the evolution of breeding date in birds, revisited: Hard selection and the evolution of plasticity. <i>Evolution Letters</i> , 2022, 6, 178-188.	3.3	5
2	Escalating the conflict? Intersex genetic correlations influence adaptation to environmental change in facultatively migratory populations. <i>Evolutionary Applications</i> , 2022, 15, 773-789.	3.1	6
3	Evolution and Expression of the Immune System of a Facultatively Anadromous Salmonid. <i>Frontiers in Immunology</i> , 2021, 12, 568729.	4.8	7
4	The ecological causes and consequences of hard and soft selection. <i>Ecology Letters</i> , 2021, 24, 1505-1521.	6.4	24
5	Alternative migratory tactics in brown trout (<i>Salmo trutta</i>) are underpinned by divergent regulation of metabolic but not neurological genes. <i>Ecology and Evolution</i> , 2021, 11, 8347-8362.	1.9	3
6	Hyper- and Hypo-Osmoregulatory Performance of Atlantic Salmon (<i>Salmo salar</i>) Smolts Infected With <i>Pomphorhynchus tereticollis</i> (Acanthocephala). <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	1
7	Associations between metabolic traits and growth rate in brown trout (<i>Salmo trutta</i>) depend on thermal regime. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211509.	2.6	6
8	Captive-bred Atlantic salmon released into the wild have fewer offspring than wild-bred fish and decrease population productivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201671.	2.6	30
9	Spawning-related movements in a salmonid appear timed to reduce exposure to visually oriented predators. <i>Animal Behaviour</i> , 2020, 170, 65-79.	1.9	10
10	Telemetry and genetics reveal asymmetric dispersal of a lake-feeding salmonid between inflow and outflow spawning streams at a microgeographic scale. <i>Ecology and Evolution</i> , 2020, 10, 1762-1783.	1.9	11
11	Food and temperature stressors have opposing effects in determining flexible migration decisions in brown trout (<i>Salmo trutta</i>). <i>Global Change Biology</i> , 2020, 26, 2878-2896.	9.5	18
12	Development of a Double-Breakaway Pass Through PIT Tag Antenna System for Flood-Prone Rivers. <i>North American Journal of Fisheries Management</i> , 2020, 40, 952-958.	1.0	2
13	Metabolic traits in brown trout (<i>Salmo trutta</i>) vary in response to food restriction and intrinsic factors. , 2020, 8, coaa096.		9
14	Heritability estimation via molecular pedigree reconstruction in a wild fish population reveals substantial evolutionary potential for sea age at maturity, but not size within age classes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 790-805.	1.4	10
15	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019, 10, 3109.	12.8	285
16	False-negative detections from environmental DNA collected in the presence of large numbers of killer whales (<i>Orcinus orca</i>). <i>Environmental DNA</i> , 2019, 1, 316-328.	5.8	32
17	The Interplay Between Extrinsic and Intrinsic Factors in Determining Migration Decisions in Brown Trout (<i>Salmo trutta</i>): An Experimental Study. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	24
18	Evolutionary stasis of a heritable morphological trait in a wild fish population despite apparent directional selection. <i>Ecology and Evolution</i> , 2019, 9, 7096-7111.	1.9	14

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19	Anadromy, potamodromy and residency in brown trout (<i>Salmo trutta</i>): the role of genes and the environment. <i>Journal of Fish Biology</i> , 2019, 95, 692-718.	1.6	122
20	Can Arctic seabirds adapt to climate change?. <i>Functional Ecology</i> , 2019, 33, 2068-2070.	3.6	0
21	Maternal Effects in a Wild Songbird Are Environmentally Plastic but Only Marginally Alter the Rate of Adaptation. <i>American Naturalist</i> , 2018, 191, E144-E158.	2.1	5
22	The portfolio effect cushions mosquito populations and malaria transmission against vector control interventions. <i>Malaria Journal</i> , 2018, 17, 291.	2.3	0
23	Availability of holding habitat in lakes and rivers affects the incidence of spring (premature) upriver migration by Atlantic salmon. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 668-679.	1.4	11
24	Testing for biases in selection on avian reproductive traits and partitioning direct and indirect selection using quantitative genetic models. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2211-2225.	2.3	15
25	Environmental and genetic determinants of innovativeness in a natural population of birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150184.	4.0	49
26	The paradox of "premature migration" by adult anadromous salmonid fishes: patterns and hypotheses. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1015-1030.	1.4	113
27	Disrupted seasonal biology impacts health, food security and ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151453.	2.6	130
28	Skipped breeding in common guillemots in a changing climate: restraint or constraint?. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	28
29	The portfolio concept in ecology and evolution. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 257-263.	4.0	349
30	The signature of fine scale local adaptation in Atlantic salmon revealed from common garden experiments in nature. <i>Evolutionary Applications</i> , 2015, 8, 881-900.	3.1	13
31	Climate change and marine vertebrates. <i>Science</i> , 2015, 350, 772-777.	12.6	181
32	Response of chinook salmon to climate change. <i>Nature Climate Change</i> , 2015, 5, 613-615.	18.8	19
33	Quantifying heritable variation in fitness-related traits of wild, farmed and hybrid Atlantic salmon families in a wild river environment. <i>Heredity</i> , 2015, 115, 173-184.	2.6	31
34	Density dependence and microevolution interactively determine effects of phenology mismatch on population dynamics. <i>Oikos</i> , 2015, 124, 81-91.	2.7	20
35	Parasitism in early life: environmental conditions shape within brood variation in responses to infection. <i>Ecology and Evolution</i> , 2014, 4, 3408-3419.	1.9	21
36	Longitudinal bio-logging reveals interplay between extrinsic and intrinsic carry-over effects in a long-lived vertebrate. <i>Ecology</i> , 2014, 95, 2077-2083.	3.2	42

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37	Why climate change will invariably alter selection pressures on phenology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141611.	2.6	86
38	Molecular pedigree reconstruction and estimation of evolutionary parameters in a wild Atlantic salmon river system with incomplete sampling: a power analysis. <i>BMC Evolutionary Biology</i> , 2014, 14, 68.	3.2	19
39	Phenological mismatch strongly affects individual fitness but not population demography in a woodland passerine. <i>Journal of Animal Ecology</i> , 2013, 82, 131-144.	2.8	215
40	Feather mass and winter moult extent are heritable but not associated with fitness-related traits in a long-distance migratory bird. <i>Evolutionary Ecology</i> , 2013, 27, 1199-1216.	1.2	18
41	Predicting demographically sustainable rates of adaptation: can great tit breeding time keep pace with climate change?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120289.	4.0	115
42	Population Growth in a Wild Bird Is Buffered Against Phenological Mismatch. <i>Science</i> , 2013, 340, 488-491.	12.6	180
43	Impacts of Parasites in Early Life: Contrasting Effects on Juvenile Growth for Different Family Members. <i>PLoS ONE</i> , 2012, 7, e32236.	2.5	16
44	Timing in a fluctuating environment: environmental variability and asymmetric fitness curves can lead to adaptively mismatched avian reproduction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3161-3169.	2.6	46
45	Time to Evolve? Potential Evolutionary Responses of Fraser River Sockeye Salmon to Climate Change and Effects on Persistence. <i>PLoS ONE</i> , 2011, 6, e20380.	2.5	94
46	Interacting Effects of Phenotypic Plasticity and Evolution on Population Persistence in a Changing Climate. <i>Conservation Biology</i> , 2011, 25, 56-63.	4.7	245
47	Lake-specific variation in growth, migration timing and survival of juvenile sockeye salmon <i>Oncorhynchus nerka</i> : separating environmental from genetic influences. <i>Journal of Fish Biology</i> , 2010, 77, 692-705.	1.6	12
48	Phenotypic plasticity and population viability: the importance of environmental predictability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3391-3400.	2.6	352
49	Timing is everything: flexible phenology and shifting selection in a colonial seabird. <i>Journal of Animal Ecology</i> , 2009, 78, 376-387.	2.8	103
50	Reproductive Senescence in a Long-Lived Seabird: Rates of Decline in Late-Life Performance Are Associated with Varying Costs of Early Reproduction. <i>American Naturalist</i> , 2008, 171, E89-E101.	2.1	200
51	Parasite Treatment Affects Maternal Investment in Sons. <i>Science</i> , 2008, 321, 1681-1682.	12.6	27
52	Responding to environmental change: plastic responses vary little in a synchronous breeder. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2713-2719.	2.6	93
53	A Comparison of the Efficacy of Pond-Net and Box Sampling Methods in Turloughs – Irish Ephemeral Aquatic Systems. <i>Hydrobiologia</i> , 2004, 524, 133-144.	2.0	28
54	Entomological Surveillance as a Cornerstone of Malaria Elimination: A Critical Appraisal. , 0, , .		8

#	ARTICLE	IF	CITATIONS
55	Population genetics reveal patterns of natural colonisation of an ecologically and commercially important invasive fish. Canadian Journal of Fisheries and Aquatic Sciences, 0, , 1-15.	1.4	1