

# Jan Ohlberger

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,786  
citations

257450

24  
h-index

289244

40  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimum growth temperature declines with body size within fish species. <i>Global Change Biology</i> , 2022, 28, 2259-2271.	9.5	45
2	Age structure affects population productivity in an exploited fish species. <i>Ecological Applications</i> , 2022, 32, e2614.	3.8	16
3	Non-stationary and interactive effects of climate and competition on pink salmon productivity. <i>Global Change Biology</i> , 2022, 28, 2026-2040.	9.5	9
4	Incorporating demographic information into spawner-recruit analyses alters biological reference point estimates for a western Alaska salmon population. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 1755-1769.	1.4	6
5	Stochastic recruitment alters the frequencies of alternative life histories in age-structured populations. <i>Fish and Fisheries</i> , 2021, 22, 1307-1320.	5.3	1
6	The importance of variation in offspring body size for stability in cannibalistic populations. <i>Oikos</i> , 2020, 129, 59-69.	2.7	3
7	The reproductive value of large females: consequences of shifts in demographic structure for population reproductive potential in Chinook salmon. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1292-1301.	1.4	25
8	A Bayesian life-cycle model to estimate escapement at maximum sustained yield in salmon based on limited information. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 299-307.	1.4	3
9	Effects of warming climate and competition in the ocean for life-histories of Pacific salmon. <i>Nature Ecology and Evolution</i> , 2019, 3, 935-942.	7.8	44
10	Size-based ecological interactions drive food web responses to climate warming. <i>Ecology Letters</i> , 2019, 22, 778-786.	6.4	38
11	Resurgence of an apex marine predator and the decline in prey body size. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26682-26689.	7.1	32
12	Recruitment variation disrupts the stability of alternative life histories in an exploited salmon population. <i>Evolutionary Applications</i> , 2019, 12, 214-229.	3.1	16
13	Effects of past and projected river discharge variability on freshwater production in an anadromous fish. <i>Freshwater Biology</i> , 2018, 63, 331-340.	2.4	17
14	Demographic changes in Chinook salmon across the Northeast Pacific Ocean. <i>Fish and Fisheries</i> , 2018, 19, 533-546.	5.3	79
15	Temperature-dependent body size effects determine population responses to climate warming. <i>Ecology Letters</i> , 2018, 21, 181-189.	6.4	91
16	Cascading effects of mass mortality events in Arctic marine communities. <i>Global Change Biology</i> , 2017, 23, 283-292.	9.5	23
17	The effects of oil spills on marine fish: Implications of spatial variation in natural mortality. <i>Marine Pollution Bulletin</i> , 2017, 119, 102-109.	5.0	66
18	Population coherence and environmental impacts across spatial scales: a case study of Chinook salmon. <i>Ecosphere</i> , 2016, 7, e01333.	2.2	47

#	ARTICLE	IF	CITATIONS
19	Using a state-space population model to detect age-dependent species interactions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 811-818.	1.4	3
20	Pathogens trigger top-down climate forcing on ecosystem dynamics. <i>Oecologia</i> , 2016, 181, 519-532.	2.0	10
21	Population resilience to catastrophic mortality events during early life stages. <i>Ecological Applications</i> , 2015, 25, 1348-1356.	3.8	16
22	Stochasticity and Determinism: How Density-Independent and Density-Dependent Processes Affect Population Variability. <i>PLoS ONE</i> , 2014, 9, e98940.	2.5	32
23	When phenology matters: age-size truncation alters population response to trophic mismatch. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140938.	2.6	45
24	Contrasting evolutionary demography induced by fishing: the role of adaptive phenotypic plasticity. , 2014, 24, 1101-1114.		34
25	Effects of Climate Change on Trait-Based Dynamics of a Top Predator in Freshwater Ecosystems. <i>American Naturalist</i> , 2014, 183, 243-256.	2.1	48
26	Adaptive Phenotypic Diversification along a Temperature-Depth Gradient. <i>American Naturalist</i> , 2013, 182, 359-373.	2.1	21
27	Biotic and abiotic effects on cohort size distributions in fish. <i>Oikos</i> , 2013, 122, 835-844.	2.7	12
28	Climate warming and ectotherm body size – from individual physiology to community ecology. <i>Functional Ecology</i> , 2013, 27, 991-1001.	3.6	266
29	Community-Level Consequences of Cannibalism. <i>American Naturalist</i> , 2012, 180, 791-801.	2.1	17
30	Ecological commonalities among pelagic fishes: comparison of freshwater ciscoes and marine herring and sprat. <i>Marine Biology</i> , 2012, 159, 2583-2603.	1.5	7
31	Intraspecific temperature dependence of the scaling of metabolic rate with body mass in fishes and its ecological implications. <i>Oikos</i> , 2012, 121, 245-251.	2.7	88
32	Does increasing mortality change the response of fish populations to environmental fluctuations?. <i>Ecology Letters</i> , 2012, 15, 658-665.	6.4	70
33	Six decades of pike and perch population dynamics in Windermere. <i>Fisheries Research</i> , 2011, 109, 131-139.	1.7	29
34	Stage-specific biomass overcompensation by juveniles in response to increased adult mortality in a wild fish population. <i>Ecology</i> , 2011, 92, 2175-2182.	3.2	55
35	Cyclic temperatures influence growth efficiency and biochemical body composition of vertically migrating fish. <i>Freshwater Biology</i> , 2011, 56, 1554-1566.	2.4	19
36	Pathogen-induced rapid evolution in a vertebrate life-history trait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 35-41.	2.6	34

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37	Temperature-Driven Regime Shifts in the Dynamics of Size-Structured Populations. <i>American Naturalist</i> , 2011, 177, 211-223.	2.1	76
38	Temperature-related physiological adaptations promote ecological divergence in a sympatric species pair of temperate freshwater fish, <i>Coregonus</i> spp.. <i>Functional Ecology</i> , 2008, 22, 501-508.	3.6	72
39	Is ecological segregation in a pair of sympatric coregonines supported by divergent feeding efficiencies?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2105-2113.	1.4	34
40	Estimating the active metabolic rate (AMR) in fish based on tail beat frequency (TBF) and body mass. <i>Journal of Experimental Zoology</i> , 2007, 307A, 296-300.	1.2	27
41	Effects of temperature, swimming speed and body mass on standard and active metabolic rate in vendace ( <i>Coregonus albula</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007, 177, 905-916.	1.5	64
42	Swimming efficiency and the influence of morphology on swimming costs in fishes. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006, 176, 17-25.	1.5	104
43	Modelling energetic costs of fish swimming. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005, 303A, 657-664.	1.3	36
44	The chromaffin system of the beluga sturgeon <i>Huso huso</i> (Chondrostei): Histological, immunohistochemical and ultrastructural study. <i>Italian Journal of Zoology</i> , 2004, 71, 279-285.	0.6	4