

Annika W Walters

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

895
citations

567281

15
h-index

526287

27
g-index

50
all docs

50
docs citations

50
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating early-warning indicators of critical transitions in natural aquatic ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8089-E8095.	7.1	101
2	How low can you go? Impacts of a low-flow disturbance on aquatic insect communities. , 2011, 21, 163-174.		95
3	Anadromous alewives (<i>Alosa pseudoharengus</i>) contribute marine-derived nutrients to coastal stream food webs. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 439-448.	1.4	90
4	AN EXPERIMENTAL DISTURBANCE ALTERS FISH SIZE STRUCTURE BUT NOT FOOD CHAIN LENGTH IN STREAMS. Ecology, 2008, 89, 3261-3267.	3.2	63
5	Nutrient loading by anadromous alewife (<i>Alosa pseudoharengus</i>): contemporary patterns and predictions for restoration efforts. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1211-1220.	1.4	61
6	The density dilemma: limitations on juvenile production in threatened salmon populations. Ecology of Freshwater Fish, 2013, 22, 508-519.	1.4	34
7	Stream Vulnerability to Widespread and Emergent Stressors: A Focus on Unconventional Oil and Gas. PLoS ONE, 2015, 10, e0137416.	2.5	31
8	Nutrient Excretion Rates of Anadromous Alewives during Their Spawning Migration. Transactions of the American Fisheries Society, 2009, 138, 264-268.	1.4	30
9	The effectiveness of surrogate taxa to conserve freshwater biodiversity. Conservation Biology, 2018, 32, 183-194.	4.7	28
10	Variable hybridization outcomes in trout are predicted by historical fish stocking and environmental context. Molecular Ecology, 2019, 28, 3738-3755.	3.9	28
11	Resistance of aquatic insects to a low-flow disturbance: exploring a trait-based approach. Journal of the North American Benthological Society, 2011, 30, 346-356.	3.1	26
12	The importance of context dependence for understanding the effects of low-flow events on fish. Freshwater Science, 2016, 35, 216-228.	1.8	26
13	Interactive Effects of Water Diversion and Climate Change for Juvenile Chinook Salmon in the Lemhi River Basin (U.S.A.). Conservation Biology, 2013, 27, 1179-1189.	4.7	25
14	Population connectivity and genetic structure of burbot (<i>Lota lota</i>) populations in the Wind River Basin, Wyoming. Hydrobiologia, 2016, 765, 329-342.	2.0	25
15	The interaction of exposure and warming tolerance determines fish species vulnerability to warming stream temperatures. Biology Letters, 2018, 14, 20180342.	2.3	23
16	Species- and community-level responses combine to drive phenology of lake phytoplankton. Ecology, 2013, 94, 2188-2194.	3.2	20
17	Toward Improved Understanding of Streamflow Effects on Freshwater Fishes. Fisheries, 2022, 47, 290-298.	0.8	18
18	Integrating Fish Assemblage Data, Modeled Stream Temperatures, and Thermal Tolerance Metrics to Develop Thermal Guilds for Water Temperature Regulation: Wyoming Case Study. Transactions of the American Fisheries Society, 2019, 148, 739-754.	1.4	17

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19	Infection Status as the Basis for Habitat Choices in a Wild Amphibian. <i>American Naturalist</i> , 2021, 197, 128-137.	2.1	16
20	Quantifying Cumulative Entrainment Effects for Chinook Salmon in a Heavily Irrigated Watershed. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 1180-1190.	1.4	14
21	Effects of Multiple Nonnative Fish on an Imperiled Cyprinid, Hornyhead Chub. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 1132-1145.	1.4	13
22	Landscape-scale determinants of native and non-native Great Plains fish distributions. <i>Diversity and Distributions</i> , 2016, 22, 225-238.	4.1	12
23	Anthropogenic land-use change intensifies the effect of low flows on stream fishes. <i>Journal of Applied Ecology</i> , 2020, 57, 149-159.	4.0	10
24	Evaluation of Potential Translocation Sites for an Imperiled Cyprinid, the Hornyhead Chub. <i>North American Journal of Fisheries Management</i> , 2019, 39, 205-218.	1.0	8
25	Evaluating relationships between native fishes and habitat in streams affected by oil and natural gas development. <i>Fisheries Management and Ecology</i> , 2018, 25, 366-379.	2.0	7
26	Combining Genetic, Isotopic, and Field Data to Better Describe the Influence of Dams and Diversions on Burbot Movement in the Wind River Drainage, Wyoming. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 606-620.	1.4	6
27	A mechanistic understanding of ecological responses to land-use change in headwater streams. <i>Ecosphere</i> , 2019, 10, e02907.	2.2	6
28	Life-history variation of two inland salmonids revealed through otolith microchemistry analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1971-1981.	1.4	6
29	Multiple approaches to surface water quality assessment provide insight for small streams experiencing oil and natural gas development. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 385-397.	2.9	6
30	Biotic and abiotic determinants of finescale dace distribution at the southern edge of their range. <i>Diversity and Distributions</i> , 2021, 27, 696-709.	4.1	6
31	Livestock grazing, climatic variation, and breeding phenology jointly shape disease dynamics and survival in a wild amphibian. <i>Biological Conservation</i> , 2021, 261, 109247.	4.1	6
32	Climatic drivers and ecological impacts of a rapid range expansion by non-native smallmouth bass. <i>Biological Invasions</i> , 2022, 24, 1311-1326.	2.4	6
33	Historical Data Provide Important Context for Understanding Declines in Cutthroat Trout. <i>North American Journal of Fisheries Management</i> , 2021, 41, 809-819.	1.0	5
34	Warmer temperatures interact with salinity to weaken physiological facilitation to stress in freshwater fishes. , 2020, 8, coaa107.		5
35	Quantifying ⁸⁷ Sr/ ⁸⁶ Sr temporal stability and spatial heterogeneity for use in tracking fish movement. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 928-936.	1.4	4
36	Historical data reveal fish assemblage shifts in an unregulated prairie river. <i>Ecosphere</i> , 2015, 6, art287.	2.2	3

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37	Informed breeding dispersal following stochastic changes to patch quality in a pond-breeding amphibian. <i>Journal of Animal Ecology</i> , 2021, 90, 1878-1890.	2.8	3
38	Stage-Specific Environmental Correlates of Reproductive Success in Boreal Toads (<i>Anaxyrus boreas</i>). <i>Journal of Herpetology</i> , 2021, 55, 101-110.	0.5	3
39	Temporal segregation in spawning between native Yellowstone cutthroat trout and introduced rainbow trout. <i>Ecology of Freshwater Fish</i> , 2023, 32, 94-106.	1.4	2
40	Hybridization decreases native cutthroat trout reproductive fitness. <i>Molecular Ecology</i> , 2021, 30, 1000-1010.	3.9	2
41	Movement Dynamics and Survival of Stocked Colorado River Cutthroat Trout. <i>Transactions of the American Fisheries Society</i> , 2021, 150, 1000-1010.	1.4	1
42	Comparison of burbot populations across adjacent native and introduced ranges. <i>Aquatic Invasions</i> , 2017, 12, 251-262.	1.6	1
43	Identifying Translocation Sites for a Climate Relict Population of Finescale Dace. <i>Transactions of the American Fisheries Society</i> , 2022, 151, 245-259.	1.4	1
44	Rapid colonisation post-displacement contributes to native fish resilience. <i>Ecology of Freshwater Fish</i> , 2022, 31, 347-357.	1.4	0