

Robert H Hilderbrand

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,818
citations

361413

20
h-index

276875

41
g-index

51
all docs

51
docs citations

51
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial communities can predict the ecological condition of headwater streams. PLoS ONE, 2020, 15, e0236932.	2.5	7
2	Headwater Stream Microbial Diversity and Function across Agricultural and Urban Land Use Gradients. Applied and Environmental Microbiology, 2020, 86, .	3.1	12
3	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
4	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
5	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
6	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
7	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
8	Microbial communities can predict the ecological condition of headwater streams. , 2020, 15, e0236932.		0
9	Variations in Tissue Mercury Contents in Three Species of Adult Salamanders in Streams in Western Maryland. Archives of Environmental Contamination and Toxicology, 2019, 76, 435-441.	4.1	0
10	Mercury Concentrations in Northern Two-Lined Salamanders from Stream Ecosystems in Garrett County, Maryland. Archives of Environmental Contamination and Toxicology, 2018, 75, 17-24.	4.1	3
11	Environmental <sc>DNA</sc> genetic monitoring of the nuisance freshwater diatom, <i>Didymosphenia geminata</i>, in eastern North American streams. Diversity and Distributions, 2017, 23, 381-393.	4.1	12
12	Spatiotemporal Stability Patterns of Brook Trout Abundance and Implications for Stream Research and Monitoring. North American Journal of Fisheries Management, 2017, 37, 353-362.	1.0	3
13	Using maximum entropy to predict suitable habitat for the endangered dwarf wedgemussel in the Maryland Coastal Plain. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 462-475.	2.0	5
14	A Comparison of Circle Hook Size on Hooking Success, Deep Hooking Rate, and Postrelease Mortality of Hatchery-Reared Rainbow Trout. North American Journal of Fisheries Management, 2016, 36, 254-258.	1.0	6
15	A Comparison of Catchability and Mortality with Circle and J Hooks for Stream-Dwelling Brook Trout. North American Journal of Fisheries Management, 2016, 36, 259-266.	1.0	6
16	Hiding in Plain Sight: A Case for Cryptic Metapopulations in Brook Trout (<i>Salvelinus fontinalis</i>). PLoS ONE, 2016, 11, e0146295.	2.5	12
17	Spatial Structure of Morphological and Neutral Genetic Variation in Brook Trout. Transactions of the American Fisheries Society, 2015, 144, 480-490.	1.4	11
18	Ecological Thresholds and Resilience in Streams. GeoPlanet: Earth and Planetary Sciences, 2015, , 461-478.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Fish and Benthic Macroinvertebrate Densities in Small Streams with and without American Eels. Transactions of the American Fisheries Society, 2014, 143, 700-708.	1.4	5
20	Rapid Colonization of the Potomac River Drainage by the Rainbow Darter (<i>Etheostoma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 702 Td	0.3	4
21	Offshore Activity of Bats Along the Mid-Atlantic Coast. Northeastern Naturalist, 2014, 21, 154-163.	0.3	16
22	Regional and Local Scale Modeling of Stream Temperatures and Spatio-Temporal Variation in Thermal Sensitivities. Environmental Management, 2014, 54, 14-22.	2.7	34
23	Assessing national park resource condition along an urban-rural gradient in and around Washington, DC, USA. Ecological Indicators, 2014, 42, 147-159.	6.3	14
24	Rapid Visual Assessment to Determine Sex in Brook Trout. North American Journal of Fisheries Management, 2013, 33, 665-668.	1.0	12
25	Comparing the Fish and Benthic Macroinvertebrate Diversity of Restored Urban Streams to Reference Streams. Restoration Ecology, 2012, 20, 747-755.	2.9	98
26	Interregional variation in urbanization-induced geomorphic change and macroinvertebrate habitat colonization in headwater streams. Journal of the North American Benthological Society, 2011, 30, 25-37.	3.1	20
27	Variation in physicochemical responses to urbanization in streams between two Mid-Atlantic physiographic regions. , 2011, 21, 402-415.		34
28	Applying thresholds to forecast potential biodiversity loss from human development. Journal of the North American Benthological Society, 2010, 29, 1009-1016.	3.1	47
29	Thresholds, breakpoints, and nonlinearity in freshwaters as related to management. Journal of the North American Benthological Society, 2010, 29, 988-997.	3.1	157
30	Regional differences in patterns of fish species loss with changing land use. Biological Conservation, 2010, 143, 688-699.	4.1	70
31	Altered Ecological Flows Blur Boundaries in Urbanizing Watersheds. Ecology and Society, 2009, 14, .	2.3	27
32	The Effects of Varied Densities on the Growth and Emigration of Adult Cutthroat Trout and Brook Trout in Fenced Stream Enclosures. Western North American Naturalist, 2009, 69, 371-381.	0.4	3
33	A comparison of techniques to sample salamander assemblages along highland streams of Maryland. Environmental Monitoring and Assessment, 2009, 156, 1-16.	2.7	12
34	Forecasting the combined effects of urbanization and climate change on stream ecosystems: from impacts to management options. Journal of Applied Ecology, 2009, 46, 154-163.	4.0	144
35	Identifying regional differences in threshold responses of aquatic invertebrates to land cover gradients. Ecological Indicators, 2009, 9, 556-567.	6.3	109
36	Brook Trout Declines with Land Cover and Temperature Changes in Maryland. North American Journal of Fisheries Management, 2008, 28, 1223-1232.	1.0	73

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37	Evaluating population persistence of Delmarva fox squirrels and potential impacts of climate change. <i>Biological Conservation</i> , 2007, 137, 70-77.	4.1	9
38	Relationship Between Wetlands and Mercury in Brook Trout. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 97-103.	4.1	16
39	The Myths of Restoration Ecology. <i>Ecology and Society</i> , 2005, 10, .	2.3	322
40	Movements of Fluvial Bonneville Cutthroat Trout in the Thomas Fork of the Bear River, Idahoâ€“Wyoming. <i>North American Journal of Fisheries Management</i> , 2005, 25, 954-963.	1.0	27
41	Are There Differences in Growth and Condition between Mobile and Resident Cutthroat Trout?. <i>Transactions of the American Fisheries Society</i> , 2004, 133, 1042-1046.	1.4	29
42	The role of dilution and differential predation in brood adoptions of the Midas cichlid (<i>Amphilophus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	1
43	Influence of Habitat Type on Food Supply, Selectivity, and Diet Overlap of Bonneville Cutthroat Trout and Nonnative Brook Trout in Beaver Creek, Idaho. <i>North American Journal of Fisheries Management</i> , 2004, 24, 33-40.	1.0	37
44	Relations between Physical Habitat and American Eel Abundance in Five River Basins in Maryland. <i>Transactions of the American Fisheries Society</i> , 2004, 133, 515-526.	1.4	26
45	The roles of carrying capacity, immigration, and population synchrony on persistence of stream-resident cutthroat trout. <i>Biological Conservation</i> , 2003, 110, 257-266.	4.1	65
46	Simulating Supplementation Strategies for Restoring and Maintaining Stream Resident Cutthroat Trout Populations. <i>North American Journal of Fisheries Management</i> , 2002, 22, 879-887.	1.0	34
47	Movement Patterns of Stream-Resident Cutthroat Trout in Beaver Creek, Idahoâ€“Utah. <i>Transactions of the American Fisheries Society</i> , 2000, 129, 1160-1170.	1.4	76
48	Conserving Inland Cutthroat Trout in Small Streams: How Much Stream is Enough?. <i>North American Journal of Fisheries Management</i> , 2000, 20, 513-520.	1.0	92
49	Influence of large woody debris on stream insect communities and benthic detritus. <i>Hydrobiologia</i> , 2000, 421, 179-185.	2.0	68
50	Habitat Sequencing and the Importance of Discharge in Inferences. <i>North American Journal of Fisheries Management</i> , 1999, 19, 198-202.	1.0	15
51	Design Considerations for Large Woody Debris Placement in Stream Enhancement Projects. <i>North American Journal of Fisheries Management</i> , 1998, 18, 161-167.	1.0	37