

Joel C Hoffman

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,145
citations

361413

20
h-index

414414

32
g-index

48
all docs

48
docs citations

48
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	Early detection monitoring for non-indigenous fishes; comparison of survey approaches during two species introductions in a Great Lakes port. <i>Biological Invasions</i> , 2022, 24, 463-478.	2.4	4
2	The Eco-Exposome Concept: Supporting an Integrated Assessment of Mixtures of Environmental Chemicals. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 30-45.	4.3	25
3	Invasive <i>Dreissena</i> Mussel Coastal Transport From an Already Invaded Estuary to a Nearby Archipelago Detected in DNA and Zooplankton Surveys. <i>Frontiers in Marine Science</i> , 2022, 9, 1-818738.	2.5	15
4	Autonomous underwater glider observations in southern Lake Ontario and Niagara River plume. <i>Aquatic Ecosystem Health and Management</i> , 2022, 25, 102-113.	0.6	1
5	Foraging Ecology Differentiates Life Stages and Mercury Exposure in Common Terns (<i>Sterna</i>). <i>Journal of Great Lakes Research</i> , 2021, 47, 1029-1036.	2.9	6
6	Evaluating the performance of DNA metabarcoding for assessment of zooplankton communities in Western Lake Superior using multiple markers. <i>Metabarcoding and Metagenomics</i> , 2021, 5, 83-97.	0.0	9
7	Examining historical mercury sources in the Saint Louis River estuary: How legacy contamination influences biological mercury levels in Great Lakes coastal regions. <i>Science of the Total Environment</i> , 2021, 779, 146284.	8.0	13
8	Enhanced Susceptibility of Methylmercury Bioaccumulation into Seston of the Laurentian Great Lakes. <i>Environmental Science & Technology</i> , 2021, 55, 12714-12723.	10.0	15
9	Dietary niche and growth rate of the nonnative tubenose goby (<i>Proterorhinus semilunaris</i>) in the Lake Superior basin. <i>Journal of Great Lakes Research</i> , 2020, 46, 1358-1368.	1.9	0
10	Habitat use and food sources of European flounder larvae (<i>Platichthys flesus</i> , L. 1758) across the Minho River estuary salinity gradient (NW Iberian Peninsula). <i>Regional Studies in Marine Science</i> , 2020, 34, 101196.	0.7	4
11	Feather mercury increases with feeding at higher trophic levels in two species of migrant raptors, Merlin (<i>Falco columbarius</i>) and Sharp-shinned Hawk (<i>Accipiter striatus</i>). <i>Condor</i> , 2020, 122, .	1.6	9
12	Influence of demographics, exposure, and habitat use in an urban, coastal river on tumor prevalence in a demersal fish. <i>Science of the Total Environment</i> , 2020, 712, 136512.	8.0	5
13	Goals, beneficiaries, and indicators of waterfront revitalization in Great Lakes Areas of Concern and coastal communities. <i>Journal of Great Lakes Research</i> , 2019, 45, 851-863.	1.9	36
14	<i>Dreissena</i> veligers in western Lake Superior – Inference from new low-density detection. <i>Journal of Great Lakes Research</i> , 2019, 45, 691-699.	1.9	11
15	Mercury source changes and food web shifts alter contamination signatures of predatory fish from Lake Michigan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23600-23608.	7.1	35
16	Relative contributions of nearshore and wetland habitats to coastal food webs in the Great Lakes. <i>Journal of Great Lakes Research</i> , 2019, 45, 129-137.	1.9	5
17	Resolving taxonomic ambiguities: Effects on rarity, projected richness, and indices in macroinvertebrate datasets. <i>Ecological Indicators</i> , 2019, 98, 137-148.	6.3	9
18	Pathways and places associated with nonindigenous aquatic species introductions in the Laurentian Great Lakes. <i>Hydrobiologia</i> , 2018, 817, 23-40.	2.0	17

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19	Benthic food webs support the production of sympatric flatfish larvae in estuarine nursery habitat. <i>Fisheries Oceanography</i> , 2017, 26, 507-512.	1.7	9
20	Early detection monitoring for aquatic non-indigenous species: Optimizing surveillance, incorporating advanced technologies, and identifying research needs. <i>Journal of Environmental Management</i> , 2017, 202, 299-310.	7.8	77
21	A review of Ruffe (<i>Gymnocephalus cernua</i>) life history in its native versus non-native range. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 213-233.	4.9	14
22	Reconstructing fish movements between coastal wetland and nearshore habitats of the Great Lakes. <i>Limnology and Oceanography</i> , 2016, 61, 1800-1813.	3.1	20
23	Water quality in the St. Louis River Area of Concern, Lake Superior: Historical and current conditions and delisting implications. <i>Journal of Great Lakes Research</i> , 2016, 42, 28-38.	1.9	21
24	Sampling Design for Early Detection of Aquatic Invasive Species in Great Lakes Ports. <i>Fisheries</i> , 2016, 41, 26-37.	0.8	15
25	Potential for DNA-based identification of Great Lakes fauna: match and mismatch between taxa inventories and DNA barcode libraries. <i>Scientific Reports</i> , 2015, 5, 12162.	3.3	34
26	Fish tissue lipid $\delta^{13}C$ relationships for correcting $\delta^{13}C$ values and estimating lipid content in aquatic food web studies. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2069-2077.	1.5	48
27	Coastal Wetland Support of Great Lakes Fisheries: Progress from Concept to Quantification. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 352-372.	1.4	29
28	Landscape-Scale Food Webs of Fish Nursery Habitat Along a River-Coast Mixing Zone. <i>Estuaries and Coasts</i> , 2015, 38, 1335-1349.	2.2	18
29	Linking terrestrial and benthic estuarine ecosystems: organic matter sources supporting the high secondary production of a non-indigenous bivalve. <i>Biological Invasions</i> , 2014, 16, 2163-2179.	2.4	25
30	Health of white sucker within the St. Louis River area of concern associated with habitat usage as assessed using stable isotopes. <i>Ecotoxicology</i> , 2014, 23, 236-251.	2.4	13
31	Depth gradients in food web processes linking habitats in large lakes: Lake Superior as an exemplar ecosystem. <i>Freshwater Biology</i> , 2014, 59, 2122-2136.	2.4	69
32	Habitat and diet differentiation by two strains of rainbow trout in Lake Superior based on archival tags, stable isotopes, and bioenergetics. <i>Journal of Great Lakes Research</i> , 2013, 39, 578-590.	1.9	8
33	A review of selected ecosystem services provided by coastal wetlands of the Laurentian Great Lakes. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 92-106.	0.6	90
34	Using $\delta^{15}N$ in Fish Larvae as an Indicator of Watershed Sources of Anthropogenic Nitrogen: Response at Multiple Spatial Scales. <i>Estuaries and Coasts</i> , 2012, 35, 1453-1467.	2.2	31
35	Effort and potential efficiencies for aquatic non-native species early detection. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 2064-2079.	1.4	34
36	Establishment patterns of non-native fishes: Lessons from the Duluth-Superior harbor and lower St. Louis River, an invasion-prone Great Lakes coastal ecosystem. <i>Journal of Great Lakes Research</i> , 2011, 37, 349-358.	1.9	13

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37	Rapid stable isotope turnover of larval fish in a Lake Superior coastal wetland: Implications for diet and life history studies. <i>Aquatic Ecosystem Health and Management</i> , 2011, 14, 403-413.	0.6	16
38	Using Stable Isotope Mixing in a Great Lakes Coastal Tributary to Determine Food Web Linkages in Young Fishes. <i>Estuaries and Coasts</i> , 2010, 33, 1391-1405.	2.2	38
39	Status of non-indigenous benthic invertebrates in the Duluth "Superior Harbor and the role of sampling methods in their detection. <i>Journal of Great Lakes Research</i> , 2010, 36, 747-756.	1.9	16
40	Lipid correction for carbon stable isotope analysis of deep-sea fishes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 956-964.	1.4	105
41	Estimation of Bottom Trawl Catch Efficiency for Two Demersal Fishes, the Atlantic Croaker and White Perch, in Chesapeake Bay. <i>Marine and Coastal Fisheries</i> , 2009, 1, 255-269.	1.4	21
42	Exploiting habitat and gear patterns for efficient detection of rare and non-native benthos and fish in Great Lakes coastal ecosystems. <i>Aquatic Invasions</i> , 2009, 4, 651-667.	1.6	24
43	Overwintering habitats of migratory juvenile American shad in Chesapeake Bay. <i>Environmental Biology of Fishes</i> , 2008, 81, 329-345.	1.0	14
44	Organic Matter Sources Supporting Lower Food Web Production in the Tidal Freshwater Portion of the York River Estuary, Virginia. <i>Estuaries and Coasts</i> , 2008, 31, 898-911.	2.2	60
45	Tracking Nursery Habitat Use in the York River Estuary, Virginia, by Young American Shad Using Stable Isotopes. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 1285-1297.	1.4	26
46	Contribution of allochthonous carbon to American shad production in the Mattaponi River, Virginia, using stable isotopes. <i>Estuaries and Coasts</i> , 2007, 30, 1034-1048.	2.2	28
47	Cohort-Specific Growth and Mortality of Juvenile American Shad in the Pamunkey River, Virginia. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 1-18.	1.4	10