Joel C Hoffman

List of Publications by Year
in descending order

47	1,145	361413	414414
papers	citations	20 h-index	32 g-index

48	48	48	1424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid correction for carbon stable isotope analysis of deep-sea fishes. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 956-964.	1.4	105
2	A review of selected ecosystem services provided by coastal wetlands of the Laurentian Great Lakes. Aquatic Ecosystem Health and Management, 2012, 15, 92-106.	0.6	90
3	Early detection monitoring for aquatic non-indigenous species: Optimizing surveillance, incorporating advanced technologies, andÂidentifying research needs. Journal of Environmental Management, 2017, 202, 299-310.	7.8	77
4	Depth gradients in foodâ€web processes linking habitats in large lakes: <scp>L</scp>ake <scp>S</scp>uperior as an exemplar ecosystem. Freshwater Biology, 2014, 59, 2122-2136.	2.4	69
5	Organic Matter Sources Supporting Lower Food Web Production in the Tidal Freshwater Portion of the York River Estuary, Virginia. Estuaries and Coasts, 2008, 31, 898-911.	2.2	60
6	Fish tissue lipidâ€C:N relationships for correcting Î´¹³C values and estimating lipid content in aquatic foodâ€web studies. Rapid Communications in Mass Spectrometry, 2015, 29, 2069-2077.	1.5	48
7	Using Stable Isotope Mixing in a Great Lakes Coastal Tributary to Determine Food Web Linkages in Young Fishes. Estuaries and Coasts, 2010, 33, 1391-1405.	2.2	38
8	Goals, beneficiaries, and indicators of waterfront revitalization in Great Lakes Areas of Concern and coastal communities. Journal of Great Lakes Research, 2019, 45, 851-863.	1.9	36
9	Mercury source changes and food web shifts alter contamination signatures of predatory fish from Lake Michigan. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23600-23608.	7.1	35
10	Effort and potential efficiencies for aquatic non-native species early detection. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 2064-2079.	1.4	34
11	Potential for DNA-based identification of Great Lakes fauna: match and mismatch between taxa inventories and DNA barcode libraries. Scientific Reports, 2015, 5, 12162.	3.3	34
12	Using Î´15N in Fish Larvae as an Indicator of Watershed Sources of Anthropogenic Nitrogen: Response at Multiple Spatial Scales. Estuaries and Coasts, 2012, 35, 1453-1467.	2.2	31
13	Coastal Wetland Support of Great Lakes Fisheries: Progress from Concept to Quantification. Transactions of the American Fisheries Society, 2015, 144, 352-372.	1.4	29
14	Contribution of allochthonous carbon to American shad production in the Mattaponi River, Virginia, using stable isotopes. Estuaries and Coasts, 2007, 30, 1034-1048.	2.2	28
15	Tracking Nursery Habitat Use in the York River Estuary, Virginia, by Young American Shad Using Stable Isotopes. Transactions of the American Fisheries Society, 2007, 136, 1285-1297.	1.4	26
16	Linking terrestrial and benthic estuarine ecosystems: organic matter sources supporting the high secondary production of a non-indigenous bivalve. Biological Invasions, 2014, 16, 2163-2179.	2.4	25
17	The Ecoâ€Exposome Concept: Supporting an Integrated Assessment of Mixtures of Environmental Chemicals. Environmental Toxicology and Chemistry, 2022, 41, 30-45.	4.3	25
18	Exploiting habitat and gear patterns for efficient detection of rare and non-native benthos and fish in Great Lakes coastal ecosystems. Aquatic Invasions, 2009, 4, 651-667.	1.6	24

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19	Estimation of Bottom Trawl Catch Efficiency for Two Demersal Fishes, the Atlantic Croaker and White Perch, in Chesapeake Bay. Marine and Coastal Fisheries, 2009, 1, 255-269.	1.4	21
20	Water quality in the St. Louis River Area of Concern, Lake Superior: Historical and current conditions and delisting implications. Journal of Great Lakes Research, 2016, 42, 28-38.	1.9	21
21	Reconstructing fish movements between coastal wetland and nearshore habitats of the Great Lakes. Limnology and Oceanography, 2016, 61, 1800-1813.	3.1	20
22	Landscape-Scale Food Webs of Fish Nursery Habitat Along a River-Coast Mixing Zone. Estuaries and Coasts, 2015, 38, 1335-1349.	2.2	18
23	Pathways and places associated with nonindigenous aquatic species introductions in the Laurentian Great Lakes. Hydrobiologia, 2018, 817, 23-40.	2.0	17
24	Status of non-indigenous benthic invertebrates in the Duluthâ€“Superior Harbor and the role of sampling methods in their detection. Journal of Great Lakes Research, 2010, 36, 747-756.	1.9	16
25	Rapid stable isotope turnover of larval fish in a Lake Superior coastal wetland: Implications for diet and life history studies. Aquatic Ecosystem Health and Management, 2011, 14, 403-413.	0.6	16
26	Sampling Design for Early Detection of Aquatic Invasive Species in Great Lakes Ports. Fisheries, 2016, 41, 26-37.	0.8	15
27	Enhanced Susceptibility of Methylmercury Bioaccumulation into Seston of the Laurentian Great Lakes. Environmental Science & Technology, 2021, 55, 12714-12723.	10.0	15
28	Invasive Dreissena Mussel Coastal Transport From an Already Invaded Estuary to a Nearby Archipelago Detected in DNA and Zooplankton Surveys. Frontiers in Marine Science, 2022, 9, 1-818738.	2.5	15
29	Overwintering habitats of migratory juvenile American shad in Chesapeake Bay. Environmental Biology of Fishes, 2008, 81, 329-345.	1.0	14
30	A review of Ruffe (Gymnocephalus cernua) life history in its native versus non-native range. Reviews in Fish Biology and Fisheries, 2016, 26, 213-233.	4.9	14
31	Establishment patterns of non-native fishes: Lessons from the Duluthâ€“Superior harbor and lower St. Louis River, an invasion-prone Great Lakes coastal ecosystem. Journal of Great Lakes Research, 2011, 37, 349-358.	1.9	13
32	Health of white sucker within the St. Louis River area of concern associated with habitat usage as assessed using stable isotopes. Ecotoxicology, 2014, 23, 236-251.	2.4	13
33	Examining historical mercury sources in the Saint Louis River estuary: How legacy contamination influences biological mercury levels in Great Lakes coastal regions. Science of the Total Environment, 2021, 779, 146284.	8.0	13
34	Dreissena veligers in western Lake Superior â€“ Inference from new low-density detection. Journal of Great Lakes Research, 2019, 45, 691-699.	1.9	11
35	Cohort-Specific Growth and Mortality of Juvenile American Shad in the Pamunkey River, Virginia. Transactions of the American Fisheries Society, 2005, 134, 1-18.	1.4	10
36	Benthic food webs support the production of sympatric flatfish larvae in estuarine nursery habitat. Fisheries Oceanography, 2017, 26, 507-512.	1.7	9

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37	Resolving taxonomic ambiguities: Effects on rarity, projected richness, and indices in macroinvertebrate datasets. Ecological Indicators, 2019, 98, 137-148.	6.3	9
38	Feather mercury increases with feeding at higher trophic levels in two species of migrant raptors, Merlin (Falco columbarius) and Sharp-shinned Hawk (Accipiter striatus). Condor, 2020, 122, .	1.6	9
39	Evaluating the performance of DNA metabarcoding for assessment of zooplankton communities in Western Lake Superior using multiple markers. Metabarcoding and Metagenomics, 2021, 5, 83-97.	0.0	9
40	Habitat and diet differentiation by two strains of rainbow trout in Lake Superior based on archival tags, stable isotopes, and bioenergetics. Journal of Great Lakes Research, 2013, 39, 578-590.	1.9	8
41	Foraging Ecology Differentiates Life Stages and Mercury Exposure in Common Terns (<i>Sterna) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	6
42	Relative contributions of nearshore and wetland habitats to coastal food webs in the Great Lakes. Journal of Great Lakes Research, 2019, 45, 129-137.	1.9	5
43	Influence of demographics, exposure, and habitat use in an urban, coastal river on tumor prevalence in a demersal fish. Science of the Total Environment, 2020, 712, 136512.	8.0	5
44	Habitat use and food sources of European flounder larvae (Platichthys flesus, L. 1758) across the Minho River estuary salinity gradient (NW Iberian Peninsula). Regional Studies in Marine Science, 2020, 34, 101196.	0.7	4
45	Early detection monitoring for non-indigenous fishes; comparison of survey approaches during two species introductions in a Great Lakes port. Biological Invasions, 2022, 24, 463-478.	2.4	4
46	Autonomous underwater glider observations in southern Lake Ontario and Niagara River plume. Aquatic Ecosystem Health and Management, 2022, 25, 102-113.	0.6	1
47	Dietary niche and growth rate of the nonnative tubenose goby (Proterorhinus semilunaris) in the Lake Superior basin. Journal of Great Lakes Research, 2020, 46, 1358-1368.	1.9	0