

Thomas J Kwak

List of Publications by Year in descending order

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89
papers

2,768
citations

230014

27
h-index

232693

48
g-index

90
all docs

90
docs citations

90
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing uncertainty in climate change responses of inland fishes: A decisionâ€path approach. Conservation Science and Practice, 2022, 4, .	0.9	4
2	Survival and Contaminants in Imperiled and Common Riverine Fishes Assessed with an In Situ Bioassay Approach. Environmental Toxicology and Chemistry, 2021, 40, 2206-2219.	2.2	1
3	Big runs of little fish: first estimates of run size and exploitation in an amphidromous postlarvae fishery. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 905-912.	0.7	2
4	Catfish 2020, A Clear Vision of the Future. North American Journal of Fisheries Management, 2021, 41, S1.	0.5	5
5	FiCli, the Fish and Climate Change Database, informs climate adaptation and management for freshwater fishes. Scientific Data, 2020, 7, 124.	2.4	20
6	Trophodynamics of Per- and Polyfluoroalkyl Substances in the Food Web of a Large Atlantic Slope River. Environmental Science & Technology, 2020, 54, 6800-6811.	4.6	47
7	Ecology and conservation of the American eel in the Caribbean region. Fisheries Management and Ecology, 2019, 26, 42-52.	1.0	16
8	Evaluation of Artificial Cover Units as a Sampling Technique and Habitat Enhancement for Madtoms in Rivers. North American Journal of Fisheries Management, 2019, 39, 778-787.	0.5	7
9	Puerto Rico <i>Sicydium</i> goby diversity: species-specific insights on population structures and distributions. Neotropical Biodiversity, 2019, 5, 22-29.	0.2	7
10	Growth, Condition, and Trophic Relations of Stocked Trout in Southern Appalachian Mountain Streams. Transactions of the American Fisheries Society, 2019, 148, 771-784.	0.6	3
11	Fish Assemblages and Fisheries Resources in Puerto Rico's Riverine Estuaries. Marine and Coastal Fisheries, 2019, 11, 189-201.	0.6	3
12	Behavior and Survival of Stocked Trout in Southern Appalachian Mountain Streams. Transactions of the American Fisheries Society, 2019, 148, 3-20.	0.6	9
13	Toward a Resilience-Based Conservation Strategy for Wetlands in Puerto Rico: Meeting Challenges Posed by Environmental Change. Wetlands, 2019, 39, 1255-1269.	0.7	4
14	Chasing a changing climate: Reproductive and dispersal traits predict how sessile species respond to global warming. Diversity and Distributions, 2018, 24, 880-891.	1.9	11
15	Food web contaminant dynamics of a large Atlantic Slope river: Implications for common and imperiled species. Science of the Total Environment, 2018, 633, 1062-1077.	3.9	18
16	Behavior and Reproductive Ecology of the Sicklefin Redhorse: An Imperiled Southern Appalachian Mountain Fish. Transactions of the American Fisheries Society, 2018, 147, 204-222.	0.6	4
17	Contaminants in tropical island streams and their biota. Environmental Research, 2018, 161, 615-623.	3.7	10
18	Hydrologic characteristics of freshwater mussel habitat: novel insights from modeled flows. Freshwater Science, 2018, 37, 343-356.	0.9	8

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19	Do postlarval amphidromous fishes transport marine-derived nutrients and pollutants to Caribbean streams?. <i>Ecology of Freshwater Fish</i> , 2018, 27, 847-856.	0.7	12
20	Effects of Turbidity, Sediment, and Polyacrylamide on Native Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2018, 54, 631-643.	1.0	2
21	A Comparison of the chemical sensitivities between in vitro and in vivo propagated juvenile freshwater mussels: Implications for standard toxicity testing. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3077-3085.	2.2	7
22	Selenium, Mercury, and Their Molar Ratio in Sportfish from Drinking Water Reservoirs. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1864.	1.2	8
23	Relation of contaminants to fish intersex in riverine sport fishes. <i>Science of the Total Environment</i> , 2018, 643, 73-89.	3.9	21
24	Windows of Susceptibility and Consequences of Early Life Exposures to 17 β -estradiol on Medaka (<i>Oryzias latipes</i>) Reproductive Success. <i>Environmental Science & Technology</i> , 2017, 51, 5296-5305.	4.6	12
25	Acute toxicity of polyacrylamide flocculants to early life stages of freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2715-2721.	2.2	32
26	Global synthesis of the documented and projected effects of climate change on inland fishes. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 339-361.	2.4	85
27	Diurnal feeding behavior of the American Eel <i>Anguilla rostrata</i> . <i>Food Webs</i> , 2017, 13, 27-29.	0.5	7
28	Recruitment phenology and pelagic larval duration in Caribbean amphidromous fishes. <i>Freshwater Science</i> , 2017, 36, 851-865.	0.9	17
29	Endocrine active contaminants in aquatic systems and intersex in common sport fishes. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 959-968.	2.2	24
30	Declining Occurrence and Low Colonization Probability in Freshwater Mussel Assemblages: A Dynamic Occurrence Modeling Approach. <i>Freshwater Mollusk Biology and Conservation</i> , 2017, 20, 13.	0.4	3
31	Climate Change Effects on North American Inland Fish Populations and Assemblages. <i>Fisheries</i> , 2016, 41, 346-361.	0.6	205
32	Species traits and catchment-scale habitat factors influence the occurrence of freshwater mussel populations and assemblages. <i>Freshwater Biology</i> , 2016, 61, 1671-1684.	1.2	8
33	Efficiency of Two-Way Weirs and Prepositioned Electrofishing for Sampling Potamodromous Fish Migrations. <i>North American Journal of Fisheries Management</i> , 2016, 36, 167-182.	0.5	3
34	Microhabitat Suitability and Niche Breadth of Common and Imperiled Atlantic Slope Freshwater Mussels. <i>Freshwater Mollusk Biology and Conservation</i> , 2016, 19, 27.	0.4	8
35	Predicting fine-scale distributions of peripheral aquatic species in headwater streams. <i>Ecology and Evolution</i> , 2015, 5, 152-163.	0.8	9
36	Tropical insular fish assemblages are resilient to flood disturbance. <i>Ecosphere</i> , 2015, 6, art279.	1.0	9

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37	Effects of Regulated River Flows on Habitat Suitability for the Robust Redhorse. Transactions of the American Fisheries Society, 2015, 144, 792-806.	0.6	10
38	Sources of endocrine-disrupting compounds in North Carolina waterways: A geographic information systems approach. Environmental Toxicology and Chemistry, 2015, 34, 437-445.	2.2	11
39	Modelling riverine habitat for robust redhorse: assessment for reintroduction of an imperilled species. Fisheries Management and Ecology, 2014, 21, 57-67.	1.0	7
40	Influence of sediment presence on freshwater mussel thermal tolerance. Freshwater Science, 2014, 33, 56-65.	0.9	16
41	A capture-recapture model of amphidromous fish dispersal. Journal of Fish Biology, 2014, 84, 897-912.	0.7	15
42	Survival and behaviour of juvenile unionid mussels exposed to thermal stress and dewatering in the presence of a sediment temperature gradient. Freshwater Biology, 2014, 59, 601-613.	1.2	35
43	Otolith microchemistry of tropical diadromous fishes: spatial and migratory dynamics. Journal of Fish Biology, 2014, 84, 913-928.	0.7	29
44	Sampling Characteristics and Calibration of Snorkel Counts to Estimate Stream Fish Populations. North American Journal of Fisheries Management, 2014, 34, 1159-1166.	0.5	8
45	REDD DEWATERING EFFECTS ON HATCHING AND LARVAL SURVIVAL OF THE ROBUST REDHORSE. River Research and Applications, 2013, 29, 574-581.	0.7	15
46	Spatial Extent and Dynamics of Dam Impacts on Tropical Island Freshwater Fish Assemblages. BioScience, 2013, 63, 176-190.	2.2	82
47	Burrowing, byssus, and biomarkers: behavioral and physiological indicators of sublethal thermal stress in freshwater mussels (Unionidae). Marine and Freshwater Behaviour and Physiology, 2013, 46, 229-250.	0.4	36
48	Assessing Effects of Stocked Trout on Nongame Fish Assemblages in Southern Appalachian Mountain Streams. Transactions of the American Fisheries Society, 2013, 142, 1495-1507.	0.6	18
49	Effects of lead on Na ⁺ , K ⁺ ATPase and hemolymph ion concentrations in the freshwater mussel <i>Elliptio complanata</i> . Environmental Toxicology, 2012, 27, 268-276.	2.1	24
50	Movement and Survival of Brown Trout and Rainbow Trout in an Ozark Tailwater River. North American Journal of Fisheries Management, 2011, 31, 299-304.	0.5	7
51	Trophic Relations of Introduced Flathead Catfish in an Atlantic River. Transactions of the American Fisheries Society, 2011, 140, 1120-1134.	0.6	18
52	Development of Standard Weight Equations for Caribbean and Gulf of Mexico Amphidromous Fishes. North American Journal of Fisheries Management, 2010, 30, 1203-1209.	0.5	10
53	Modeling the Relations Between Flow Regime Components, Species Traits, and Spawning Success of Fishes in Warmwater Streams. Environmental Management, 2010, 46, 181-194.	1.2	34
54	Habitat Suitability of the Carolina Madtom, an Imperilled, Endemic Stream Fish. Transactions of the American Fisheries Society, 2010, 139, 325-338.	0.6	14

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55	Factors Influencing Tropical Island Freshwater Fishes: Species, Status, and Management Implications in Puerto Rico. <i>Fisheries</i> , 2009, 34, 546-554.	0.6	44
56	Population Density and Instream Habitat Suitability of the Endangered Cape Fear Shiner. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 1439-1457.	0.6	11
57	Magnetic resonance imaging of live freshwater mussels (Unionidae). <i>Invertebrate Biology</i> , 2008, 127, 396-402.	0.3	13
58	Modeling Management Scenarios and the Effects of an Introduced Apex Predator on a Coastal Riverine Fish Community. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 105-120.	0.6	41
59	Exposure of Unionid Mussels to Electric Current: Assessing Risks Associated with Electrofishing. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 1593-1606.	0.6	7
60	Temporal and spatial variability in stable isotope compositions of a freshwater mussel: implications for biomonitoring and ecological studies. <i>Oecologia</i> , 2007, 152, 140-150.	0.9	56
61	Age, Growth, and Mortality of Introduced Flathead Catfish in Atlantic Rivers and a Review of Other Populations. <i>North American Journal of Fisheries Management</i> , 2006, 26, 73-87.	0.5	48
62	INFLUENCE OF WATER QUALITY AND ASSOCIATED CONTAMINANTS ON SURVIVAL AND GROWTH OF THE ENDANGERED CAPE FEAR SHINER (<i>NOTROPIS MEKISTOCHOLAS</i>). <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2288.	2.2	11
63	Diet Selectivity of Introduced Flathead Catfish in Coastal Rivers. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 901-909.	0.6	43
64	Reference ranges for hemolymph chemistries from <i>Elliptio complanata</i> of North Carolina. <i>Diseases of Aquatic Organisms</i> , 2005, 65, 167-176.	0.5	46
65	Assessing Ecological Integrity of Ozark Rivers to Determine Suitability for Protective Status. <i>Environmental Management</i> , 2005, 35, 799-810.	1.2	16
66	Salinity Tolerance of Flathead Catfish: Implications for Dispersal of Introduced Populations. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 927-936.	0.6	56
67	Implications of <i>Pylodictis olivaris</i> (Flathead Catfish) Introduction into the Delaware and Susquehanna Drainages. <i>Northeastern Naturalist</i> , 2005, 12, 473-484.	0.1	27
68	Assessing Organic Contaminants in Fish: A Comparison of a Nonlethal Tissue Sampling Technique to Mobile and Stationary Passive Sampling Devices. <i>Environmental Science & Technology</i> , 2005, 39, 7601-7608.	4.6	34
69	Evaluation of a nonlethal technique for hemolymph collection in <i>Elliptio complanata</i> , a freshwater bivalve (Mollusca: Unionidae). <i>Diseases of Aquatic Organisms</i> , 2005, 65, 159-165.	0.5	74
70	Evaluation of Stomach Tubes and Gastric Lavage for Sampling Diets from Blue Catfish and Flathead Catfish. <i>North American Journal of Fisheries Management</i> , 2004, 24, 258-261.	0.5	37
71	Fish Populations Associated with Habitat-Modified Piers and Natural Woody Debris in Piedmont Carolina Reservoirs. <i>North American Journal of Fisheries Management</i> , 2004, 24, 1120-1133.	0.5	14
72	Fish Assemblage Changes in an Ozark River after Impoundment: A Long-Term Perspective. <i>Transactions of the American Fisheries Society</i> , 2003, 132, 110-119.	0.6	113

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73	A Review of Tagging Methods for Estimating Fish Population Size and Components of Mortality. Fisheries, 2003, 28, 10-23.	0.6	247
74	A Predictive Risk Model for Electroshock-Induced Mortality of the Endangered Cape Fear Shiner. North American Journal of Fisheries Management, 2003, 23, 905-912.	0.5	21
75	Electroshock-Induced Injury and Mortality in the Spotfin Chub, a Threatened Minnow. North American Journal of Fisheries Management, 2003, 23, 962-966.	0.5	11
76	Fish Assemblage Changes in an Ozark River after Impoundment: A Long-Term Perspective. , 2003, 132, 110.		1
77	Factors Influencing Brown Trout Reproductive Success in Ozark Tailwater Rivers. Transactions of the American Fisheries Society, 2002, 131, 698-717.	0.6	21
78	Use of Rehabilitated Habitat by Brown Trout and Rainbow Trout in an Ozark Tailwater River. North American Journal of Fisheries Management, 2000, 20, 737-751.	0.5	24
79	MODELING THE EFFECTS OF LAND USE AND CLIMATE CHANGE ON RIVERINE SMALLMOUTH BASS. , 1999, 9, 1391-1404.		82
80	Trout Production Dynamics and Water Quality in Minnesota Streams. Transactions of the American Fisheries Society, 1997, 126, 35-48.	0.6	76
81	Food web analysis of southern California coastal wetlands using multiple stable isotopes. Oecologia, 1997, 110, 262-277.	0.9	286
82	Largemouth Bass Mortality and Related Causal Factors during Live-Release Fishing Tournaments on a Large Minnesota Lake. North American Journal of Fisheries Management, 1995, 15, 621-630.	0.5	62
83	Production Dynamics of Smallmouth Bass in a Small Minnesota Stream. Transactions of the American Fisheries Society, 1993, 122, 588-598.	0.6	9
84	Application of Diel Feeding Chronology to Habitat Suitability Analysis of Warmwater Stream Fishes. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 1417-1430.	0.7	30
85	Spawning habitat, behavior, and morphology as isolating mechanisms of the golden redbhorse, <i>Moxostoma erythrurum</i> , and the black redbhorse, <i>M. duquesnei</i> , two syntopic fishes. Environmental Biology of Fishes, 1992, 34, 127-137.	0.4	34
86	Modular microcomputer software to estimate fish population parameters, production rates and associated variance. Ecology of Freshwater Fish, 1992, 1, 73-75.	0.7	29
87	Ecological Characteristics of a Northern Population of the Pallid Shiner. Transactions of the American Fisheries Society, 1991, 120, 106-115.	0.6	5
88	Lateral Movement and Use of Floodplain Habitat by Fishes of the Kankakee River, Illinois. American Midland Naturalist, 1988, 120, 241.	0.2	97
89	Genetic Structure and Diversity of the Endemic Carolina Madtom and Conservation Implications. North American Journal of Fisheries Management, 0, , .	0.5	2