

# Craig P Paukert

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

3,255  
citations

218677

26  
h-index

197818

49  
g-index

113  
all docs

113  
docs citations

113  
times ranked

3537  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of eDNA shedding rates from invasive bighead carp <i>Hypophthalmichthys nobilis</i> and silver carp <i>Hypophthalmichthys molitrix</i> . <i>Biological Conservation</i> , 2015, 183, 77-84.	4.1	334
2	Climate Change Effects on North American Inland Fish Populations and Assemblages. <i>Fisheries</i> , 2016, 41, 346-361.	0.8	205
3	Endangered river fish: factors hindering conservation and restoration. <i>Endangered Species Research</i> , 2012, 17, 179-191.	2.4	144
4	Defining conservation priorities for freshwater fishes according to taxonomic, functional, and phylogenetic diversity. , 2011, 21, 3002-3013.		135
5	Physiological Basis of Climate Change Impacts on North American Inland Fishes. <i>Fisheries</i> , 2016, 41, 332-345.	0.8	129
6	The added complications of climate change: understanding and managing biodiversity and ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 494-501.	4.0	114
7	Environmental drivers of fish functional diversity and composition in the Lower Colorado River Basin. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1791-1807.	1.4	93
8	Effects of floods on fish assemblages in an intermittent prairie stream. <i>Freshwater Biology</i> , 2006, 51, 2072-2086.	2.4	88
9	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.	4.9	85
10	Development and assessment of a landscape-scale ecological threat index for the Lower Colorado River Basin. <i>Ecological Indicators</i> , 2011, 11, 304-310.	6.3	83
11	Road Crossing Designs and Their Impact on Fish Assemblages of Great Plains Streams. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 214-222.	1.4	67
12	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	66
13	Adapting Inland Fisheries Management to a Changing Climate. <i>Fisheries</i> , 2016, 41, 374-384.	0.8	55
14	Habitat relationships with fish assemblages in minimally disturbed Great Plains regions. <i>Ecology of Freshwater Fish</i> , 2008, 17, 597-609.	1.4	51
15	Development of a Bioenergetics Model for Humpback Chub and Evaluation of Water Temperature Changes in the Grand Canyon, Colorado River. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 960-974.	1.4	48
16	Identifying Alternate Pathways for Climate Change to Impact Inland Recreational Fishers. <i>Fisheries</i> , 2016, 41, 362-372.	0.8	47
17	Effects of Predation and Environment on Quality of Yellow Perch and Bluegill Populations in Nebraska Sandhill Lakes. <i>North American Journal of Fisheries Management</i> , 2002, 22, 86-95.	1.0	40
18	Factors affecting detectability of river otters during sign surveys. <i>Journal of Wildlife Management</i> , 2011, 75, 144-150.	1.8	40

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19	Potential impacts of climate change on growth and prey consumption of stream-dwelling smallmouth bass in the central United States. <i>Ecology of Freshwater Fish</i> , 2014, 23, 336-346.	1.4	40
20	Effects of Implanted Transmitter Size and Surgery on Survival, Growth, and Wound Healing of Bluegill. <i>Transactions of the American Fisheries Society</i> , 2001, 130, 975-980.	1.4	35
21	Seasonal Migration Patterns and Site Fidelity of Adult Paddlefish in Lake Francis Case, Missouri River. <i>North American Journal of Fisheries Management</i> , 2002, 22, 815-824.	1.0	35
22	Effect and Acceptance of Bluegill Length Limits in Nebraska Natural Lakes. <i>North American Journal of Fisheries Management</i> , 2002, 22, 1306-1313.	1.0	34
23	Effects of sampling effort, assemblage similarity, and habitat heterogeneity on estimates of species richness and relative abundance of stream fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 277-290.	1.4	34
24	Development and assessment of indices to determine stream fish vulnerability to climate change and habitat alteration. <i>Ecological Indicators</i> , 2016, 67, 403-416.	6.3	34
25	Prey selection and diets of bluegill <i>Lepomis macrochirus</i> with differing population characteristics in two Nebraska natural lakes. <i>Fisheries Management and Ecology</i> , 2003, 10, 31-40.	2.0	32
26	Characteristics of Paddlefish in a Southwestern U.S. Reservoir, with Comparisons of Lentic and Lotic Populations. <i>Transactions of the American Fisheries Society</i> , 2001, 130, 634-643.	1.4	30
27	Seasonal and Diel Habitat Selection by Bluegills in a Shallow Natural Lake. <i>Transactions of the American Fisheries Society</i> , 2002, 131, 1131-1139.	1.4	27
28	Population Characteristics and Ecological Role of Northern Pike in Shallow Natural Lakes in Nebraska. <i>North American Journal of Fisheries Management</i> , 2003, 23, 313-322.	1.0	27
29	Movement, Home Range, and Site Fidelity of Bluegills in a Great Plains Lake. <i>North American Journal of Fisheries Management</i> , 2004, 24, 154-161.	1.0	26
30	Climate Change Simulations Predict Altered Biotic Response in a Thermally Heterogeneous Stream System. <i>PLoS ONE</i> , 2014, 9, e111438.	2.5	26
31	Transboundary Fisheries Science: Meeting the Challenges of Inland Fisheries Management in the 21st Century. <i>Fisheries</i> , 2016, 41, 536-546.	0.8	26
32	Common carp disrupt ecosystem structure and function through middle-out effects. <i>Marine and Freshwater Research</i> , 2017, 68, 718.	1.3	26
33	An Overview of Methods for Developing Bioenergetic and Life History Models for Rare and Endangered Species. <i>Transactions of the American Fisheries Society</i> , 2008, 137, 244-253.	1.4	25
34	Fish community structure in natural and engineered habitats in the Kansas River. <i>River Research and Applications</i> , 2010, 26, 797-805.	1.7	25
35	Spring Movements of Paddlefish in a Prairie Reservoir System. <i>Journal of Freshwater Ecology</i> , 2001, 16, 113-124.	1.2	24
36	Distribution and Movement of Humpback Chub in the Colorado River, Grand Canyon, Based on Recaptures. <i>Transactions of the American Fisheries Society</i> , 2006, 135, 539-544.	1.4	24

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37	Distribution and growth of blue sucker in a Great Plains river, USA. Fisheries Management and Ecology, 2007, 14, 255-262.	2.0	24
38	Suitability of Lake Erie for bigheaded carps based on bioenergetic models and remote sensing. Journal of Great Lakes Research, 2015, 41, 358-366.	1.9	24
39	Designing a global assessment of climate change on inland fishes and fisheries: knowns and needs. Reviews in Fish Biology and Fisheries, 2017, 27, 393-409.	4.9	24
40	Predatory Effects of Northern Pike and Largemouth Bass: Bioenergetic Modeling and Ten Years of Fish Community Sampling. Journal of Freshwater Ecology, 2003, 18, 13-24.	1.2	23
41	Can translocated native fishes retain their trophic niche when confronted with a resident invasive?. Ecology of Freshwater Fish, 2015, 24, 456-466.	1.4	22
42	Behavioural thermoregulation and bioenergetics of riverine smallmouth bass associated with ambient coldâ€period thermal refuge. Ecology of Freshwater Fish, 2016, 25, 72-85.	1.4	22
43	Aquatic Invertebrate Assemblages in Shallow Prairie Lakes: Fish and Environmental Influences. Journal of Freshwater Ecology, 2003, 18, 523-536.	1.2	21
44	Factors Affecting Condition of Flannemouth Suckers in the Colorado River, Grand Canyon, Arizona. North American Journal of Fisheries Management, 2004, 24, 648-653.	1.0	21
45	Urbanization in a great plains river: Effects on fishes and food webs. River Research and Applications, 2010, 26, 948-959.	1.7	21
46	The Effects of Road Crossings on Prairie Stream Habitat and Function. Journal of Freshwater Ecology, 2010, 25, 499-506.	1.2	21
47	Can data from disparate long-term fish monitoring programs be used to increase our understanding of regional and continental trends in large river assemblages?. PLoS ONE, 2018, 13, e0191472.	2.5	21
48	Adapting to climate change: guidance for the management of inland glacial lake fisheries. Lake and Reservoir Management, 2019, 35, 435-452.	1.3	21
49	FiCli, the Fish and Climate Change Database, informs climate adaptation and management for freshwater fishes. Scientific Data, 2020, 7, 124.	5.3	20
50	Heterogeneous detection probabilities for imperiled Missouri River fishes: implications for large-river monitoring programs. Endangered Species Research, 2012, 16, 211-224.	2.4	20
51	Biology of White Bass in Eastern South Dakota Glacial Lakes. North American Journal of Fisheries Management, 2002, 22, 627-636.	1.0	19
52	Environmental influences on largemouth bass Micropterus salmoides populations in shallow Nebraska lakes. Fisheries Management and Ecology, 2004, 11, 345-352.	2.0	19
53	Biogeographic freshwater fish pattern legacy revealed despite rapid socioâ€economic changes in China. Fish and Fisheries, 2019, 20, 857-869.	5.3	19
54	Historical Trends in Creel Limits, Length-based Limits, and Season Restrictions for Black Basses in the United States and Canada. Fisheries, 2007, 32, 62-72.	0.8	18

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55	Effect of Instream Sand Dredging on Fish Communities in the Kansas River USA: Current and Historical Perspectives. <i>Journal of Freshwater Ecology</i> , 2008, 23, 623-633.	1.2	18
56	Translocation of Humpback Chub into Tributary Streams of the Colorado River: Implications for Conservation of Large River Fishes. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 502-514.	1.4	17
57	Effects and Utility of Minimum Length Limits and Mortality Caps for Flathead Catfish in Discrete Reaches of a Large Prairie River. <i>North American Journal of Fisheries Management</i> , 2008, 28, 97-108.	1.0	16
58	Longitudinal patterns in flathead catfish relative abundance and length at age within a large river: effects of an urban gradient. <i>River Research and Applications</i> , 2009, 25, 861-873.	1.7	16
59	Longitudinal Differences in Habitat Complexity and Fish Assemblage Structure of a Great Plains River. <i>American Midland Naturalist</i> , 2010, 163, 14-32.	0.4	16
60	Macroinvertebrate prey availability and food web dynamics of nonnative trout in a Colorado River tributary, Grand Canyon. <i>Freshwater Science</i> , 2014, 33, 872-884.	1.8	16
61	Potential direct and indirect effects of climate change on a shallow natural lake fish assemblage. <i>Ecology of Freshwater Fish</i> , 2016, 25, 487-499.	1.4	16
62	Characterizing Angler Preferences for Largemouth Bass, Bluegill, and Walleye Fisheries in Wisconsin. <i>North American Journal of Fisheries Management</i> , 2019, 39, 676-692.	1.0	16
63	Climate Change Effects on North American Fish and Fisheries to Inform Adaptation Strategies. <i>Fisheries</i> , 2021, 46, 449-464.	0.8	16
64	Annual Changes in Seasonal River Water Temperatures in the Eastern and Western United States. <i>Water (Switzerland)</i> , 2017, 9, 90.	2.7	15
65	Comparison of exploited and unexploited yellow perch <i>Perca flavescens</i> (Mitchill) populations in Nebraska Sandhill lakes. <i>Fisheries Management and Ecology</i> , 2001, 8, 533-542.	2.0	14
66	Scale-dependent Factors Affecting North American River Otter Distribution in the Midwest. <i>American Midland Naturalist</i> , 2011, 166, 177-193.	0.4	14
67	FISH ASSEMBLAGES AT ENGINEERED AND NATURAL CHANNEL STRUCTURES IN THE LOWER MISSOURI RIVER: IMPLICATIONS FOR MODIFIED DIKE STRUCTURES. <i>River Research and Applications</i> , 2012, 28, 1695-1707.	1.7	14
68	Evaluation of Paddlefish Length Distributions and Catch Rates in Three Mesh Sizes of Gill Nets. <i>North American Journal of Fisheries Management</i> , 1999, 19, 599-603.	1.0	13
69	Fish Community Response to Habitat Alteration: Impacts of Sand Dredging in the Kansas River. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 1532-1544.	1.4	13
70	Assessment of phytoplankton resources suitable for bigheaded carps in Lake Michigan derived from remote sensing and bioenergetics. <i>Journal of Great Lakes Research</i> , 2017, 43, 90-99.	1.9	13
71	A comparison of four types of sampling gear used to collect shovelnose sturgeon in the Lower Missouri River. <i>Journal of Applied Ichthyology</i> , 2008, 24, 637.	0.7	12
72	Forecasted range shifts of arid-land fishes in response to climate change. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 463-479.	4.9	12

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73	Effects of latitude, season, and temperature on Lake Sturgeon movement. North American Journal of Fisheries Management, 2020, 41, 916.	1.0	12
74	A flexible survey design for monitoring spatiotemporal fish richness in nonwadeable rivers: optimizing efficiency by integrating gears. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 978-990.	1.4	12
75	Is there enough water? How bearish and bullish outlooks are linked to decision maker perspectives on environmental flows. Journal of Environmental Management, 2021, 280, 111694.	7.8	12
76	Abiotic Factors Affecting Summer Distribution and Movement of Male Paddlefish, <i>Polyodon spathula</i> , in a Prairie Reservoir. Southwestern Naturalist, 2000, 45, 133.	0.1	11
77	Sample Size Requirements for in Situ Vegetation and Substrate Classifications in Shallow, Natural Nebraska Lakes. North American Journal of Fisheries Management, 2002, 22, 1329-1333.	1.0	11
78	Fish Community Responses to the Establishment of a Piscivore, Northern Pike ( <i>Esox lucius</i> ), in a Nebraska Sandhill Lake. Journal of Freshwater Ecology, 2003, 18, 353-359.	1.2	11
79	Historical and Current Environmental Influences on an Endemic Great Plains Fish. American Midland Naturalist, 2008, 159, 364-377.	0.4	11
80	COMPARATIVE GROWTH AND CONSUMPTION POTENTIAL OF RAINBOW TROUT AND HUMPBAC CHUB IN THE COLORADO RIVER, GRAND CANYON, ARIZONA, UNDER DIFFERENT TEMPERATURE SCENARIOS. Southwestern Naturalist, 2007, 52, 234-242.	0.1	10
81	Lake sturgeon seasonal movements in regulated and unregulated Missouri River tributaries. Ecohydrology, 2022, 15, e2362.	2.4	10
82	A Resistance-Acceptance Direct decision support tool for walleye (<i>Sander vitreus</i>) (Mitchill) management in Wisconsin. Fisheries Management and Ecology, 2022, 29, 378-391.	2.0	10
83	Fish assemblage and habitat factors associated with the distribution of Topeka shiner (<i>Notropis</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	9
84	Identifying candidate reference reaches to assess the physical and biological integrity of Wadeable streams in different ecoregions and among stream sizes. Ecological Indicators, 2020, 111, 105966.	6.3	9
85	Fish Diversity, Endemism, Threats, and Conservation in the Jinsha River Basin (Upper Yangtze River), China. North American Journal of Fisheries Management, 2021, 41, 967-984.	1.0	9
86	Accounting for dispersal and local habitat when evaluating tributary use by riverine fishes. Ecosphere, 2021, 12, e03711.	2.2	9
87	Distribution and Movement of Juvenile Paddlefish in a Mainstem Missouri River Reservoir. Journal of Freshwater Ecology, 2003, 18, 79-87.	1.2	8
88	Effects of Repeated Hoopnetting and Handling on Bonytail Chub. Journal of Freshwater Ecology, 2005, 20, 649-653.	1.2	8
89	Effects of Climate Change on North American Inland Fishes: Introduction to the Special Issue. Fisheries, 2016, 41, 329-330.	0.8	8
90	Biotic and Abiotic Correlates with Black Bullhead Population Characteristics in Nebraska Sandhill Lakes. Journal of Freshwater Ecology, 2005, 20, 295-302.	1.2	7

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91	Stakeholder-led science: engaging resource managers to identify science needs for long-term management of floodplain conservation lands. <i>Ecology and Society</i> , 2016, 21, .	2.3	7
92	Intensive Sampling Reveals Underreported Use of Great-River Tributaries by Large-River Fishes in Missouri. <i>Southeastern Naturalist</i> , 2018, 17, 512-520.	0.4	7
93	Geomorphic Controls on Floodplain Connectivity, Ecosystem Services, and Sensitivity to Climate Change: An Example From the Lower Missouri River. <i>Water Resources Research</i> , 2022, 58, .	4.2	7
94	Bothriocephalus acheilognathi and Other Intestinal Helminths of Cyprinella lutrensis in Deep Creek, Kansas. <i>Journal of Parasitology</i> , 2009, 95, 1224-1226.	0.7	6
95	Effects of visible implant elastomer mark colour on the predation of red shiners by largemouth bass. <i>Fisheries Management and Ecology</i> , 2010, 17, 294-296.	2.0	6
96	Seasonal selection of habitat by Spotted Bass and Shorthead Redhorse in a regulated river in the Midwest, USA. <i>River Research and Applications</i> , 2020, 36, 1087-1096.	1.7	5
97	Winter Habitat Selection and Efficacy of Telemetry to Aid Grass Carp Removal Efforts in a Large Reservoir. <i>North American Journal of Fisheries Management</i> , 0, , .	1.0	5
98	The U.S. Inland Creel and Angler Survey Catalog (CreelCat): Development, Applications, and Opportunities. <i>Fisheries</i> , 2021, 46, 574-583.	0.8	5
99	Fish diversity reduction and assemblage structure homogenization in lakes: A case study on unselective fishing in China. , 2022, 1, 100055.		5
100	Reducing uncertainty in climate change responses of inland fishes: A decisionâ€”path approach. <i>Conservation Science and Practice</i> , 2022, 4, .	2.0	4
101	The Effect of Fixative an Total Length of Small-Bodied Stream Fishes. <i>Journal of Freshwater Ecology</i> , 2008, 23, 471-473.	1.2	3
102	Use of Multiple Temperature Logger Models Can Alter Conclusions. <i>Water (Switzerland)</i> , 2020, 12, 668.	2.7	3
103	Lentic Green Sunfish Populations in Nebraska Sandhill Lakes. <i>Journal of Freshwater Ecology</i> , 2001, 16, 367-374.	1.2	2
104	Incorporating Established Conservation Networks into Freshwater Conservation Planning Results in More Workable Prioritizations. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	2
105	Co-occurring lotic crayfishes exhibit variable long-term responses to extreme-flow events and temperature. <i>Freshwater Science</i> , 2021, 40, 626-643.	1.8	2
106	Does where they start affect where they finish? A multimethod investigation of the role of stocking location on survival and dispersal of hatcheryâ€”reared Lake Sturgeon in Missouri River tributaries. <i>River Research and Applications</i> , 0, , .	1.7	2
107	Impact of Gravel Bar Scalping on Neosho Madtom (<i>Noturus placidus</i>) Populations from the Lower Neosho River, Kansas. <i>Journal of Freshwater Ecology</i> , 2008, 23, 501-511.	1.2	1
108	A reply to Iversen et al.'s comment â€œMonitoring of animal abundance by environmental DNA â€” An increasingly obscure perspectiveâ€”. <i>Biological Conservation</i> , 2015, 192, 481-482.	4.1	1

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109	Environmental niche models for riverine desert fishes and their similarity according to phylogeny and functionality. <i>Ecosphere</i> , 2017, 8, e01658.	2.2	1
110	Long-Term Movement and Estimated Age of a Paddlefish ( <i>Polyodon spathula</i> ) in the Arkansas River Basin of Oklahoma. <i>Southwestern Naturalist</i> , 2017, 62, 212-215.	0.1	1
111	InFish:. <i>Fisheries</i> , 2020, 45, 319-326.	0.8	1
112	In Response â€”The Use of Aquaponics in the Classroom. <i>Fisheries</i> , 2014, 39, 530-530.	0.8	0