

# Keith B Gido

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

4,476  
citations

109321

35  
h-index

123424

61  
g-index

117  
all docs

117  
docs citations

117  
times ranked

3568  
citing authors

#	ARTICLE	IF	CITATIONS
1	How fast is too fast? Water velocity differentially affects growth of four Gila River, native cyprinids. <i>Ecology of Freshwater Fish</i> , 2022, 31, 118-128.	1.4	3
2	Toward Improved Understanding of Streamflow Effects on Freshwater Fishes. <i>Fisheries</i> , 2022, 47, 290-298.	0.8	18
3	AGE-SPECIFIC PATTERNS OF OCCURRENCE, DENSITY, AND GROWTH OF TWO CYPRINID FISHES IN HEADWATER PRAIRIE STREAMS. <i>Southwestern Naturalist</i> , 2022, 65, .	0.1	1
4	Response of aridland macroinvertebrate communities to extremes of drought, wildfire, and monsoonal flooding. <i>River Research and Applications</i> , 2022, 38, 832-845.	1.7	4
5	Demography Predicts Genetic Effective Size in a Desert Stream Fish Community. <i>American Naturalist</i> , 2022, 200, 275-291.	2.1	0
6	Do mobile consumers homogenize the distribution of resources in stream food webs? A test with overlapping fish and mussel aggregations. <i>Freshwater Biology</i> , 2022, 67, 684-694.	2.4	3
7	The North American Freshwater Migratory Fish Database (<scp>NAFMFD</scp>): Characterizing the migratory life histories of freshwater fishes of Canada, the United States and Mexico. <i>Journal of Biogeography</i> , 2022, 49, 1193-1203.	3.0	8
8	Differential Responses of Native Fishes in Two Headwater Tributaries of the Gila River Following Severe Wildfires. <i>Western North American Naturalist</i> , 2022, 82, .	0.4	2
9	Failure to achieve recommended environmental flows coincides with declining fish populations: Long-term trends in regulated and unregulated rivers. <i>Freshwater Biology</i> , 2022, 67, 1631-1643.	2.4	8
10	Reservoir fish assemblage structure across an aquatic ecotone: Can river-reservoir interfaces provide conservation and management opportunities?. <i>Fisheries Management and Ecology</i> , 2021, 28, 1-13.	2.0	9
11	Spatial and temporal dynamics of fish assemblages in a desert reservoir over 38 years. <i>Hydrobiologia</i> , 2021, 848, 1231-1248.	2.0	6
12	Assessing Linkages Between Small Impoundments and Long-term Trajectories of Prairie Stream Fish Assemblages. <i>American Midland Naturalist</i> , 2021, 185, .	0.4	3
13	Do fine-scale experiments underestimate predator consumption rates?. <i>Journal of Animal Ecology</i> , 2021, 90, 2391-2403.	2.8	0
14	Trophic niches of native and nonnative fishes along a river-reservoir continuum. <i>Scientific Reports</i> , 2021, 11, 12140.	3.3	9
15	Disentangling effects of predators and landscape factors as drivers of stream fish community structure. <i>Freshwater Biology</i> , 2021, 66, 656-668.	2.4	1
16	Biomass loss and change in species dominance shift stream community excretion stoichiometry during severe drought. <i>Freshwater Biology</i> , 2020, 65, 403-416.	2.4	14
17	Animal effects on dissolved organic carbon bioavailability in an algal controlled ecosystem. <i>Freshwater Biology</i> , 2020, 65, 1298-1310.	2.4	16
18	Movement ecology of imperilled fish in a novel ecosystem: River-reservoir movements by razorback sucker and translocations to aid conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1540-1551.	2.0	15

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19	Razorback Sucker Movement Strategies across a Riverâ€“Reservoir Habitat Complex. Transactions of the American Fisheries Society, 2020, 149, 620-634.	1.4	5
20	Influence of fishes on macroinvertebrate communities and insect emergence production in intermittent stream refuges. Freshwater Biology, 2020, 65, 1412-1428.	2.4	2
21	Harmony on the prairie? Grassland plant and animal community responses to variation in climate across landâ€“use gradients. Ecology, 2020, 101, e02986.	3.2	16
22	Dispersal drives changes in fish community abundance in intermittent stream networks. River Research and Applications, 2020, 36, 797-806.	1.7	15
23	Using path analysis to determine interacting effects of biotic and abiotic factors on patch-scale biogeochemical rates in a prairie stream. Aquatic Sciences, 2020, 82, 1.	1.5	1
24	Nowhere to swim: interspecific responses of prairie stream fishes in isolated pools during severe drought. Aquatic Sciences, 2020, 82, 1.	1.5	22
25	Spawning Locations within and among Tributaries Influence Flannelmouth Sucker Offspring Experience. Transactions of the American Fisheries Society, 2019, 148, 963-977.	1.4	6
26	Feeding Ecology of Early Life Stage Razorback Sucker Relative to Other Sucker Species in the San Juan River, Utah. Transactions of the American Fisheries Society, 2019, 148, 938-951.	1.4	7
27	Temperature effects on performance and physiology of two prairie stream minnows. , 2019, 7, coz063.		7
28	Extreme drought causes fish recruitment failure in a fragmented Great Plains riverscape. Ecohydrology, 2019, 12, e2120.	2.4	36
29	Pockets of resistance: Response of aridâ€“land fish communities to climate, hydrology, and wildfire. Freshwater Biology, 2019, 64, 761-777.	2.4	24
30	Hatcheryâ€“reared endangered Colorado pikeminnow ( Ptychocheilus lucius ) undergo a gradual transition to piscivory after introduction to the wild. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 24-38.	2.0	7
31	Fine-scale movement and habitat use of a prairie stream fish assemblage. Oecologia, 2018, 186, 831-842.	2.0	15
32	Can fishways mitigate fragmentation effects on Great Plains fish communities?. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 121-130.	1.4	22
33	Patterns of fish movement at a desert river confluence. Ecology of Freshwater Fish, 2018, 27, 492-505.	1.4	24
34	Scaling biodiversity responses to hydrological regimes. Biological Reviews, 2018, 93, 971-995.	10.4	93
35	Biomass distribution of fishes and mussels mediates spatial and temporal heterogeneity in nutrient cycling in streams. Oecologia, 2018, 188, 1133-1144.	2.0	25
36	Waterfall formation at a desert riverâ€“reservoir delta isolates endangered fishes. River Research and Applications, 2018, 34, 948-956.	1.7	20

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37	Impacts of Small Impoundments On An Intermittent Headwater Stream Community. <i>Southwestern Naturalist</i> , 2018, 63, 34-41.	0.1	6
38	Testing metabolic cold adaptation as a driver of warm-water fish species replacement along the river continuum. <i>Environmental Biology of Fishes</i> , 2017, 100, 265-279.	1.0	2
39	River network architecture, genetic effective size and distributional patterns predict differences in genetic structure across species in a dryland stream fish community. <i>Molecular Ecology</i> , 2017, 26, 2687-2697.	3.9	40
40	The Biota of Intermittent Rivers and Ephemeral Streams: Fishes. , 2017, , 273-298.		32
41	Groundwater declines are linked to changes in Great Plains stream fish assemblages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7373-7378.	7.1	89
42	Identifying the source population of fish re-colonizing an arid-land stream following wildfire-induced extirpation using otolith microchemistry. <i>Hydrobiologia</i> , 2017, 797, 29-45.	2.0	9
43	Increasing fish taxonomic and functional richness affects ecosystem properties of small headwater prairie streams. <i>Freshwater Biology</i> , 2016, 61, 887-898.	2.4	16
44	Multiple watershed alterations influence fish community structure in Great Plains prairie streams. <i>Ecology of Freshwater Fish</i> , 2016, 25, 141-155.	1.4	20
45	Survival of and Tag Retention in Southern Redbelly Dace Injected with Two Sizes of PIT Tags. <i>North American Journal of Fisheries Management</i> , 2016, 36, 1386-1394.	1.0	20
46	Introduced Flathead Catfish Consumptive Demand on Native Fishes of the Upper Gila River, New Mexico. <i>North American Journal of Fisheries Management</i> , 2016, 36, 55-61.	1.0	10
47	Metapopulation analysis indicates native and non-native fishes respond differently to effects of wildfire on desert streams. <i>Ecology of Freshwater Fish</i> , 2016, 25, 376-392.	1.4	18
48	The first to arrive and the last to leave: colonisation and extinction dynamics of common and rare fishes in intermittent prairie streams. <i>Freshwater Biology</i> , 2016, 61, 1321-1334.	2.4	29
49	Temperature-dependent performance as a driver of warm-water fish species replacement along the river continuum. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 394-405.	1.4	4
50	Consecutive wildfires affect stream biota in cold- and warmwater dryland river networks. <i>Freshwater Science</i> , 2015, 34, 1510-1526.	1.8	32
51	Fragmentation and drying ratchet down Great Plains stream fish diversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 639-655.	2.0	99
52	Fish Community Distributions and Movements in Two Tributaries of the San Juan River, USA. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 1013-1028.	1.4	26
53	Fragmentation and dewatering transform Great Plains stream fish communities. <i>Ecological Monographs</i> , 2015, 85, 73-92.	5.4	148
54	Comparative conservation genetics of protected endemic fishes in an arid-land riverscape. <i>Conservation Genetics</i> , 2015, 16, 875-888.	1.5	10

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55	The Stream Biome Gradient Concept: factors controlling lotic systems across broad biogeographic scales. <i>Freshwater Science</i> , 2015, 34, 1-19.	1.8	81
56	Functional strategies drive community assembly of stream fishes along environmental gradients and across spatial scales. <i>Oecologia</i> , 2015, 177, 545-559.	2.0	33
57	Thermal performance of larval longfin dace ( <i>Agosia chrysogaster</i> ), with implications for climate change. <i>Environmental Biology of Fishes</i> , 2015, 98, 395-404.	1.0	8
58	Fragmentation, connectivity and fish species persistence in freshwater ecosystems. , 2015, , 292-323.		40
59	Towards a mechanistic understanding of fish species niche divergence along a river continuum. <i>Ecosphere</i> , 2014, 5, 1-18.	2.2	16
60	Factors associated with the success of native and nonnative species in an unfragmented arid-land riverscape. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1134-1145.	1.4	15
61	Quantifying flow-ecology relationships with functional linear models. <i>Hydrological Sciences Journal</i> , 2014, 59, 629-644.	2.6	38
62	Are large-scale flow experiments informing the science and management of freshwater ecosystems?. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 176-185.	4.0	180
63	Fish Community Responses to Mechanical Removal of Nonnative Fishes in a Large Southwestern River. <i>Fisheries</i> , 2014, 39, 352-363.	0.8	41
64	Influence of macroconsumers, stream position, and nutrient gradients on invertebrate assemblage development following flooding in intermittent prairie streams. <i>Hydrobiologia</i> , 2013, 714, 169-182.	2.0	3
65	Multidecadal responses of native and introduced fishes to natural and altered flow regimes in the American Southwest. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 554-564.	1.4	67
66	Multi-scale effects of impoundments on genetic structure of creek chub ( <i>Semotilus atromaculatus</i> ). <i>Conservation Genetics</i> , 2013, 14, 302-312.	2.4	49
67	Fragmentation alters stream fish community structure in dendritic ecological networks. <i>Ecological Applications</i> , 2012, 22, 2176-2187.	3.8	167
68	Long-term Dynamics of Native and Nonnative Fishes in the San Juan River, New Mexico and Utah, under a Partially Managed Flow Regime. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 645-659.	1.4	46
69	Direct and indirect effects of central stoneroller ( <i>Camptostoma anomalum</i> ) on mesocosm recovery following a flood: can macroconsumers affect denitrification?. <i>Journal of the North American Benthological Society</i> , 2011, 30, 840-852.	3.1	12
70	Dynamic influences of nutrients and grazing fish on periphyton during recovery from flood. <i>Journal of the North American Benthological Society</i> , 2011, 30, 331-345.	3.1	19
71	Nutrient loading and grazing by the minnow <i>Phoxinus erythrogaster</i> shift periphyton abundance and stoichiometry in mesocosms. <i>Freshwater Biology</i> , 2011, 56, 1133-1146.	2.4	28
72	Annual variation of community biomass is lower in more diverse stream fish communities. <i>Oikos</i> , 2011, 120, 582-590.	2.7	9

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73	Spatially variable response of native fish assemblages to discharge, predators and habitat characteristics in an arid-land river. <i>Freshwater Biology</i> , 2011, 56, 1403-1416.	2.4	38
74	Stream Fragmentation Thresholds for a Reproductive Guild of Great Plains Fishes. <i>Fisheries</i> , 2011, 36, 371-383.	0.8	133
75	Large-scale Flow Experiments for Managing River Systems. <i>BioScience</i> , 2011, 61, 948-959.	4.9	142
76	Retrospective analysis of fish community change during a half-century of landuse and streamflow changes. <i>Journal of the North American Benthological Society</i> , 2010, 29, 970-987.	3.1	119
77	Thresholds, breakpoints, and nonlinearity in freshwaters as related to management. <i>Journal of the North American Benthological Society</i> , 2010, 29, 988-997.	3.1	157
78	Consumer return chronology alters recovery trajectory of stream ecosystem structure and function following drought. <i>Ecology</i> , 2010, 91, 1048-1062.	3.2	33
79	Influence of spatial positioning within stream networks on fish assemblage structure in the Kansas River basin, USA. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 143-156.	1.4	48
80	Convergence of fish communities from the littoral zone of reservoirs. <i>Freshwater Biology</i> , 2009, 54, 1163-1177.	2.4	45
81	Disturbance frequency and functional identity mediate ecosystem processes in prairie streams. <i>Oikos</i> , 2009, 118, 917-933.	2.7	30
82	Effects of American Water Willow Establishment on Density, Growth, Diet, and Condition of Age-0 Largemouth Bass in Kansas Reservoirs. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 269-279.	1.4	15
83	NATURAL FLOW REGIMES, NONNATIVE FISHES, AND NATIVE FISH PERSISTENCE IN ARID-LAND RIVER SYSTEMS. <i>Ecological Applications</i> , 2008, 18, 1236-1252.	3.8	104
84	Consumption of Native and Nonnative Fishes by Introduced Largemouth Bass ( <i>Micropterus salmoides</i> ) in the San Juan River, New Mexico. <i>Southwestern Naturalist</i> , 2008, 53, 105-108.	0.1	9
85	Flow regime affects availability of native and nonnative prey of an endangered predator. <i>Biological Conservation</i> , 2007, 138, 330-340.	4.1	33
86	Effects of the herbivorous minnow, southern redbelly dace ( <i>Phoxinus erythrogaster</i> ), on stream productivity and ecosystem structure. <i>Oecologia</i> , 2007, 151, 69-81.	2.0	33
87	Modular Experimental Riffle-Pool Stream System. <i>Transactions of the American Fisheries Society</i> , 2006, 135, 1559-1566.	1.4	37
88	Spatial effects of reservoirs on fish assemblages in Great Plains streams in Kansas, USA. <i>River Research and Applications</i> , 2006, 22, 55-68.	1.7	63
89	Effects of floods on fish assemblages in an intermittent prairie stream. <i>Freshwater Biology</i> , 2006, 51, 2072-2086.	2.4	88
90	Spatial Variation in $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ Isotopes in the San Juan River, New Mexico and Utah: Implications for the Conservation of Native Fishes. <i>Environmental Biology of Fishes</i> , 2006, 75, 197-207.	1.0	19

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91	Use of Stable Isotopes to Test Literature-based Trophic Classifications of Small-bodied Stream Fishes. <i>American Midland Naturalist</i> , 2006, 156, 1-10.	0.4	17
92	EFFECTS OF ARTIFICIAL LIGHTING AND PRESENCE OF MENIDIA BERYLLINA ON GROWTH AND DIET OF LABIDESTHES SICCULUS. <i>Southwestern Naturalist</i> , 2006, 51, 510-513.	0.1	4
93	An evaluation of single-pass versus multiple-pass backpack electrofishing to estimate trends in species abundance and richness in prairie streams. <i>Transactions of the Kansas Academy of Science</i> , 2006, 109, 131-138.	0.1	54
94	Effects of reservoir connectivity on stream fish assemblages in the Great Plains. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 480-493.	1.4	45
95	Predictability of littoral-zone fish communities through ontogeny in Lake Texoma, Oklahoma-Texas, USA. <i>Environmental Biology of Fishes</i> , 2005, 73, 21-36.	1.0	7
96	Habitat Use and Susceptibility to Predation of Four Prairie Stream Fishes: Implications for Conservation of the Endangered Topeka Shiner. <i>Copeia</i> , 2005, 2005, 38-47.	1.3	23
97	The Response of Water Willow <i>Justicia americana</i> to Different Water Inundation and Desiccation Regimes. <i>North American Journal of Fisheries Management</i> , 2005, 25, 1476-1485.	1.0	15
98	A TEST FOR COMMUNITY CHANGE USING A NULL MODEL APPROACH. , 2005, 15, 1761-1771.		13
99	Ecosystem Processes Performed by Unionid Mussels in Stream Mesocosms: Species Roles and Effects of Abundance. <i>Hydrobiologia</i> , 2004, 527, 35-47.	2.0	150
100	Fish Assemblages of Reservoirs, Illustrated by Lake Texoma (Oklahoma-Texas, USA) as a Representative System. <i>Lake and Reservoir Management</i> , 2004, 20, 219-239.	1.3	31
101	Responses of Native and Nonnative Fishes to Natural Flow Regime Mimicry in the San Juan River. <i>Transactions of the American Fisheries Society</i> , 2004, 133, 922-931.	1.4	130
102	Life on the Edge: The Ecology of Great Plains Prairie Streams. <i>BioScience</i> , 2004, 54, 205.	4.9	301
103	Patterns of fish invasions in the Great Plains of North America. <i>Biological Conservation</i> , 2004, 118, 121-131.	4.1	75
104	Effects of Barriers and Thermal Refugia on Local Movement of the Threatened Leopard Darter, <i>Percina pantherina</i> . <i>Environmental Biology of Fishes</i> , 2003, 66, 391-400.	1.0	45
105	Management and Ecology of Lake and Reservoir Fisheries. <i>Journal of Environmental Quality</i> , 2003, 32, 1150-1150.	2.0	0
106	Interspecific Comparisons and the Potential Importance of Nutrient Excretion by Benthic Fishes in a Large Reservoir. <i>Transactions of the American Fisheries Society</i> , 2002, 131, 260-270.	1.4	41
107	Rediscovery of <i>Labidesthes sicculus</i> (Atherinidae) in Lake Texoma (Oklahoma-Texas). <i>Southwestern Naturalist</i> , 2002, 47, 142.	0.1	8
108	Structure of Littoral-zone Fish Communities in Relation to Habitat, Physical, and Chemical Gradients in a Southern Reservoir. <i>Environmental Biology of Fishes</i> , 2002, 63, 253-263.	1.0	43

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109	Ecosystem effects of water column minnows in experimental streams. <i>Oecologia</i> , 2001, 126, 247-253.	2.0	35
110	Density-Dependent Overwinter Survival and Growth of Red Shiners from a Southwestern River. <i>Transactions of the American Fisheries Society</i> , 2001, 130, 478-488.	1.4	24
111	Feeding Ecology of Three Omnivorous Fishes in Lake Texoma (Oklahoma-Texas). <i>Southwestern Naturalist</i> , 2001, 46, 23.	0.1	8
112	LONG-TERM CHANGES IN A RESERVOIR FISH ASSEMBLAGE: STABILITY IN AN UNPREDICTABLE ENVIRONMENT. , 2000, 10, 1517-1529.		62
113	Stream-Channel Position of Adult Rainbow Trout Downstream of Navajo Reservoir, New Mexico, Following Changes in Reservoir Release. <i>North American Journal of Fisheries Management</i> , 2000, 20, 250-258.	1.0	14
114	Habitat Use and Association of Native and Nonnative Fishes in the San Juan River, New Mexico and Utah. <i>Copeia</i> , 1999, 1999, 321.	1.3	32
115	Invasion of North American drainages by alien fish species. <i>Freshwater Biology</i> , 1999, 42, 387-399.	2.4	186
116	Spatial and temporal variation of fish communities in secondary channels of the San Juan River, New Mexico and Utah. <i>Environmental Biology of Fishes</i> , 1997, 49, 417-434.	1.0	37