James A Crossman

List of Publications by Year
in descending order

26	392	840776 11	794594 19
papers	citations	h-index	g-index

27	27	27	285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Individual-based analyses reveal high repeatability in timing and location of reproduction in lake sturgeon (Acipenser fulvescens). Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 60-72.	1.4	63
2	Gamete and larval collection methods and hatchery rearing environments affect levels of genetic diversity in early life stages of lake sturgeon (Acipenser fulvescens). Aquaculture, 2011, 310, 312-324.	3.5	46
3	Environmental and maternal effects on embryonic and larval developmental time until dispersal of lake sturgeon (Acipenser fulvescens). Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 643-654.	1.4	36
4	Hatchery rearing environment and age affect survival and movements of stocked juvenile lake sturgeon. Fisheries Management and Ecology, 2011, 18, 132-144.	2.0	33
5	Microbial Community Assembly and Succession on Lake Sturgeon Egg Surfaces as a Function of Simulated Spawning Stream Flow Rate. Microbial Ecology, 2013, 66, 500-511.	2.8	29
6	Estimates of Effective Number of Breeding Adults and Reproductive Success for White Sturgeon. Transactions of the American Fisheries Society, 2014, 143, 1204-1216.	1.4	23
7	Overwinter survival of stocked age-0 lake sturgeon. Journal of Applied Ichthyology, 2009, 25, 516-521.	0.7	20
8	Experimental Examination of Surgical Procedures for Implanting Sonic Transmitters in Juvenile Shortnose Sturgeon and Atlantic Sturgeon. North American Journal of Fisheries Management, 2013, 33, 549-556.	1.0	17
9	Survival and Growth of Lake Sturgeon during Early Life Stages as a Function of Rearing Environment. Transactions of the American Fisheries Society, 2014, 143, 104-116.	1.4	16
10	EVALUATION OF SPAWNING SUBSTRATE ENHANCEMENT FOR WHITE STURGEON IN A REGULATED RIVER: EFFECTS ON LARVAL RETENTION AND DISPERSAL. River Research and Applications, 2014, 30, 1-10.	1.7	15
11	Dissipation of Supersaturated Total Dissolved Gases in the Intermediate Mixing Zone of a Regulated River. Journal of Environmental Engineering, ASCE, 2019, 145, .	1.4	15
12	Lethal and non-lethal effects of predation by native fish and an invasive crayfish on hatchery-reared age-0 lake sturgeon (Acipenser fulvescens Rafinesque, 1817). Journal of Applied Ichthyology, 2018, 34, 322-330.	0.7	13
13	Case Study of Total Dissolved Gas Transfer and Degasification in a Prototype Ski-Jump Spillway. Journal of Hydraulic Engineering, 2020, 146, .	1.5	13
14	Exposure Risk of Fish Downstream of a Hydropower Facility to Supersaturated Total Dissolved Gas. Water Resources Research, 2022, 58, .	4.2	10
15	Describing the Diet of Juvenile White Sturgeon in the Upper Columbia River Canada with Lethal and Nonlethal Methods. North American Journal of Fisheries Management, 2016, 36, 421-432.	1.0	6
16	Assessing impact of exogenous features on biotic phenomena in the presence of strong spatial dependence: A lake sturgeon case study in natural stream settings. PLoS ONE, 2018, 13, e0204150.	2.5	6
17	Temperature affects transition timing and phenotype between key developmental stages in white sturgeon Acipenser transmontanus yolk-sac larvae. Environmental Biology of Fishes, 2020, 103, 1149-1162.	1.0	6
18	Spontaneous autopolyploidy in the Acipenseriformes, with recommendations for management. Reviews in Fish Biology and Fisheries, 2021, 31, 159-180.	4.9	6

#	Article	IF	Citations
19	A comparison of turbine entrainment rates and seasonal entrainment vulnerability of two sympatric char species, bull trout and lake trout, in a hydropower reservoir. River Research and Applications, 2020, 36, 1033-1045.	1.7	5
20	Stranded Kokanee Salvaged from Turbine Intake Infrastructure Are at Low Risk for Reentrainment: A Telemetry Study in a Hydropower Facility Forebay. North American Journal of Fisheries Management, 2020, 40, 1545-1552.	1.0	4
21	Accuracy of histology, endoscopy, ultrasonography, and plasma sex steroids in describing the population reproductive structure of hatcheryâ€origin and wild white sturgeon. Journal of Applied Ichthyology, 2022, 38, 3-16.	0.7	4
22	Egg lipid and thiamine vary between early and late spawning lake sturgeon. Journal of Applied Ichthyology, 2021, 37, 655-663.	0.7	2
23	A System Model for Total Dissolved Gas Risk Assessment Due to Multidam Spill Operations. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	2
24	Milt volume influences the probability of egg fertilization in lake sturgeon (<i>Acipenser) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (	0.7	1
25	An assessment tool for estimating effects of entrainment at hydropower facilities on adfluvial fish populations. Environment Systems and Decisions, 2022, 42, 556-571.	3.4	1
26	Population Reproductive Structure of Rainbow Trout Determined by Histology and Advancing Methods to Assign Sex and Assess Spawning Capability. Transactions of the American Fisheries Society, 2022, 151, 422-440.	1.4	0