James F Gilliam

List of Publications by Year
in descending order

35 papers	5,295 citations	331259 21 h-index	433756 31 g-index
35 all docs	35 docs citations	35 times ranked	3948 citing authors

#	Article	IF	Citations
1	An Experimental Test of the Effects of Predation Risk on Habitat Use in Fish. Ecology, 1983, 64, 1540-1548.	1.5	1,351
2	Habitat Selection Under Predation Hazard: Test of a Model with Foraging Minnows. Ecology, 1987, 68, 1856-1862.	1.5	715
3	FUNCTIONAL RESPONSES WITH PREDATOR INTERFERENCE: VIABLE ALTERNATIVES TO THE HOLLING TYPE II MODEL. Ecology, 2001, 82, 3083-3092.	1.5	531
4	Explaining Leptokurtic Movement Distributions: Intrapopulation Variation in Boldness and Exploration. American Naturalist, 2001, 158, 124-135.	1.0	503
5	Experimental Tests of Optimal Habitat Use in Fish: The Role of Relative Habitat Profitability. Ecology, 1983, 64, 1525-1539.	1.5	355
6	MODELING DIFFUSIVE SPREAD IN A HETEROGENEOUS POPULATION: A MOVEMENT STUDY WITH STREAM FISH. Ecology, 2000, 81, 1685-1700.	1.5	225
7	Nonlethal Impacts of Predator Invasion: Facultative Suppression of Growth and Reproduction. Ecology, 1992, 73, 959-970.	1.5	222
8	Structure of a Tropical Stream Fish Community: A Role for Biotic Interactions. Ecology, 1993, 74, 1856-1870.	1.5	171
9	Feeding under predation hazard: response of the guppy and Hart's rivulus from sites with contrasting predation hazard. Behavioral Ecology and Sociobiology, 1987, 21, 203-209.	0.6	163
10	MOVEMENT IN CORRIDORS: ENHANCEMENT BY PREDATION THREAT, DISTURBANCE, AND HABITAT STRUCTURE. Ecology, 2001, 82, 258-273.	1.5	160
11	Strong Effects of Foraging Minnows on a Stream Benthic Invertebrate Community. Ecology, 1989, 70, 445-452.	1.5	111
12	Predation as an Agent of Population Fragmentation in a Tropical Watershed. Ecology, 1995, 76, 1461-1472.	1.5	87
13	A Diffusionâ€Based Theory of Organism Dispersal in Heterogeneous Populations. American Naturalist, 2003, 161, 441-458.	1.0	68
14	Demographic Analyses of a Hunted Black Bear Population with Access to a Refuge. Conservation Biology, 1996, 10, 224-234.	2.4	65
15	NIGHT FEEDING BY GUPPIES UNDER PREDATOR RELEASE: EFFECTS ON GROWTH AND DAYTIME COURTSHIP. Ecology, 2004, 85, 312-319.	1.5	65
16	Ideal Free Distributions of Stream Fish: A Model and Test with Minnows, Rhinicthys Atratulus. Ecology, 1995, 76, 580-592.	1.5	59
17	HABITAT QUALITY IN A HOSTILE RIVER CORRIDOR. Ecology, 1999, 80, 597-607.	1.5	59
18	Consequences of alternative dispersal strategies in a putatively amphidromous fish. Ecology, 2014, 95, 2397-2408.	1.5	57

#	Article	IF	Citations
19	VARIABLE INTAKE, COMPENSATORY GROWTH, AND INCREASED GROWTH EFFICIENCY IN FISH: MODELS AND MECHANISMS. Ecology, 2005, 86, 1452-1462.	1.5	48
20	Environmental and Organismal Predictors of Intraspecific Variation in the Stoichiometry of a Neotropical Freshwater Fish. PLoS ONE, 2012, 7, e32713.	1.1	47
21	Feeding under Predation Hazard: Testing Models of Adaptive Behavior with Stream Fish. American Naturalist, 2002, 160, 158-172.	1.0	33
22	Hunting by the Hunted: Optimal Prey Selection by Foragers under Predation Hazard. , 1990, , 797-819.		29
23	FUNCTIONAL RESPONSES WITH PREDATOR INTERFERENCE: VIABLE ALTERNATIVES TO THE HOLLING TYPE II MODEL. , 2001, 82, 3083.		29
24	Overcoming urban stream syndrome: Trophic flexibility confers resilience in a Hawaiian stream fish. Freshwater Biology, 2018, 63, 492-502.	1.2	25
25	MOVEMENT ECOLOGY: SIZE-SPECIFIC BEHAVIORAL RESPONSE OF AN INVASIVE SNAIL TO FOOD AVAILABILITY. Ecology, 2008, 89, 1961-1971.	1.5	19
26	Spread of an introduced parasite across the Hawaiian archipelago independent of its introduced host. Freshwater Biology, 2015, 60, 311-322.	1.2	18
27	Effects of temporal patterning of predation threat on movement of a stream fish: evaluating an intermediate threat hypothesis. Environmental Biology of Fishes, 2006, 76, 25-35.	0.4	17
28	Isolation and differentiation of Rivulus hartii across Trinidad and neighboring islands. Molecular Ecology, 2011, 20, 601-618.	2.0	15
29	Mutual dilution of infection by an introduced parasite in native and invasive stream fishes across Hawaii. Parasitology, 2016, 143, 1605-1614.	0.7	9
30	MODELING DIFFUSIVE SPREAD IN A HETEROGENEOUS POPULATION: A MOVEMENT STUDY WITH STREAM FISH. , 2000, 81, 1685.		9
31	Invasion of the Hawaiian Islands by a parasite infecting imperiled stream fishes. Ecography, 2018, 41, 528-539.	2.1	8
32	Comparison of Visual Survey and Markâ€“Recapture Population Estimates of a Benthic Fish in Hawaii. Transactions of the American Fisheries Society, 2016, 145, 878-887.	0.6	6
33	Migratory gauntlets on oceanic islands: Watershed disturbance increases the cost of amphidromy. Ecology of Freshwater Fish, 2019, 28, 446-458.	0.7	6
34	MOVEMENT IN CORRIDORS: ENHANCEMENT BY PREDATION THREAT, DISTURBANCE, AND HABITAT STRUCTURE. , 2001, 82, 258.		6
35	Landscape patterns in topâ€down control of decomposition: omnivory disrupts a tropical detritalâ€based trophic cascade. Ecology, 2019, 100, e02723.	1.5	4