

Scott D Peacor

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,403
citations

172457

29
h-index

214800

47
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all docs

49
docs citations

49
times ranked

4101
citing authors

#	ARTICLE	IF	CITATIONS
1	A REVIEW OF TRAIT-MEDIATED INDIRECT INTERACTIONS IN ECOLOGICAL COMMUNITIES. <i>Ecology</i> , 2003, 84, 1083-1100.	3.2	1,336
2	Predator-prey naïveté, antipredator behavior, and the ecology of predator invasions. <i>Oikos</i> , 2010, 119, 610-621.	2.7	561
3	REVISITING THE CLASSICS: CONSIDERING NONCONSUMPTIVE EFFECTS IN TEXTBOOK EXAMPLES OF PREDATOR-PREY INTERACTIONS. <i>Ecology</i> , 2008, 89, 2416-2425.	3.2	401
4	LARGE NONLETHAL EFFECTS OF AN INVASIVE INVERTEBRATE PREDATOR ON ZOOPLANKTON POPULATION GROWTH RATE. <i>Ecology</i> , 2007, 88, 402-412.	3.2	214
5	TRAIT-MEDIATED INDIRECT INTERACTIONS IN A SIMPLE AQUATIC FOOD WEB. <i>Ecology</i> , 1997, 78, 1146-1156.	3.2	188
6	PREDATOR EFFECTS ON AN ASSEMBLAGE OF CONSUMERS THROUGH INDUCED CHANGES IN CONSUMER FORAGING BEHAVIOR. <i>Ecology</i> , 2000, 81, 1998-2010.	3.2	120
7	Positive effect of predators on prey growth rate through induced modifications of prey behaviour. <i>Ecology Letters</i> , 2002, 5, 77-85.	6.4	109
8	Nonconsumptive predator effects on prey population size: A dearth of evidence. <i>Journal of Animal Ecology</i> , 2020, 89, 1302-1316.	2.8	88
9	LETHAL AND NONLETHAL PREDATOR EFFECTS ON AN HERBIVORE GUILD MEDIATED BY SYSTEM PRODUCTIVITY. <i>Ecology</i> , 2006, 87, 347-361.	3.2	87
10	CONSUMPTIVE AND NONCONSUMPTIVE EFFECTS OF PREDATORS ON METACOMMUNITIES OF COMPETING PREY. <i>Ecology</i> , 2008, 89, 2426-2435.	3.2	83
11	Costs of predator-induced phenotypic plasticity: a graphical model for predicting the contribution of nonconsumptive and consumptive effects of predators on prey. <i>Oecologia</i> , 2013, 171, 1-10.	2.0	82
12	Non-lethal effect of the invasive predator <i>Bythotrephes longimanus</i> on <i>Daphnia mendotae</i> . <i>Freshwater Biology</i> , 2006, 51, 1070-1078.	2.4	80
13	HOW DEPENDENT ARE SPECIES-PAIR INTERACTION STRENGTHS ON OTHER SPECIES IN THE FOOD WEB?. <i>Ecology</i> , 2004, 85, 2754-2763.	3.2	68
14	Behavioural response of bullfrog tadpoles to chemical cues of predation risk are affected by cue age and water source. <i>Hydrobiologia</i> , 2006, 573, 39-44.	2.0	61
15	Invasive species impacts on ecosystem structure and function: A comparison of Oneida Lake, New York, USA, before and after zebra mussel invasion. <i>Ecological Modelling</i> , 2009, 220, 3194-3209.	2.5	56
16	The spread, establishment and impacts of the spiny water flea, <i>Bythotrephes longimanus</i> , in temperate North America: a synopsis of the special issue. <i>Biological Invasions</i> , 2011, 13, 2423-2432.	2.4	53
17	Opportunities for behavioral rescue under rapid environmental change. <i>Global Change Biology</i> , 2019, 25, 3110-3120.	9.5	53
18	A framework and standardized terminology to facilitate the study of predation-risk effects. <i>Ecology</i> , 2020, 101, e03152.	3.2	52

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19	Experimental and model analyses of the effects of competition on individual size variation in wood frog (<i>Rana sylvatica</i>) tadpoles. <i>Journal of Animal Ecology</i> , 2006, 75, 990-999.	2.8	51
20	CONTEXT DEPENDENCE OF NONLETHAL EFFECTS OF A PREDATOR ON PREY GROWTH. <i>Israel Journal of Zoology</i> , 2004, 50, 139-167.	0.2	44
21	Scaling-up anti-predator phenotypic responses of prey: impacts over multiple generations in a complex aquatic community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 122-128.	2.6	40
22	Species-specific responses of planktivorous fish to the introduction of a new piscivore: implications for prey fitness. <i>Freshwater Biology</i> , 2007, 52, 1793-1806.	2.4	39
23	Invasive species impacts on ecosystem structure and function: A comparison of the Bay of Quinte, Canada, and Oneida Lake, USA, before and after zebra mussel invasion. <i>Ecological Modelling</i> , 2009, 220, 3182-3193.	2.5	36
24	Light-dependent predation by the invertebrate planktivore <i>Bythotrephes longimanus</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1748-1757.	1.4	36
25	Bias in meta-analyses using Hedges's I^2 . <i>Ecosphere</i> , 2018, 9, e02419.	2.2	36
26	Phenotypic Plasticity Opposes Species Invasions by Altering Fitness Surface. <i>PLoS Biology</i> , 2006, 4, e372.	5.6	35
27	The invasive predator <i>Bythotrephes</i> induces changes in the vertical distribution of native copepods in Lake Michigan. <i>Biological Invasions</i> , 2011, 13, 2533-2545.	2.4	34
28	Finely tuned response of native prey to an invasive predator in a freshwater system. <i>Ecology</i> , 2013, 94, 1449-1455.	3.2	33
29	Phosphorus targets and eutrophication objectives in Saginaw Bay: A 35year assessment. <i>Journal of Great Lakes Research</i> , 2014, 40, 4-10.	1.9	31
30	An assessment of statistical methods for nonindependent data in ecological meta-analyses. <i>Ecology</i> , 2020, 101, e03184.	3.2	31
31	Variable performance of individuals: the role of population density and endogenously formed landscape heterogeneity. <i>Journal of Animal Ecology</i> , 2003, 72, 725-735.	2.8	29
32	MECHANISMS OF NONLETHAL PREDATOR EFFECT ON COHORT SIZE VARIATION: ECOLOGICAL AND EVOLUTIONARY IMPLICATIONS. <i>Ecology</i> , 2007, 88, 1536-1547.	3.2	29
33	The effect of size-dependent growth and environmental factors on animal size variability. <i>Theoretical Population Biology</i> , 2007, 71, 80-94.	1.1	25
34	The growth-mortality tradeoff: evidence from anuran larvae and consequences for species distributions. <i>Oecologia</i> , 2006, 149, 194-202.	2.0	23
35	Plastic response to a proxy cue of predation risk when direct cues are unreliable. <i>Ecology</i> , 2013, 94, 2237-2248.	3.2	19
36	Factors affecting the vertical distribution of the zooplankton assemblage in Lake Michigan: The role of the invasive predator <i>Bythotrephes longimanus</i> . <i>Journal of Great Lakes Research</i> , 2015, 41, 115-124.	1.9	18

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37	Predator presence dramatically reduces copepod abundance through condition-mediated non-consumptive effects. <i>Freshwater Biology</i> , 2016, 61, 1020-1031.	2.4	15
38	A new computational system, DOVE (Digital Organisms in a Virtual Ecosystem), to study phenotypic plasticity and its effects in food webs. <i>Ecological Modelling</i> , 2007, 205, 13-28.	2.5	13
39	Temperature gradients, not food resource gradients, affect growth rate of migrating <i>Daphnia mendotae</i> in Lake Michigan. <i>Journal of Great Lakes Research</i> , 2010, 36, 345-350.	1.9	13
40	Mussel-derived stimulation of benthic filamentous algae: The importance of nutrients and spatial scale. <i>Journal of Great Lakes Research</i> , 2017, 43, 69-79.	1.9	13
41	The influence of light and nutrients on benthic filamentous algal growth: A case study of Saginaw Bay, Lake Huron. <i>Journal of Great Lakes Research</i> , 2014, 40, 64-74.	1.9	12
42	Statistical tests for biological interactions: A comparison of permutation tests and analysis of variance. <i>Acta Oecologica</i> , 2008, 33, 66-72.	1.1	11
43	An assessment of statistical methods for non-independent data in ecological meta-analyses: Reply. <i>Ecology</i> , 2022, 103, e03578.	3.2	9
44	The implications of adaptive prey behaviour for ecological communities. , 2012, , 131-160.		8
45	Spatial and temporal patterns of macroscopic benthic primary producers in Saginaw Bay, Lake Huron. <i>Journal of Great Lakes Research</i> , 2014, 40, 53-63.	1.9	7
46	Behavioral response of Lake Michigan <i>Daphnia mendotae</i> to <i>Mysis relicta</i> . <i>Journal of Great Lakes Research</i> , 2005, 31, 144-154.	1.9	6
47	Predator Effects on an Assemblage of Consumers through Induced Changes in Consumer Foraging Behavior. <i>Ecology</i> , 2000, 81, 1998.	3.2	6
48	Long-term survey data reveal large predator and temperature effects on population growth of multiple zooplankton species. <i>Limnology and Oceanography</i> , 2020, 65, 694-706.	3.1	3