

# Jonathan H Grabowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9436912/publications.pdf>

Version: 2024-02-01

115  
papers

6,260  
citations

81900

39  
h-index

76900

74  
g-index

116  
all docs

116  
docs citations

116  
times ranked

5024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic Valuation of Ecosystem Services Provided by Oyster Reefs. <i>BioScience</i> , 2012, 62, 900-909.	4.9	443
2	REVISITING THE CLASSICS: CONSIDERING NONCONSUMPTIVE EFFECTS IN TEXTBOOK EXAMPLES OF PREDATOR-“PREY INTERACTIONS. <i>Ecology</i> , 2008, 89, 2416-2425.	3.2	401
3	Estimated enhancement of fish production resulting from restoring oyster reef habitat: quantitative valuation. <i>Marine Ecology - Progress Series</i> , 2003, 264, 249-264.	1.9	332
4	HABITAT COMPLEXITY DISRUPTS PREDATOR-“PREY INTERACTIONS BUT NOT THE TROPHIC CASCADE ON OYSTER REEFS. <i>Ecology</i> , 2004, 85, 995-1004.	3.2	312
5	Historical ecology with real numbers: past and present extent and biomass of an imperilled estuarine habitat. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3393-3400.	2.6	242
6	Restoring oyster reefs to recover ecosystem services. <i>Theoretical Ecology Series</i> , 2007, 4, 281-298.	0.2	225
7	HOW HABITAT SETTING INFLUENCES RESTORED OYSTER REEF COMMUNITIES. <i>Ecology</i> , 2005, 86, 1926-1935.	3.2	216
8	CASCADING OF HABITAT DEGRADATION: OYSTER REEFS INVADED BY REFUGEE FISHES ESCAPING STRESS. , 2001, 11, 764-782.		199
9	Ecological Consequences of Shoreline Hardening: A Meta-Analysis. <i>BioScience</i> , 2016, 66, 763-773.	4.9	160
10	Success of constructed oyster reefs in no-harvest sanctuaries: implications for restoration. <i>Marine Ecology - Progress Series</i> , 2009, 389, 159-170.	1.9	160
11	FROM INDIVIDUALS TO ECOSYSTEM FUNCTION: TOWARD AN INTEGRATION OF EVOLUTIONARY AND ECOSYSTEM ECOLOGY. <i>Ecology</i> , 2008, 89, 2436-2445.	3.2	158
12	Oyster reefs can outpace sea-level rise. <i>Nature Climate Change</i> , 2014, 4, 493-497.	18.8	147
13	HABITAT COMPLEXITY INFLUENCES CASCADING EFFECTS OF MULTIPLE PREDATORS. <i>Ecology</i> , 2008, 89, 3413-3422.	3.2	145
14	Guidelines for evaluating performance of oyster habitat restoration. <i>Restoration Ecology</i> , 2015, 23, 737-745.	2.9	125
15	Habitat complexity mitigates trophic transfer on oyster reefs. <i>Marine Ecology - Progress Series</i> , 2004, 277, 291-295.	1.9	124
16	Estimating enhancement of fish production by offshore artificial reefs: uncertainty exhibited by divergent scenarios. <i>Marine Ecology - Progress Series</i> , 2003, 264, 265-277.	1.9	116
17	The cost of safety: Refuges increase the impact of predation risk in aquatic systems. <i>Ecology</i> , 2013, 94, 573-579.	3.2	102
18	PREDATOR-AVOIDANCE BEHAVIOR EXTENDS TROPHIC CASCADES TO REFUGE HABITATS. <i>Ecology</i> , 2005, 86, 1312-1319.	3.2	97

#	ARTICLE	IF	CITATIONS
19	Investing in Natural and Nature-Based Infrastructure: Building Better Along Our Coasts. Sustainability, 2018, 10, 523.	3.2	92
20	Quantifying fish and mobile invertebrate production from a threatened nursery habitat. Journal of Applied Ecology, 2016, 53, 596-606.	4.0	90
21	CONSUMPTIVE AND NONCONSUMPTIVE EFFECTS OF PREDATORS ON METACOMMUNITIES OF COMPETING PREY. Ecology, 2008, 89, 2426-2435.	3.2	83
22	SIMULATED PREDATOR EXTINCTIONS: PREDATOR IDENTITY AFFECTS SURVIVAL AND RECRUITMENT OF OYSTERS. Ecology, 2008, 89, 428-438.	3.2	73
23	Ocean acidification impairs crab foraging behaviour. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150333.	2.6	73
24	Evaluation of image-based multibeam sonar backscatter classification for benthic habitat discrimination and mapping at Stanton Banks, UK. Estuarine, Coastal and Shelf Science, 2009, 81, 423-437.	2.1	70
25	Oyster reefs as carbon sources and sinks. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170891.	2.6	70
26	Resource dynamics influence the strength of non-consumptive predator effects on prey. Ecology Letters, 2009, 12, 315-323.	6.4	69
27	Variation in marine benthic community composition allows discrimination of multiple stressors. Marine Ecology - Progress Series, 2003, 261, 63-73.	1.9	69
28	Habitat context influences predator interference interactions and the strength of resource partitioning. Oecologia, 2006, 149, 256-264.	2.0	68
29	Ecosystem-Based Fisheries Management for Social-Ecological Systems: Renewing the Focus in the United States with Next Generation Fishery Ecosystem Plans. Conservation Letters, 2018, 11, e12367.	5.7	68
30	Maximizing the benefits of oyster reef restoration for finfish and their fisheries. Fish and Fisheries, 2018, 19, 931-947.	5.3	61
31	Hurricane damage along natural and hardened estuarine shorelines: Using homeowner experiences to promote nature-based coastal protection. Marine Policy, 2017, 81, 350-358.	3.2	60
32	Geographic variation in intertidal oyster reef properties and the influence of tidal prism. Limnology and Oceanography, 2015, 60, 1051-1063.	3.1	59
33	Maximizing oyster-reef growth supports green infrastructure with accelerating sea-level rise. Scientific Reports, 2015, 5, 14785.	3.3	58
34	Use of Herring Bait to Farm Lobsters in the Gulf of Maine. PLoS ONE, 2010, 5, e10188.	2.5	53
35	Habitat context influences nitrogen removal by restored oyster reefs. Journal of Applied Ecology, 2015, 52, 716-725.	4.0	52
36	Estimating spatial distribution of American lobster Homarus americanus using habitat variables. Marine Ecology - Progress Series, 2010, 420, 145-156.	1.9	52

#	ARTICLE	IF	CITATIONS
37	Building effective fishery ecosystem plans. <i>Marine Policy</i> , 2018, 92, 48-57.	3.2	51
38	The biogeography of trophic cascades on US oyster reefs. <i>Ecology Letters</i> , 2014, 17, 845-854.	6.4	50
39	Measuring individuality in habitat use across complex landscapes: approaches, constraints, and implications for assessing resource specialization. <i>Oecologia</i> , 2015, 178, 75-87.	2.0	46
40	Detection of deep water benthic macroalgae using image-based classification techniques on multibeam backscatter at Cashes Ledge, Gulf of Maine, USA. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 91, 87-101.	2.1	44
41	The diversity bonus in pooling local knowledge about complex problems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	43
42	Urban blue: A global analysis of the factors shaping people's perceptions of the marine environment and ecological engineering in harbours. <i>Science of the Total Environment</i> , 2019, 658, 1293-1305.	8.0	42
43	Assessing the Vulnerability of Marine Benthos to Fishing Gear Impacts. <i>Reviews in Fisheries Science and Aquaculture</i> , 2014, 22, 142-155.	9.1	37
44	Predator Effects in Predator-Free Space: the Remote Effects of Predators on Prey. <i>Open Ecology Journal</i> , 2010, 3, 22-30.	2.0	37
45	Social Factors Key to Landscape-Scale Coastal Restoration: Lessons Learned from Three U.S. Case Studies. <i>Sustainability</i> , 2020, 12, 869.	3.2	34
46	Using acoustic telemetry to observe the effects of a groundfish predator (Atlantic cod, <i>Gadus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Fisheries and Aquatic Sciences, 2013, 70, 1625-1634.	1.4	33
47	Understanding climate impacts on recruitment and spatial dynamics of Atlantic cod in the Gulf of Maine: Integration of observations and modeling. <i>Progress in Oceanography</i> , 2010, 87, 251-263.	3.2	32
48	Exploring the life-history implications of colour variation in offshore Gulf of Maine cod ( <i>Gadus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.5	32
49	Deposition and Long-Shore Transport of Dredge Spoils to Nourish Beaches: Impacts on Benthic Infauna of an Ebb-Tidal Delta. <i>Journal of Coastal Research</i> , 2006, 223, 530-546.	0.3	30
50	Refuge quality impacts the strength of nonconsumptive effects on prey. <i>Ecology</i> , 2017, 98, 403-411.	3.2	29
51	Consequences of large-scale salinity alteration during the Deepwater Horizon oil spill on subtidal oyster populations. <i>Marine Ecology - Progress Series</i> , 2017, 576, 175-187.	1.9	29
52	Nonconsumptive effects of a predator weaken then rebound over time. <i>Ecology</i> , 2017, 98, 656-667.	3.2	28
53	Omnivory dampens trophic cascades in estuarine communities. <i>Marine Ecology - Progress Series</i> , 2014, 507, 197-206.	1.9	26
54	Inclusion of Biodiversity in Habitat Restoration Policy to Facilitate Ecosystem Recovery. <i>Conservation Letters</i> , 2018, 11, e12419.	5.7	24

#	ARTICLE	IF	CITATIONS
55	Natural Shorelines Promote the Stability of Fish Communities in an Urbanized Coastal System. PLoS ONE, 2015, 10, e0118580.	2.5	24
56	The role of food limitation in lobster population dynamics in coastal Maine, United States, and New Brunswick, Canada. New Zealand Journal of Marine and Freshwater Research, 2009, 43, 185-193.	2.0	23
57	Effects of landscape setting on oyster reef structure and function largely persist more than a decade post-restoration. Restoration Ecology, 2018, 26, 933-942.	2.9	23
58	Regional environmental variation and local species interactions influence biogeographic structure on oyster reefs. Ecology, 2020, 101, e02921.	3.2	22
59	Effects of habitat fragmentation on <i>Zostera marina</i> seed distribution. Aquatic Botany, 2017, 142, 1-9.	1.6	22
60	Genetic by environmental variation but no local adaptation in oysters ( <i>Crassostrea virginica</i> ). Ecology and Evolution, 2017, 7, 697-709.	1.9	21
61	Factors affecting recruitment, growth and survival of the eastern oyster <i>Crassostrea virginica</i> across an intertidal elevation gradient in southern New England. Marine Ecology - Progress Series, 2019, 609, 119-132.	1.9	21
62	Distribution of the invasive bivalve <i>Mya arenaria</i> L. on intertidal flats of southcentral Alaska. Journal of Sea Research, 2006, 55, 207-216.	1.6	20
63	Examining how landscapes influence benthic community assemblages in seagrass and mudflat habitats in southern Maine. Journal of Experimental Marine Biology and Ecology, 2012, 411, 1-6.	1.5	19
64	Angler Attitudes Explain Disparate Behavioral Reactions to Fishery Regulations. Fisheries, 2019, 44, 475-487.	0.8	19
65	Views from the dock: Warming waters, adaptation, and the future of Maine's lobster fishery. Ambio, 2020, 49, 144-155.	5.5	19
66	Estimating and Applying Fish and Invertebrate Density and Production Enhancement from Seagrass, Salt Marsh Edge, and Oyster Reef Nursery Habitats in the Gulf of Mexico. Estuaries and Coasts, 2021, 44, 1588.	2.2	19
67	Potential impacts of the 2010 Deepwater Horizon oil spill on subtidal oysters in the Gulf of Mexico. Marine Ecology - Progress Series, 2017, 576, 163-174.	1.9	19
68	Chronic social disruption following a systemic fishery failure. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22912-22914.	7.1	18
69	Predators, environment and host characteristics influence the probability of infection by an invasive castrating parasite. Oecologia, 2017, 183, 139-149.	2.0	17
70	Genetic diversity and phenotypic variation within hatchery-produced oyster cohorts predict size and success in the field. Ecological Applications, 2019, 29, e01940.	3.8	17
71	Geographic Variation in Life-History Traits of Black Sea Bass ( <i>Centropristis striata</i> ) During a Rapid Range Expansion. Frontiers in Marine Science, 2020, 7, .	2.5	16
72	Effects of Temperature and Ocean Acidification on the Extrapallial Fluid pH, Calcification Rate, and Condition Factor of the King Scallop <i>Pecten maximus</i> . Journal of Shellfish Research, 2019, 38, 763.	0.9	16

#	ARTICLE	IF	CITATIONS
73	A Waterfront View of Coastal Hazards: Contextualizing Relationships among Geographic Exposure, Shoreline Type, and Hazard Concerns among Coastal Residents. <i>Sustainability</i> , 2019, 11, 6687.	3.2	15
74	Designing effective incentives for living shorelines as a habitat conservation strategy along residential coasts. <i>Conservation Letters</i> , 2020, 13, e12744.	5.7	15
75	Intertidal benthic resources of the Copper River Delta, Alaska, USA. <i>Journal of Sea Research</i> , 2002, 47, 13-23.	1.6	14
76	A comparison of cod life-history parameters inside and outside of four year-round groundfish closed areas in New England, USA. <i>ICES Journal of Marine Science</i> , 2016, 73, 316-328.	2.5	14
77	Growth of juvenile American lobster <i>Homarus americanus</i> in a changing environment. <i>Marine Ecology - Progress Series</i> , 2016, 557, 177-187.	1.9	14
78	Host and parasite recruitment correlated at a regional scale. <i>Oecologia</i> , 2014, 174, 731-738.	2.0	13
79	Assessing Fishers' Support of Striped Bass Management Strategies. <i>PLoS ONE</i> , 2015, 10, e0136412.	2.5	13
80	Voluntary Restoration: Mitigation's Silent Partner in the Quest to Reverse Coastal Wetland Loss in the USA. <i>Frontiers in Marine Science</i> , 2019, 6, 511.	2.5	13
81	Harnessing the collective intelligence of stakeholders for conservation. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 465-472.	4.0	13
82	An assessment of marine, estuarine, and riverine habitat vulnerability to climate change in the Northeast U.S.. <i>PLoS ONE</i> , 2021, 16, e0260654.	2.5	13
83	Shifting perceptions of rapid temperature changesâ€™ effects on marine fisheries, 1945â€“2017. <i>Fish and Fisheries</i> , 2019, 20, 1111-1123.	5.3	12
84	Nonconsumptive effects of a range-expanding predator on juvenile lobster ( <i>Homarus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	2.2	12
85	Habitat Associations of Juvenile Cod in Nearshore Waters. <i>Reviews in Fisheries Science and Aquaculture</i> , 2018, 26, 1-14.	9.1	11
86	Ecosystem services are lost when facilitation between two ecosystem engineers is compromised by oil. <i>Marine Ecology - Progress Series</i> , 2017, 576, 189-202.	1.9	11
87	Consumption rates vary based on the presence and type of oyster structure: A seasonal and latitudinal comparison. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 536, 151501.	1.5	9
88	Fish and invertebrate use of restored vs. natural oyster reefs in a shallow temperate latitude estuary. <i>Ecosphere</i> , 2022, 13, .	2.2	9
89	THE BIOECONOMIC FEASIBILITY OF CULTURING TRIPLOID <i>CRASSOSTREA ARIAKENSIS</i> IN NORTH CAROLINA. <i>Journal of Shellfish Research</i> , 2007, 26, 529-542.	0.9	8
90	Influence of predator identity on the strength of predator avoidance responses in lobsters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 465, 107-112.	1.5	8

#	ARTICLE	IF	CITATIONS
91	The relative importance of sub-populations to the Gulf of Maine stock of Atlantic cod. <i>ICES Journal of Marine Science</i> , 2019, 76, 1626-1640.	2.5	8
92	Invasion dynamics: interactions between the European Green Crab <i>Carcinus maenas</i> and the Asian Shore Crab <i>Hemigrapsus sanguineus</i> . <i>Biological Invasions</i> , 2019, 21, 787-802.	2.4	8
93	Evaluation of coded microwire tag retention in juvenile American Lobster, <i>Homarus americanus</i> . <i>Journal of Crustacean Biology</i> , 2012, 32, 497-502.	0.8	7
94	Threat of Predation Does Not Affect <i>Crassostrea virginica</i> Filtration. <i>Estuaries and Coasts</i> , 2018, 41, 293-298.	2.2	7
95	Environmental gradients influence biogeographic patterns of nonconsumptive predator effects on oysters. <i>Ecosphere</i> , 2020, 11, e03260.	2.2	7
96	Case studies demonstrate capacity for a structured planning process for ecosystem-based fisheries management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1256-1274.	1.4	7
97	Reversing a tyranny of cascading shoreline protection decisions driving coastal habitat loss. <i>Conservation Science and Practice</i> , 2021, 3, e490.	2.0	7
98	The role of closed areas in rebuilding monkfish populations in the Gulf of Maine. <i>ICES Journal of Marine Science</i> , 2008, 65, 1326-1333.	2.5	6
99	Movement ecology of a mobile predatory fish reveals limited habitat linkages within a temperate estuarine seascape. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1990-1998.	1.4	6
100	Boston Harbor, Boston, Massachusetts, USA: Transformation from "the harbor of shame" to a vibrant coastal resource. <i>Regional Studies in Marine Science</i> , 2019, 25, 100482.	0.7	6
101	Recruitment enhancement varies by taxonomic group and oyster reef habitat characteristics. <i>Ecological Applications</i> , 2021, 31, e02340.	3.8	6
102	Urbanized knowledge syndrome" erosion of diversity and systems thinking in urbanites" mental models. <i>Npj Urban Sustainability</i> , 2022, 2, .	8.0	6
103	Deconstructing size selectivity to evaluate the influence of fishery management. <i>Fisheries Research</i> , 2021, 234, 105782.	1.7	5
104	Effects of elevated $pCO_2$ and temperature on the calcification rate, survival, extrapallial fluid chemistry, and respiration of the Atlantic Sea scallop <i>Placopecten magellanicus</i> . <i>Limnology and Oceanography</i> , 2022, 67, 1670-1686.	3.1	5
105	Patterns of larval-stage connectivity of Atlantic cod ( <i>Gadus morhua</i> ) within the Gulf of Maine in relation to current structure and a proposed fisheries closure. <i>ICES Journal of Marine Science</i> , 2017, 74, 20-30.	2.5	4
106	Competitive and agonistic interactions between the invasive Asian shore crab and juvenile American lobster. <i>Ecology</i> , 2018, 99, 2067-2079.	3.2	4
107	Distinct responses of sympatric migrant and resident Atlantic cod phenotypes to substrate and temperature at a remote Gulf of Maine seamount. <i>ICES Journal of Marine Science</i> , 2018, 75, 122-134.	2.5	3
108	Perceptions outweigh knowledge in predicting support for management strategies in the recreational Striped Bass ( <i>Morone saxatilis</i> ) fishery. <i>Marine Policy</i> , 2018, 97, 44-50.	3.2	3

#	ARTICLE	IF	CITATIONS
109	The influence of trawl efficiency assumptions on survey-based population metrics. ICES Journal of Marine Science, 2021, 78, 2858-2874.	2.5	3
110	The American Lobster in a Changing Ecosystem: A US-Canada Science Symposium, 27-30 November 2012, Portland, Maine. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1571-1575.	1.4	2
111	Differential incorporation of scientific advances affects coastal habitat restoration practice. Conservation Science and Practice, 2020, 2, e305.	2.0	2
112	Evaluating benthic impact of the Gulf of Maine lobster fishery using the Swept Area Seabed Impact (SASI) model. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 693-703.	1.4	1
113	Effects of a non-native cyanobacterium on bay scallops ( <i>Argopecten irradians</i> ) in a New England seagrass ecosystem. Marine Environmental Research, 2021, 170, 105427.	2.5	1
114	Diversity In Motivations and Behavioral Response to Regulations in the Striped Bass Commercial Fishery. Fisheries, 0, , .	0.8	1
115	Edge effects influence the composition and density of reef residents on subtidal restored oyster reefs. Restoration Ecology, 2023, 31, .	2.9	1