

Jonathan H Grabowski

List of Publications by Year in descending order

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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	Edge effects influence the composition and density of reef residents on subtidal restored oyster reefs. <i>Restoration Ecology</i> , 2023, 31, .	2.9	1
2	Fish and invertebrate use of restored vs. natural oyster reefs in a shallow temperate latitude estuary. <i>Ecosphere</i> , 2022, 13, .	2.2	9
3	Urbanized knowledge syndrome—erosion of diversity and systems thinking in urbanites—mental models. <i>Npj Urban Sustainability</i> , 2022, 2, .	8.0	6
4	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
5	Deconstructing size selectivity to evaluate the influence of fishery management. <i>Fisheries Research</i> , 2021, 234, 105782.	1.7	5
6	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
7	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. <i>Estuaries and Coasts</i> , 2021, 44, 1588.	2.2	19
8	Recruitment enhancement varies by taxonomic group and oyster reef habitat characteristics. <i>Ecological Applications</i> , 2021, 31, e02340.	3.8	6
9	Evaluating benthic impact of the Gulf of Maine lobster fishery using the Swept Area Seabed Impact (SASI) model. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 693-703.	1.4	1
10	Reversing a tyranny of cascading shoreline—protection decisions driving coastal habitat loss. <i>Conservation Science and Practice</i> , 2021, 3, e490.	2.0	7
11	Effects of a non-native cyanobacterium on bay scallops (<i>Argopecten irradians</i>) in a New England seagrass ecosystem. <i>Marine Environmental Research</i> , 2021, 170, 105427.	2.5	1
12	The influence of trawl efficiency assumptions on survey-based population metrics. <i>ICES Journal of Marine Science</i> , 2021, 78, 2858-2874.	2.5	3
13	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
14	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
15	Views from the dock: Warming waters, adaptation, and the future of Maine's lobster fishery. <i>Ambio</i> , 2020, 49, 144-155.	5.5	19
16	Regional environmental variation and local species interactions influence biogeographic structure on oyster reefs. <i>Ecology</i> , 2020, 101, e02921.	3.2	22
17	Designing effective incentives for living shorelines as a habitat conservation strategy along residential coasts. <i>Conservation Letters</i> , 2020, 13, e12744.	5.7	15
18	Differential incorporation of scientific advances affects coastal habitat restoration practice. <i>Conservation Science and Practice</i> , 2020, 2, e305.	2.0	2

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19	Geographic Variation in Life-History Traits of Black Sea Bass (<i>Centropristis striata</i>) During a Rapid Range Expansion. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	16
20	Environmental gradients influence biogeographic patterns of nonconsumptive predator effects on oysters. <i>Ecosphere</i> , 2020, 11, e03260.	2.2	7
21	Harnessing the collective intelligence of stakeholders for conservation. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 465-472.	4.0	13
22	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
23	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
24	Angler Attitudes Explain Disparate Behavioral Reactions to Fishery Regulations. <i>Fisheries</i> , 2019, 44, 475-487.	0.8	19
25	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
26	Shifting perceptions of rapid temperature changesâ€™ effects on marine fisheries, 1945â€“2017. <i>Fish and Fisheries</i> , 2019, 20, 1111-1123.	5.3	12
27	Genetic diversity and phenotypic variation within hatcheryâ€“produced oyster cohorts predict size and success in the field. <i>Ecological Applications</i> , 2019, 29, e01940.	3.8	17
28	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
29	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
30	Chronic social disruption following a systemic fishery failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22912-22914.	7.1	18
31	Nonconsumptive effects of a rangeâ€“expanding predator on juvenile lobster (<i>Homarus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	12
32	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
33	Boston Harbor, Boston, Massachusetts, USA: Transformation from â€˜the harbor of shameâ€™ to a vibrant coastal resource. <i>Regional Studies in Marine Science</i> , 2019, 25, 100482.	0.7	6
34	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
35	Effects of Temperature and Ocean Acidification on the Extrapallial Fluid pH, Calcification Rate, and Condition Factor of the King Scallop <i>Pecten maximus</i> . <i>Journal of Shellfish Research</i> , 2019, 38, 763.	0.9	16
36	Factors affecting recruitment, growth and survival of the eastern oyster <i>Crassostrea virginica</i> across an intertidal elevation gradient in southern New England. <i>Marine Ecology - Progress Series</i> , 2019, 609, 119-132.	1.9	21

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37	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
38	Effects of landscape setting on oyster reef structure and function largely persist more than a decade post-restoration. <i>Restoration Ecology</i> , 2018, 26, 933-942.	2.9	23
39	Building effective fishery ecosystem plans. <i>Marine Policy</i> , 2018, 92, 48-57.	3.2	51
40	Ecosystem-Based Fisheries Management for Social-Ecological Systems: Renewing the Focus in the United States with <i>Next Generation</i> Fishery Ecosystem Plans. <i>Conservation Letters</i> , 2018, 11, e12367.	5.7	68
41	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
42	Habitat Associations of Juvenile Cod in Nearshore Waters. <i>Reviews in Fisheries Science and Aquaculture</i> , 2018, 26, 1-14.	9.1	11
43	Inclusion of Biodiversity in Habitat Restoration Policy to Facilitate Ecosystem Recovery. <i>Conservation Letters</i> , 2018, 11, e12419.	5.7	24
44	Threat of Predation Does Not Affect <i>Crassostrea virginica</i> Filtration. <i>Estuaries and Coasts</i> , 2018, 41, 293-298.	2.2	7
45	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
46	Maximizing the benefits of oyster reef restoration for finfish and their fisheries. <i>Fish and Fisheries</i> , 2018, 19, 931-947.	5.3	61
47	Competitive and agonistic interactions between the invasive Asian shore crab and juvenile American lobster. <i>Ecology</i> , 2018, 99, 2067-2079.	3.2	4
48	Investing in Natural and Nature-Based Infrastructure: Building Better Along Our Coasts. <i>Sustainability</i> , 2018, 10, 523.	3.2	92
49	Genetic by environmental variation but no local adaptation in oysters (<i>Crassostrea virginica</i>). <i>Ecology and Evolution</i> , 2017, 7, 697-709.	1.9	21
50	Hurricane damage along natural and hardened estuarine shorelines: Using homeowner experiences to promote nature-based coastal protection. <i>Marine Policy</i> , 2017, 81, 350-358.	3.2	60
51	Nonconsumptive effects of a predator weaken then rebound over time. <i>Ecology</i> , 2017, 98, 656-667.	3.2	28
52	Refuge quality impacts the strength of nonconsumptive effects on prey. <i>Ecology</i> , 2017, 98, 403-411.	3.2	29
53	Predators, environment and host characteristics influence the probability of infection by an invasive castrating parasite. <i>Oecologia</i> , 2017, 183, 139-149.	2.0	17
54	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

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55	Effects of habitat fragmentation on <i>Zostera marina</i> seed distribution. <i>Aquatic Botany</i> , 2017, 142, 1-9.	1.6	22
56	Oyster reefs as carbon sources and sinks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170891.	2.6	70
57	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
58	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
59	Potential impacts of the 2010 Deepwater Horizon oil spill on subtidal oysters in the Gulf of Mexico. <i>Marine Ecology - Progress Series</i> , 2017, 576, 163-174.	1.9	19
60	Ecological Consequences of Shoreline Hardening: A Meta-Analysis. <i>BioScience</i> , 2016, 66, 763-773.	4.9	160
61	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
62	Quantifying fish and mobile invertebrate production from a threatened nursery habitat. <i>Journal of Applied Ecology</i> , 2016, 53, 596-606.	4.0	90
63	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
64	Maximizing oyster-reef growth supports green infrastructure with accelerating sea-level rise. <i>Scientific Reports</i> , 2015, 5, 14785.	3.3	58
65	Guidelines for evaluating performance of oyster habitat restoration. <i>Restoration Ecology</i> , 2015, 23, 737-745.	2.9	125
66	Assessing Fishers' Support of Striped Bass Management Strategies. <i>PLoS ONE</i> , 2015, 10, e0136412.	2.5	13
67	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
68	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
69	Ocean acidification impairs crab foraging behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150333.	2.6	73
70	Geographic variation in intertidal oyster reef properties and the influence of tidal prism. <i>Limnology and Oceanography</i> , 2015, 60, 1051-1063.	3.1	59
71	Habitat context influences nitrogen removal by restored oyster reefs. <i>Journal of Applied Ecology</i> , 2015, 52, 716-725.	4.0	52
72	Natural Shorelines Promote the Stability of Fish Communities in an Urbanized Coastal System. <i>PLoS ONE</i> , 2015, 10, e0118580.	2.5	24

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73	Oyster reefs can outpace sea-level rise. <i>Nature Climate Change</i> , 2014, 4, 493-497.	18.8	147
74	Host and parasite recruitment correlated at a regional scale. <i>Oecologia</i> , 2014, 174, 731-738.	2.0	13
75	The biogeography of trophic cascades on US oyster reefs. <i>Ecology Letters</i> , 2014, 17, 845-854.	6.4	50
76	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
77	Omnivory dampens trophic cascades in estuarine communities. <i>Marine Ecology - Progress Series</i> , 2014, 507, 197-206.	1.9	26
78	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
79	The American Lobster in a Changing Ecosystem: A US-Canada Science Symposium, 27-30 November 2012, Portland, Maine. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1571-1575.	1.4	2
80	The cost of safety: Refuges increase the impact of predation risk in aquatic systems. <i>Ecology</i> , 2013, 94, 573-579.	3.2	102
81	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
82	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
83	Economic Valuation of Ecosystem Services Provided by Oyster Reefs. <i>BioScience</i> , 2012, 62, 900-909.	4.9	443
84	Examining how landscapes influence benthic community assemblages in seagrass and mudflat habitats in southern Maine. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 411, 1-6.	1.5	19
85	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
86	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
87	Exploring the life-history implications of colour variation in offshore Gulf of Maine cod (<i>Gadus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.5	32
88	Use of Herring Bait to Farm Lobsters in the Gulf of Maine. <i>PLoS ONE</i> , 2010, 5, e10188.	2.5	53
89	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
90	Estimating spatial distribution of American lobster <i>Homarus americanus</i> using habitat variables. <i>Marine Ecology - Progress Series</i> , 2010, 420, 145-156.	1.9	52

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91	Evaluation of image-based multibeam sonar backscatter classification for benthic habitat discrimination and mapping at Stanton Banks, UK. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 81, 423-437.	2.1	70
92	Resource dynamics influence the strength of non-consumptive predator effects on prey. <i>Ecology Letters</i> , 2009, 12, 315-323.	6.4	69
93	The role of food limitation in lobster population dynamics in coastal Maine, United States, and New Brunswick, Canada. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 185-193.	2.0	23
94	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
95	REVISITING THE CLASSICS: CONSIDERING NONCONSUMPTIVE EFFECTS IN TEXTBOOK EXAMPLES OF PREDATOR-PREY INTERACTIONS. <i>Ecology</i> , 2008, 89, 2416-2425.	3.2	401
96	CONSUMPTIVE AND NONCONSUMPTIVE EFFECTS OF PREDATORS ON METACOMMUNITIES OF COMPETING PREY. <i>Ecology</i> , 2008, 89, 2426-2435.	3.2	83
97	FROM INDIVIDUALS TO ECOSYSTEM FUNCTION: TOWARD AN INTEGRATION OF EVOLUTIONARY AND ECOSYSTEM ECOLOGY. <i>Ecology</i> , 2008, 89, 2436-2445.	3.2	158
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	HABITAT COMPLEXITY INFLUENCES CASCADING EFFECTS OF MULTIPLE PREDATORS. <i>Ecology</i> , 2008, 89, 3413-3422.	3.2	145
100	SIMULATED PREDATOR EXTINCTIONS: PREDATOR IDENTITY AFFECTS SURVIVAL AND RECRUITMENT OF OYSTERS. <i>Ecology</i> , 2008, 89, 428-438.	3.2	73
101	Restoring oyster reefs to recover ecosystem services. <i>Theoretical Ecology Series</i> , 2007, 4, 281-298.	0.2	225
102	THE BIOECONOMIC FEASIBILITY OF CULTURING TRIPLOID CRASSOSTREA ARIAKENSIS IN NORTH CAROLINA. <i>Journal of Shellfish Research</i> , 2007, 26, 529-542.	0.9	8
103	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
104	Distribution of the invasive bivalve <i>Mya arenaria</i> L. on intertidal flats of southcentral Alaska. <i>Journal of Sea Research</i> , 2006, 55, 207-216.	1.6	20
105	Habitat context influences predator interference interactions and the strength of resource partitioning. <i>Oecologia</i> , 2006, 149, 256-264.	2.0	68
106	HOW HABITAT SETTING INFLUENCES RESTORED OYSTER REEF COMMUNITIES. <i>Ecology</i> , 2005, 86, 1926-1935.	3.2	216
107	PREDATOR-AVOIDANCE BEHAVIOR EXTENDS TROPHIC CASCADES TO REFUGE HABITATS. <i>Ecology</i> , 2005, 86, 1312-1319.	3.2	97
108	HABITAT COMPLEXITY DISRUPTS PREDATOR-PREY INTERACTIONS BUT NOT THE TROPHIC CASCADE ON OYSTER REEFS. <i>Ecology</i> , 2004, 85, 995-1004.	3.2	312

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109	Habitat complexity mitigates trophic transfer on oyster reefs. <i>Marine Ecology - Progress Series</i> , 2004, 277, 291-295.	1.9	124
110	Variation in marine benthic community composition allows discrimination of multiple stressors. <i>Marine Ecology - Progress Series</i> , 2003, 261, 63-73.	1.9	69
111	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
112	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
113	Intertidal benthic resources of the Copper River Delta, Alaska, USA. <i>Journal of Sea Research</i> , 2002, 47, 13-23.	1.6	14
114	CASCADING OF HABITAT DEGRADATION: OYSTER REEFS INVADED BY REFUGEE FISHES ESCAPING STRESS. , 2001, 11, 764-782.		199
115	Diversity In Motivations and Behavioral Response to Regulations in the Striped Bass Commercial Fishery. <i>Fisheries</i> , 0, , .	0.8	1