

A Randall Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

12,445
citations

159585

30
h-index

66911

78
g-index

79
all docs

79
docs citations

79
times ranked

11550
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	The Distribution and Structure of Mangroves (<i>Avicennia germinans</i> and <i>Rhizophora mangle</i>) Near a Rapidly Changing Range Limit in the Northeastern Gulf of Mexico. <i>Estuaries and Coasts</i> , 2022, 45, 181-195.	2.2	13
3	Meta-analysis of salt marsh vegetation impacts and recovery: a synthesis following the Deepwater Horizon oil spill. <i>Ecological Applications</i> , 2022, 32, e02489.	3.8	18
4	The impacts of mangrove range expansion on wetland ecosystem services in the southeastern United States: Current understanding, knowledge gaps, and emerging research needs. <i>Global Change Biology</i> , 2022, 28, 3163-3187.	9.5	25
5	The biogeography of community assembly: latitude and predation drive variation in community trait distribution in a guild of epifaunal crustaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211762.	2.6	9
6	Fish and invertebrate use of restored vs. natural oyster reefs in a shallow temperate latitude estuary. <i>Ecosphere</i> , 2022, 13, .	2.2	9
7	Genetic and Epigenetic Differentiation Across Intertidal Gradients in the Foundation Plant <i>Spartina alterniflora</i> . <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	2
8	Intra-Meadow Variation in Seagrass Flowering Phenology Across Depths. <i>Estuaries and Coasts</i> , 2021, 44, 325-338.	2.2	14
9	Incorporating marine macrophytes in plant-soil feedbacks: Emerging evidence and opportunities to advance the field. <i>Journal of Ecology</i> , 2021, 109, 614-625.	4.0	2
10	Linking Spatial Patterns of Adult and Seed Diversity Across the Depth Gradient in the Seagrass <i>Zostera marina</i> L.. <i>Estuaries and Coasts</i> , 2021, 44, 383-395.	2.2	7
11	Susan Lynn Williams: the Life of an Exceptional Scholar, Leader, and Friend (1951-2018). <i>Estuaries and Coasts</i> , 2021, 44, 304-311.	2.2	1
12	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
13	Recruitment enhancement varies by taxonomic group and oyster reef habitat characteristics. <i>Ecological Applications</i> , 2021, 31, e02340.	3.8	6
14	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
15	Local Adaptation in Marine Foundation Species at Microgeographic Scales. <i>Biological Bulletin</i> , 2021, 241, 16-29.	1.8	14
16	Short- and long-term effects of nutrient enrichment on salt marsh plant production and microbial community structure. <i>Journal of Ecology</i> , 2021, 109, 3779-3793.	4.0	12
17	Repeated Genetic and Adaptive Phenotypic Divergence across Tidal Elevation in a Foundation Plant Species. <i>American Naturalist</i> , 2021, 198, E152-E169.	2.1	13
18	Temperature thresholds for black mangrove (<i>Avicennia germinans</i>) freeze damage, mortality and recovery in North America: Refining tipping points for range expansion in a warming climate. <i>Journal of Ecology</i> , 2020, 108, 654-665.	4.0	43

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19	Regional environmental variation and local species interactions influence biogeographic structure on oyster reefs. <i>Ecology</i> , 2020, 101, e02921.	3.2	22
20	Plant response to fungal root endophytes varies by host genotype in the foundation species <i>Spartina alterniflora</i> . <i>American Journal of Botany</i> , 2020, 107, 1645-1653.	1.7	13
21	Differential incorporation of scientific advances affects coastal habitat restoration practice. <i>Conservation Science and Practice</i> , 2020, 2, e305.	2.0	2
22	Environmental gradients influence biogeographic patterns of nonconsumptive predator effects on oysters. <i>Ecosphere</i> , 2020, 11, e03260.	2.2	7
23	Intraspecific diversity in prey body size influences survivorship by conferring resistance to predation. <i>Ecosphere</i> , 2020, 11, e03106.	2.2	8
24	Intraspecific diversity at two trophic levels influences plant-herbivore interactions. <i>Ecosphere</i> , 2020, 11, e03121.	2.2	2
25	Genotypic diversity weakens competition within, but not between, plant species. <i>Journal of Ecology</i> , 2020, 108, 2212-2220.	4.0	6
26	Predicting the stability of multitrophic communities in a variable world. <i>Ecology</i> , 2020, 101, e02992.	3.2	8
27	Climate drives the geography of marine consumption by changing predator communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28160-28166.	7.1	29
28	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
29	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
30	Genetic Diversity and Phenotypic Variation Within Hatchery-Produced Oyster Cohorts Predict Size and Success in the Field. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01586.	0.2	0
31	Genetic diversity and phenotypic variation within hatchery-produced oyster cohorts predict size and success in the field. <i>Ecological Applications</i> , 2019, 29, e01940.	3.8	17
32	Predicting the sensitivity of marine populations to rising temperatures. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 17-24.	4.0	13
33	Effects of oil exposure, plant species composition, and plant genotypic diversity on salt marsh and mangrove assemblages. <i>Ecosphere</i> , 2018, 9, e02207.	2.2	13
34	Phenotypic Variation Among Invasive <i>Phragmites australis</i> Populations Does Not Influence Salinity Tolerance. <i>Estuaries and Coasts</i> , 2018, 41, 896-907.	2.2	4
35	Inclusion of Biodiversity in Habitat Restoration Policy to Facilitate Ecosystem Recovery. <i>Conservation Letters</i> , 2018, 11, e12419.	5.7	24
36	Blue Carbon Storage Capacity of Temperate Eelgrass (<i>Zostera marina</i>) Meadows. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1457-1475.	4.9	130

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37	Investing in Natural and Nature-Based Infrastructure: Building Better Along Our Coasts. Sustainability, 2018, 10, 523.	3.2	92
38	Genetic by environmental variation but no local adaptation in oysters (<i>Crassostrea virginica</i>). Ecology and Evolution, 2017, 7, 697-709.	1.9	21
39	<i>Spartina alterniflora</i> genotypic identity affects plant and consumer responses in an experimental marsh community. Journal of Ecology, 2017, 105, 661-673.	4.0	29
40	Temporal stability in patterns of genetic diversity and structure of a marine foundation species (<i>Zostera marina</i>). Heredity, 2017, 118, 404-412.	2.6	35
41	Nonconsumptive effects of a predator weaken then rebound over time. Ecology, 2017, 98, 656-667.	3.2	28
42	Predators, environment and host characteristics influence the probability of infection by an invasive castrating parasite. Oecologia, 2017, 183, 139-149.	2.0	17
43	Effects of habitat fragmentation on <i>Zostera marina</i> seed distribution. Aquatic Botany, 2017, 142, 1-9.	1.6	22
44	Genetic diversity of seagrass seeds influences seedling morphology and biomass. Ecology, 2016, 97, 3538-3546.	3.2	7
45	Effects of intraspecific diversity on survivorship, growth, and recruitment of the eastern oyster across sites. Ecology, 2016, 97, 1518-1529.	3.2	22
46	Biogeographic gradients in ecosystem processes of the invasive ecosystem engineer <i>Phragmites australis</i> . Biological Invasions, 2016, 18, 2577-2595.	2.4	13
47	Consumer trait variation influences tritrophic interactions in salt marsh communities. Ecology and Evolution, 2015, 5, 2659-2672.	1.9	12
48	Geographic variation in intertidal oyster reef properties and the influence of tidal prism. Limnology and Oceanography, 2015, 60, 1051-1063.	3.1	59
49	Effects of <i>Pinna</i> clams on benthic macrofauna and the possible implications of their removal from seagrass ecosystems. Journal of Molluscan Studies, 2014, 80, 102-106.	1.2	6
50	Independent and interactive effects of two facilitators on their habitat-providing host plant, <i>Spartina alterniflora</i> . Oikos, 2014, 123, 488-499.	2.7	19
51	Host and parasite recruitment correlated at a regional scale. Oecologia, 2014, 174, 731-738.	2.0	13
52	The biogeography of trophic cascades on US oyster reefs. Ecology Letters, 2014, 17, 845-854.	6.4	50
53	Predatory fish sounds can alter crab foraging behaviour and influence bivalve abundance. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140715.	2.6	54
54	Genotypic diversity and trait variance interact to affect marsh plant performance. Journal of Ecology, 2014, 102, 651-658.	4.0	39

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55	Genotypic diversity at multiple spatial scales in the foundation marsh species, <i>Spartina alterniflora</i> . <i>Marine Ecology - Progress Series</i> , 2014, 497, 105-117.	1.9	28
56	Additive and site-specific effects of two foundation species on invertebrate community structure. <i>Marine Ecology - Progress Series</i> , 2014, 508, 129-138.	1.9	30
57	Genetic Relatedness Influences Plant Biomass Accumulation in Eelgrass (<i>Zostera marina</i>). <i>American Naturalist</i> , 2013, 181, 715-724.	2.1	38
58	Loss of "Blue Carbon" from Coastal Salt Marshes Following Habitat Disturbance. <i>PLoS ONE</i> , 2013, 8, e69244.	2.5	115
59	A neighboring plant species creates associational refuge for consumer and host. <i>Ecology</i> , 2012, 93, 1411-1420.	3.2	34
60	Predator Cue and Prey Density Interactively Influence Indirect Effects on Basal Resources in Intertidal Oyster Reefs. <i>PLoS ONE</i> , 2012, 7, e44839.	2.5	16
61	Fine-scale genetic structure and relatedness in the eelgrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 2012, 447, 127-137.	1.9	45
62	Seagrass genotypic diversity increases disturbance response via complementarity and dominance. <i>Journal of Ecology</i> , 2011, 99, 445-453.	4.0	40
63	Genotypic diversity and grazer identity interactively influence seagrass and grazer biomass. <i>Marine Ecology - Progress Series</i> , 2010, 403, 43-51.	1.9	47
64	Ecological impacts of genotypic diversity in the clonal seagrass <i>Zostera marina</i> . <i>Ecology</i> , 2009, 90, 1412-1419.	3.2	127
65	Morphological and physiological variation among seagrass (<i>Zostera marina</i>) genotypes. <i>Oecologia</i> , 2009, 159, 725-733.	2.0	79
66	Ecological Factors Affecting Community Invasibility. <i>Ecological Studies</i> , 2009, , 215-238.	1.2	41
67	Associations of concern: declining seagrasses and threatened dependent species. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 242-246.	4.0	254
68	Accelerating loss of seagrasses across the globe threatens coastal ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12377-12381.	7.1	2,971
69	Trophic Transfers from Seagrass Meadows Subsidize Diverse Marine and Terrestrial Consumers. <i>Ecosystems</i> , 2008, 11, 1198-1210.	3.4	304
70	Ecological consequences of genetic diversity. <i>Ecology Letters</i> , 2008, 11, 609-623.	6.4	1,342
71	HABITAT COMPLEXITY INFLUENCES CASCADING EFFECTS OF MULTIPLE PREDATORS. <i>Ecology</i> , 2008, 89, 3413-3422.	3.2	145
72	Reciprocal relationships and potential feedbacks between biodiversity and disturbance. <i>Ecology Letters</i> , 2007, 10, 849-864.	6.4	183

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73	A Global Crisis for Seagrass Ecosystems. <i>BioScience</i> , 2006, 56, 987.	4.9	2,318
74	The impacts of climate change in coastal marine systems. <i>Ecology Letters</i> , 2006, 9, 228-241.	6.4	1,997
75	Habitat context influences predator interference interactions and the strength of resource partitioning. <i>Oecologia</i> , 2006, 149, 256-264.	2.0	68
76	The emerging role of genetic diversity for ecosystem functioning: Estuarine macrophytes as models. <i>Estuaries and Coasts</i> , 2006, 29, 159-164.	2.2	83
77	Predator diversity strengthens trophic cascades in kelp forests by modifying herbivore behaviour. <i>Ecology Letters</i> , 2005, 9, 051109031307002.	6.4	167
78	HOW HABITAT SETTING INFLUENCES RESTORED OYSTER REEF COMMUNITIES. <i>Ecology</i> , 2005, 86, 1926-1935.	3.2	216
79	Genetic diversity enhances the resistance of a seagrass ecosystem to disturbance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8998-9002.	7.1	675