Rachel K Gittman

List of Publications by Year
in descending order

33	1,448	567144 15	414303 32
papers	citations	h-index	g-index

33	33	33	1306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering away our natural defenses: an analysis of shoreline hardening in the US. Frontiers in Ecology and the Environment, 2015, 13, 301-307.	1.9	230
2	Ecological Consequences of Shoreline Hardening: A Meta-Analysis. BioScience, 2016, 66, 763-773.	2.2	160
3	Oyster reefs can outpace sea-level rise. Nature Climate Change, 2014, 4, 493-497.	8.1	147
4	Living shorelines can enhance the nursery role of threatened estuarine habitats. Ecological Applications, 2016, 26, 249-263.	1.8	137
5	Marshes with and without sills protect estuarine shorelines from erosion better than bulkheads during a Category 1 hurricane. Ocean and Coastal Management, 2014, 102, 94-102.	2.0	125
6	Investing in Natural and Nature-Based Infrastructure: Building Better Along Our Coasts. Sustainability, 2018, 10, 523.	1.6	92
7	Oyster reefs as carbon sources and sinks. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170891.	1.2	70
8	Classic paradigms in a novel environment: inserting food web and productivity lessons from rocky shores and saltmarshes into biogenic reef restoration. Journal of Applied Ecology, 2014, 51, 1314-1325.	1.9	61
9	Hurricane damage along natural and hardened estuarine shorelines: Using homeowner experiences to promote nature-based coastal protection. Marine Policy, 2017, 81, 350-358.	1.5	60
10	Living shorelines enhanced the resilience of saltmarshes to Hurricane Matthew (2016). Ecological Applications, 2018, 28, 871-877.	1.8	58
11	Coming to Terms With Living Shorelines: A Scoping Review of Novel Restoration Strategies for Shoreline Protection. Frontiers in Marine Science, 2020, 7, .	1.2	49
12	Fiddler crabs facilitate Spartina alterniflora growth, mitigating periwinkle overgrazing of marsh habitat. Ecology, 2013, 94, 2709-2718.	1.5	44
13	Social Factors Key to Landscape-Scale Coastal Restoration: Lessons Learned from Three U.S. Case Studies. Sustainability, 2020, 12, 869.	1.6	34
14	Temperature Influences Herbivory and Algal Biomass in the GalÃ¡pagos Islands. Frontiers in Marine Science, 2018, 5, .	1.2	28
15	Living on the Edge: Increasing Patch Size Enhances the Resilience and Community Development of a Restored Salt Marsh. Estuaries and Coasts, 2018, 41, 884-895.	1.0	17
16	Coastal resilience surges as living shorelines reduce lateral erosion of salt marshes. Integrated Environmental Assessment and Management, 2022, 18, 82-98.	1.6	16
17	Salt marsh shoreline geomorphology influences the success of restored oyster reefs and use by associated fauna. Restoration Ecology, 2019, 27, 1429-1441.	1.4	14
18	Voluntary Restoration: Mitigation's Silent Partner in the Quest to Reverse Coastal Wetland Loss in the USA. Frontiers in Marine Science, 2019, 6, 511.	1.2	13

#	Article	IF	Citations
19	Habitat Associations of Juvenile Cod in Nearshore Waters. Reviews in Fisheries Science and Aquaculture, 2018, 26, 1-14.	5.1	11
20	Inclusion of Intra- and Interspecific Facilitation Expands the Theoretical Framework for Seagrass Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	10
21	Bivalve facilitation mediates seagrass recovery from physical disturbance in a temperate estuary. Ecosphere, 2021, 12, e03804.	1.0	10
22	Challenges and opportunities for sustaining coastal wetlands and oyster reefs in the southeastern United States. Journal of Environmental Management, 2021, 296, 113178.	3.8	9
23	Fish and invertebrate use of restored vs. natural oyster reefs in a shallow temperate latitude estuary. Ecosphere, 2022, 13, .	1.0	9
24	Reversing a tyranny of cascading shorelineâ€protection decisions driving coastal habitat loss. Conservation Science and Practice, 2021, 3, e490.	0.9	7
25	Infrastructure investment must incorporate Natureâ€™s lessons in a rapidly changing world. One Earth, 2021, 4, 1361-1364.	3.6	7
26	Movement ecology of a mobile predatory fish reveals limited habitat linkages within a temperate estuarine seascape. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 1990-1998.	0.7	6
27	Reef design and site hydrodynamics mediate oyster restoration and marsh stabilization outcomes. Ecological Applications, 2022, 32, e2506.	1.8	6
28	Urbanized knowledge syndromeâ€”erosion of diversity and systems thinking in urbanitesâ€™ mental models. Npj Urban Sustainability, 2022, 2, .	3.7	6
29	Shifting Baselines May Undermine Shoreline Management Efforts in the United States. Frontiers in Climate, 2022, 4, .	1.3	5
30	Life stage and species identity affect whether habitat subsidies enhance or simply redistribute consumer biomass. Journal of Animal Ecology, 2017, 86, 1394-1403.	1.3	3
31	Interspecific and intraspecific interactions between fiddler crabs Minuca pugnax (mud fiddler) and Leptuca pugilator (sand fiddler) influence species' burrowing behavior. Journal of Experimental Marine Biology and Ecology, 2019, 517, 40-48.	0.7	2
32	Remarkable euryhalinity of a marine fish Lutjanus novemfasciatus in mangrove nurseries. Ecology, 2022, 103, e03582.	1.5	2
33	EVALUATING THE CAPACITY OF NATURAL AND NATURE-BASED FEATURES TO REDUCE COASTAL STORM HAZARDS. Coastal Engineering Proceedings, 2018, , 39.	0.1	0