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	Coastal resilience surges as living shorelines reduce lateral erosion of salt marshes. Integrated Environmental Assessment and Management, 2022, 18, 82-98.	1.6	16
2	Remarkable euryhalinity of a marine fish Lutjanus novemfasciatus in mangrove nurseries. Ecology, 2022, 103, e03582.	1.5	2
3	Shifting Baselines May Undermine Shoreline Management Efforts in the United States. Frontiers in Climate, 2022, 4, .	1.3	5
4	Reef design and site hydrodynamics mediate oyster restoration and marsh stabilization outcomes. Ecological Applications, 2022, 32, e2506.	1.8	6
5	Fish and invertebrate use of restored vs. natural oyster reefs in a shallow temperate latitude estuary. Ecosphere, 2022, 13, .	1.0	9
6	Urbanized knowledge syndromeâ€"erosion of diversity and systems thinking in urbanitesâ€™ mental models. Npj Urban Sustainability, 2022, 2, .	3.7	6
7	Inclusion of Intra- and Interspecific Facilitation Expands the Theoretical Framework for Seagrass Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	10
8	Reversing a tyranny of cascading shorelineâ€protection decisions driving coastal habitat loss. Conservation Science and Practice, 2021, 3, e490.	0.9	7
9	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
10	Infrastructure investment must incorporate Natureâ€™s lessons in a rapidly changing world. One Earth, 2021, 4, 1361-1364.	3.6	7
11	Bivalve facilitation mediates seagrass recovery from physical disturbance in a temperate estuary. Ecosphere, 2021, 12, e03804.	1.0	10
12	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
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	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
15	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
16	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
17	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
18	Living shorelines enhanced the resilience of saltmarshes to Hurricane Matthew (2016). Ecological Applications, 2018, 28, 871-877.	1.8	58

#	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	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
21	Temperature Influences Herbivory and Algal Biomass in the GalÃ¡pagos Islands. Frontiers in Marine Science, 2018, 5, .	1.2	28
22	Investing in Natural and Nature-Based Infrastructure: Building Better Along Our Coasts. Sustainability, 2018, 10, 523.	1.6	92
23	EVALUATING THE CAPACITY OF NATURAL AND NATURE-BASED FEATURES TO REDUCE COASTAL STORM HAZARDS. Coastal Engineering Proceedings, 2018, , 39.	0.1	0
24	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
25	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
26	Oyster reefs as carbon sources and sinks. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170891.	1.2	70
27	Ecological Consequences of Shoreline Hardening: A Meta-Analysis. BioScience, 2016, 66, 763-773.	2.2	160
28	Living shorelines can enhance the nursery role of threatened estuarine habitats. Ecological Applications, 2016, 26, 249-263.	1.8	137
29	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
30	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
31	Oyster reefs can outpace sea-level rise. Nature Climate Change, 2014, 4, 493-497.	8.1	147
32	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
33	Fiddler crabs facilitate Spartina alterniflora growth, mitigating periwinkle overgrazing of marsh habitat. Ecology, 2013, 94, 2709-2718.	1.5	44