## **Rod Connolly**

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/585364/publications.pdf

Version: 2024-02-01

270 papers

12,958 citations

25014 57 h-index 94 g-index

280 all docs 280 docs citations

280 times ranked

9618 citing authors

#	Article	IF	CITATIONS
1	Global patterns in mangrove soil carbon stocks and losses. Nature Climate Change, 2017, 7, 523-528.	8.1	412
2	The future of Blue Carbon science. Nature Communications, 2019, 10, 3998.	5.8	406
3	The seascape nursery: a novel spatial approach to identify and manage nurseries for coastal marine fauna. Fish and Fisheries, 2015, 16, 362-371.	2.7	367
4	Organic matter exchange and cycling in mangrove ecosystems: Recent insights from stable isotope studies. Journal of Sea Research, 2008, 59, 44-58.	0.6	343
5	True Value of Estuarine and Coastal Nurseries for Fish: Incorporating Complexity and Dynamics. Estuaries and Coasts, 2015, 38, 401-414.	1.0	312
6	Impact of urbanization on coastal wetland structure and function. Austral Ecology, 2006, 31, 149-163.	0.7	298
7	Can we manage coastal ecosystems to sequester more blue carbon?. Frontiers in Ecology and the Environment, 2017, 15, 206-213.	1.9	195
8	Predators help protect carbon stocks in blue carbon ecosystems. Nature Climate Change, 2015, 5, 1038-1045.	8.1	181
9	UN Decade on Ecosystem Restoration 2021–2030—What Chance for Success in Restoring Coastal Ecosystems?. Frontiers in Marine Science, 2020, 7, .	1.2	181
10	Sulfur stable isotopes separate producers in marine food-web analysis. Oecologia, 2004, 138, 161-167.	0.9	179
11	Seagrass and epiphytic algae support nutrition of a fisheries species, Sillago schomburgkii, in adjacent intertidal habitats. Marine Ecology - Progress Series, 2005, 286, 69-79.	0.9	178
12	Mechanisms and ecological role of carbon transfer within coastal seascapes. Biological Reviews, 2014, 89, 232-254.	4.7	166
13	Longâ€ŧerm declines and recovery of meadow area across the world's seagrass bioregions. Global Change Biology, 2021, 27, 4096-4109.	4.2	165
14	Spatial analysis of stable isotope data to determine primary sources of nutrition for fish. Oecologia, 2003, 136, 499-507.	0.9	162
15	Global trends in mangrove forest fragmentation. Scientific Reports, 2020, 10, 7117.	1.6	154
16	A comparison of fish assemblages from seagrass and unvegetated areas of a southern Australian estuary. Marine and Freshwater Research, 1994, 45, 1033.	0.7	152
17	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. Nature Communications, 2019, 10, 4313.	5.8	150
18	Habitat connectivity improves reserve performance. Conservation Letters, 2012, 5, 56-63.	2.8	128

#	Article	IF	CITATIONS
19	Mangroves give cause for conservation optimism, for now. Current Biology, 2020, 30, R153-R154.	1.8	127
20	Effects of acid treatment on carbon and nitrogen stable isotope ratios in ecological samples: a review and synthesis. Methods in Ecology and Evolution, 2014, 5, 541-550.	2.2	123
21	Quantifying the conservation value of seascape connectivity: a global synthesis. Global Ecology and Biogeography, 2016, 25, 3-15.	2.7	123
22	Fishes associated with artificial reefs: attributing changes to attraction or production using novel approaches. Journal of Fish Biology, 2005, 67, 53-71.	0.7	120
23	The Role of Vegetated Coastal Wetlands for Marine Megafauna Conservation. Trends in Ecology and Evolution, 2019, 34, 807-817.	4.2	118
24	Testing the utility of abiotic surrogates for marine habitat mapping at scales relevant to management. Biological Conservation, 2004, 119, 351-362.	1.9	114
25	Carbon sequestration by Australian tidal marshes. Scientific Reports, 2017, 7, 44071.	1.6	112
26	Synergistic effects of reserves and connectivity on ecological resilience. Journal of Applied Ecology, 2012, 49, 1195-1203.	1.9	109
27	Human threats to sandy beaches: A meta-analysis of ghost crabs illustrates global anthropogenic impacts Estuarine, Coastal and Shelf Science, 2016, 169, 56-73.	0.9	108
28	Large-scale seagrass dieback in northern Spencer Gulf, South Australia. Aquatic Botany, 2000, 66, 297-310.	0.8	106
29	The role of root decomposition in global mangrove and saltmarsh carbon budgets. Earth-Science Reviews, 2017, 166, 53-63.	4.0	103
30	Primacy of seascape connectivity effects in structuring coral reef fish assemblages. Marine Ecology - Progress Series, 2012, 462, 191-203.	0.9	100
31	Removal of seagrass canopy: effects on small fish and their prey. Journal of Experimental Marine Biology and Ecology, 1994, 184, 99-110.	0.7	95
32	Future carbon emissions from global mangrove forest loss. Global Change Biology, 2021, 27, 2856-2866.	4.2	93
33	Movement of carbon among estuarine habitats and its assimilation by invertebrates. Oecologia, 2005, 144, 684-691.	0.9	91
34	Automating the Analysis of Fish Abundance Using Object Detection: Optimizing Animal Ecology With Deep Learning. Frontiers in Marine Science, 2020, 7, .	1.2	91
35	Review of nekton patterns and ecological processes in seagrass landscapes. Estuarine, Coastal and Shelf Science, 2006, 68, 433-444.	0.9	89
36	Edge effects in patchy seagrass landscapes: The role of predation in determining fish distribution. Journal of Experimental Marine Biology and Ecology, 2011, 399, 8-16.	0.7	88

#	Article	IF	Citations
37	Seine nets and beam trawls compared by day and night for sampling fish and crustaceans in shallow seagrass habitat. Fisheries Research, 2003, 64, 185-196.	0.9	83
38	Seagrass Restoration Is Possible: Insights and Lessons From Australia and New Zealand. Frontiers in Marine Science, 2020, $7$ , .	1.2	83
39	Urbanisation alters processing of marine carrion on sandy beaches. Landscape and Urban Planning, 2013, 119, 1-8.	3.4	80
40	Monitoring the environment and human sentiment on the Great Barrier Reef: Assessing the potential of collective sensing. Journal of Environmental Management, 2017, 203, 87-97.	3.8	79
41	Phenotypic plasticity promotes persistence following severe events: physiological and morphological responses of seagrass to flooding. Journal of Ecology, 2014, 102, 54-64.	1.9	78
42	Fish use of subtropical saltmarshes in Queensland, Australia: relationships with vegetation, water depth and distance onto the marsh. Marine Ecology - Progress Series, 2001, 209, 275-288.	0.9	76
43	Carbon movement and assimilation by invertebrates in estuarine habitats at a scale of metres. Marine Ecology - Progress Series, 2004, 278, 27-34.	0.9	<b>7</b> 5
44	Edge effects on fish associated with seagrass and sand patches. Marine Ecology - Progress Series, 2008, 359, 203-213.	0.9	73
45	Fish assemblages in seagrass beds are influenced by the proximity of mangrove forests. Marine Biology, 2007, 150, 993-1002.	0.7	68
46	Resource distribution influences positive edge effects in a seagrass fish. Ecology, 2010, 91, 2013-2021.	1.5	68
47	Multiple scavengers respond rapidly to pulsed carrion resources at the land–ocean interface. Acta Oecologica, 2013, 48, 7-12.	0.5	68
48	Identifying knowledge gaps in seagrass research and management: An Australian perspective. Marine Environmental Research, 2017, 127, 163-172.	1.1	68
49	Title is missing!. , 1997, 346, 137-148.		66
50	Estuarine fish health assessment: Evidence of wastewater impacts based on nitrogen isotopes and histopathology. Marine Pollution Bulletin, 2007, 54, 1762-1776.	2.3	65
51	Predation by jellyfish on large and emergent zooplankton: Implications for benthic–pelagic coupling. Estuarine, Coastal and Shelf Science, 2008, 76, 827-833.	0.9	65
52	Land–Ocean Coupling of Carbon and Nitrogen Fluxes on Sandy Beaches. Ecosystems, 2009, 12, 311-321.	1.6	65
53	Fish Responses to Experimental Fragmentation of Seagrass Habitat. Conservation Biology, 2009, 23, 644-652.	2.4	65
54	Metrics to assess ecological condition, change, and impacts in sandy beach ecosystems. Journal of Environmental Management, 2014, 144, 322-335.	3.8	65

#	Article	IF	Citations
55	Importance of Mangrove Carbon for Aquatic Food Webs in Wet–Dry Tropical Estuaries. Estuaries and Coasts, 2015, 38, 383-399.	1.0	63
56	Critical gaps in seagrass protection reveal the need to address multiple pressures and cumulative impacts. Ocean and Coastal Management, 2020, 183, 104946.	2.0	63
57	Stable isotope and fatty acid tracers in energy and nutrient studies of jellyfish: a review. Hydrobiologia, 2009, 616, 119-132.	1.0	62
58	The Role of Herbivory in Structuring Tropical Seagrass Ecosystem Service Delivery. Frontiers in Plant Science, 2018, 9, 127.	1.7	62
59	Maximizing the benefits of oyster reef restoration for finfish and their fisheries. Fish and Fisheries, 2018, 19, 931-947.	2.7	61
60	Feeding by fish visiting inundated subtropical saltmarsh. Journal of Experimental Marine Biology and Ecology, 2006, 336, 88-98.	0.7	60
61	Global extent and distribution of artificial, residential waterways in estuaries. Estuarine, Coastal and Shelf Science, 2011, 94, 192-197.	0.9	60
62	Marine reserves help coastal ecosystems cope with extreme weather. Global Change Biology, 2014, 20, 3050-3058.	4.2	59
63	Food webs supporting fish over subtropical mudflats are based on transported organic matter not in situ microalgae. Marine Biology, 2005, 148, 363-371.	0.7	58
64	Mangroveâ€reef connectivity promotes the effectiveness of marine reserves across the western <scp>P</scp> acific. Global Ecology and Biogeography, 2013, 22, 1040-1049.	2.7	58
65	Prioritising seascape connectivity in conservation using network analysis. Journal of Applied Ecology, 2017, 54, 1130-1141.	1.9	57
66	Fine-scale movement and assimilation of carbon in saltmarsh and mangrove habitat by resident animals. Aquatic Ecology, 2004, 38, 599-609.	0.7	55
67	Limited functional redundancy in vertebrate scavenger guilds fails to compensate for the loss of raptors from urbanized sandy beaches. Diversity and Distributions, 2015, 21, 55-63.	1.9	55
68	The role of seagrass as preferred habitat for juvenile sillaginodes punctata (cuv. & val.) (sillaginidae,) Tj ETQq0 0 0 39-47.	rgBT /Ove 0.7	rlock 10 Tf 5 53
69	The ecology of fish in the surf zones of ocean beaches: A global review. Fish and Fisheries, 2018, 19, 78-89.	2.7	53
70	Anthropogenic pressures and life history predict trajectories of seagrass meadow extent at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	53
71	Stable isotope evidence for trophic subsidy of coastal benthic fisheries by river discharge plumes off small estuaries. Marine Biology Research, 2009, 5, 164-171.	0.3	52
72	Identifying habitats at risk: simple models can reveal complex ecosystem dynamics. Ecological Applications, 2015, 25, 573-587.	1.8	52

#	Article	IF	CITATIONS
73	The assessment of fishery status depends on fish habitats. Fish and Fisheries, 2019, 20, 1-14.	2.7	52
74	Seagrass meadows shape fish assemblages across estuarine seascapes. Marine Ecology - Progress Series, 2018, 588, 179-189.	0.9	51
75	Local-scale mapping of benthic habitats to assess representation in a marine protected area. Marine and Freshwater Research, 2005, 56, 111.	0.7	50
76	Flood discharges of a small river into open coastal waters: Plume traits and material fate. Estuarine, Coastal and Shelf Science, 2006, 69, 4-9.	0.9	50
77	Isotope enrichment in mangrove forests separates microphytobenthos and detritus as carbon sources for animals. Limnology and Oceanography, 2010, 55, 393-402.	1.6	50
78	Spatial Restoration Ecology: Placing Restoration in a Landscape Context. BioScience, 2018, 68, 1007-1019.	2.2	50
79	Invasive carnivores alter ecological function and enhance complementarity in scavenger assemblages on ocean beaches. Ecology, 2015, 96, 2715-2725.	1.5	49
80	Edge effects and patch size in seagrass landscapes: an experimental test using fish. Marine Ecology - Progress Series, 2006, 319, 93-102.	0.9	49
81	Performance of non-native species within marine reserves. Biological Invasions, 2013, 15, 17-28.	1.2	48
82	Setback Distances as a Conservation Tool in Wildlife-Human Interactions: Testing Their Efficacy for Birds Affected by Vehicles on Open-Coast Sandy Beaches. PLoS ONE, 2013, 8, e71200.	1.1	47
83	Golden opportunities: A horizon scan to expand sandy beach ecology. Estuarine, Coastal and Shelf Science, 2015, 157, 1-6.	0.9	47
84	Fish assemblages as indicators of estuary ecosystem health. Wetlands Ecology and Management, 2012, 20, 477-490.	0.7	46
85	High congruence of isotope sewage signals in multiple marine taxa. Marine Pollution Bulletin, 2013, 71, 152-158.	2.3	46
86	Mechanism for the small-scale movement of carbon among estuarine habitats: organic matter transfer not crab movement. Oecologia, 2006, 148, 88-96.	0.9	45
87	Combined effects of urbanization and connectivity on iconic coastal fishes. Diversity and Distributions, 2016, 22, 1328-1341.	1.9	44
88	Human Actions Alter Tidal Marsh Seascapes and the Provision of Ecosystem Services. Estuaries and Coasts, 2021, 44, 1628-1636.	1.0	44
89	Patterns and trends in marine population connectivity research. Marine Ecology - Progress Series, 2017, 585, 243-256.	0.9	44
90	Incorporating Surrogate Species and Seascape Connectivity to Improve Marine Conservation Outcomes. Conservation Biology, 2014, 28, 982-991.	2.4	43

#	Article	IF	Citations
91	Landscape transformation alters functional diversity in coastal seascapes. Ecography, 2020, 43, 138-148.	2.1	43
92	Fish use of an inundated saltmarsh flat in a temperate Australian estuary. Austral Ecology, 1997, 22, 222-226.	0.7	42
93	Saltmarsh as habitat for fish and nektonic crustaceans: Challenges in sampling designs and methods. Austral Ecology, 1999, 24, 422-430.	0.7	42
94	Redistribution of sewage-nitrogen in estuarine food webs following sewage treatment upgrades. Marine Pollution Bulletin, 2009, 58, 573-580.	2.3	42
95	Carbon Exchange Among Tropical Coastal Ecosystems. , 2009, , 45-70.		42
96	Structural equation modelling reveals factors regulating surface sediment organic carbon content and CO2 efflux in a subtropical mangrove. Science of the Total Environment, 2017, 578, 513-522.	3.9	42
97	Vulnerability of seagrass blue carbon to microbial attack following exposure to warming and oxygen. Science of the Total Environment, 2019, 686, 264-275.	3.9	42
98	Differences in trophodynamics of commercially important fish between artificial waterways and natural coastal wetlands. Estuarine, Coastal and Shelf Science, 2003, 58, 929-936.	0.9	41
99	Umbrellas can work under water: Using threatened species as indicator and management surrogates can improve coastal conservation. Estuarine, Coastal and Shelf Science, 2017, 199, 132-140.	0.9	41
100	Development and long term dynamics of a fouling assemblage of sessile marine invertebrates. Biofouling, 1996, 9, 187-209.	0.8	40
101	Temporal dynamics of fish assemblages of natural and artificial tropical estuaries. Marine Ecology - Progress Series, 2010, 410, 143-157.	0.9	40
102	Donor-Control of Scavenging Food Webs at the Land-Ocean Interface. PLoS ONE, 2013, 8, e68221.	1.1	40
103	Prawn landings and their relationship with the extent of mangroves and shallow waters in western peninsular Malaysia. Estuarine, Coastal and Shelf Science, 2005, 63, 187-200.	0.9	39
104	Can export of organic matter from estuaries support zooplankton in nearshore, marine plumes?. Aquatic Ecology, 2009, 43, 383-393.	0.7	39
105	Science to Support Management of Receiving Waters in an Event-Driven Ecosystem: From Land to River to Sea. Water (Switzerland), 2013, 5, 780-797.	1.2	39
106	Seascape-scale trophic links for fish on inshore coral reefs. Coral Reefs, 2014, 33, 897-907.	0.9	39
107	Urbanisation supplements ecosystem functioning in disturbed estuaries. Ecography, 2018, 41, 2104-2113.	2.1	39
108	Oxygen Consumption and Sulfate Reduction in Vegetated Coastal Habitats: Effects of Physical Disturbance. Frontiers in Marine Science, 2019, 6, .	1.2	39

#	Article	IF	CITATIONS
109	Automatic detection of fish and tracking of movement for ecology. Ecology and Evolution, 2021, 11, 8254-8263.	0.8	39
110	Assessing fish abundance from underwater video using deep neural networks. , 2018, , .		38
111	Multi-scale estimation of the effects of pressures and drivers on mangrove forest loss globally. Biological Conservation, 2020, 247, 108637.	1.9	38
112	Habitat type and beach exposure shape fish assemblages in the surf zones of ocean beaches. Marine Ecology - Progress Series, 2017, 570, 203-211.	0.9	38
113	Conservation gone to the dogs: when canids rule the beach in small coastal reserves. Biodiversity and Conservation, 2015, 24, 493-509.	1.2	37
114	The Early Shorebird Will Catch Fewer Invertebrates on Trampled Sandy Beaches. PLoS ONE, 2016, 11, e0161905.	1.1	37
115	Seagrass patch size affects fish responses to edges. Journal of Animal Ecology, 2010, 79, 275-281.	1.3	36
116	Spatial analysis of carbon isotopes reveals seagrass contribution to fishery food web. Ecosphere, 2015, 6, 1-12.	1.0	36
117	Estimating animal populations and body sizes from burrows: Marine ecologists have their heads buried in the sand. Journal of Sea Research, 2016, 112, 55-64.	0.6	36
118	Assemblages of sessile marine invertebrates:still changing after all these years?. Marine Ecology - Progress Series, 1999, 182, 109-118.	0.9	36
119	Integrating edge effects into studies of habitat fragmentation: a test using meiofauna in seagrass. Oecologia, 2009, 159, 883-892.	0.9	35
120	Spatially-explicit valuation of coastal wetlands for cyclone mitigation in Australia and China. Scientific Reports, 2018, 8, 3035.	1.6	35
121	COVID-19 recovery can benefit biodiversity. Science, 2020, 368, 838-839.	6.0	35
122	Climate Change Implications for Tidal Marshes and Food Web Linkages to Estuarine and Coastal Nekton. Estuaries and Coasts, 2021, 44, 1637-1648.	1.0	35
123	Patterns of small fish distributions in seagrass beds in a temperate Australian estuary. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1297-1307.	0.4	34
124	Habitat selectivity of megalopae and juvenile mud crabs (Scylla serrata): implications for recruitment mechanism. Marine Biology, 2009, 156, 891-899.	0.7	34
125	Algal subsidies enhance invertebrate prey for threatened shorebirds: A novel conservation tool on ocean beaches?. Estuarine, Coastal and Shelf Science, 2017, 191, 28-38.	0.9	34
126	Highly Disturbed Populations of Seagrass Show Increased Resilience but Lower Genotypic Diversity. Frontiers in Plant Science, 2018, 9, 894.	1.7	34

#	Article	IF	CITATIONS
127	Causes of sulfur isotope variability in the seagrass, Zostera capricorni. Journal of Experimental Marine Biology and Ecology, 2004, 302, 153-164.	0.7	33
128	Tourists' aesthetic assessment of environmental changes, linking conservation planning to sustainable tourism development. Journal of Sustainable Tourism, 2019, 27, 1477-1494.	5.7	33
129	Fisheries rely on threatened salt marshes. Science, 2020, 370, 670-671.	6.0	33
130	Mangrove distribution and mosquito control: transport of Avicennia marina propagules by mosquito-control runnels in southeast Queensland saltmarshes. Estuarine, Coastal and Shelf Science, 2003, 56, 573-579.	0.9	32
131	Effective protection of fish on inshore coral reefs depends on the scale of mangrove-reef connectivity. Marine Ecology - Progress Series, 2015, 527, 157-165.	0.9	32
132	15N enrichment as a method of separating the isotopic signatures of seagrass and its epiphytes for food web analysis. Marine Ecology - Progress Series, 1999, 189, 289-294.	0.9	31
133	Title is missing!. Marine and Freshwater Research, 2002, 53, 777.	0.7	31
134	Use of flathead mullet (Mugil cephalus) in coastal biomonitor studies: Review and recommendations for future studies. Marine Pollution Bulletin, 2013, 69, 195-205.	2.3	31
135	Artificial Intelligence Meets Citizen Science to Supercharge Ecological Monitoring. Patterns, 2020, 1, 100109.	3.1	31
136	Marine reserves and seascape context shape fish assemblages in seagrass ecosystems. Marine Ecology - Progress Series, 2017, 566, 135-144.	0.9	31
137	Monitoring nitrogen pollution in seasonally-pulsed coastal waters requires judicious choice of indicator species. Marine Pollution Bulletin, 2017, 122, 149-155.	2.3	30
138	Indian Sundarbans mangrove forest considered endangered under Red List of Ecosystems, but there is cause for optimism. Biological Conservation, 2020, 251, 108751.	1.9	30
139	Climate crisis and flying: social media analysis traces the rise of "flightshame― Journal of Sustainable Tourism, 2021, 29, 1450-1469.	5.7	30
140	Tidal Marsh Restoration Optimism in a Changing Climate and Urbanizing Seascape. Estuaries and Coasts, 2021, 44, 1681-1690.	1.0	30
141	The influence of seafloor terrain on fish and fisheries: A global synthesis. Fish and Fisheries, 2021, 22, 707-734.	2.7	30
142	Herbivory in a subtropical seagrass ecosystem: separating the functional role of different grazers. Marine Ecology - Progress Series, 2014, 511, 83-91.	0.9	30
143	Effects of removal of seagrass canopy on assemblages of small, motile invertebrates. Marine Ecology - Progress Series, 1995, 118, 129-137.	0.9	30
144	Interactive effects of multiple stressors vary with consumer interactions, stressor dynamics and magnitude. Ecology Letters, 2022, 25, 1483-1496.	3.0	30

#	Article	IF	Citations
145	Contaminants in water, sediment and fish biomonitor species from natural and artificial estuarine habitats along the urbanized Gold Coast, Queensland. Journal of Environmental Monitoring, 2011, 13, 3409.	2.1	29
146	Importance of estuarine mangroves to juvenile banana prawns. Estuarine, Coastal and Shelf Science, 2012, 114, 208-219.	0.9	29
147	Climate drives the geography of marine consumption by changing predator communities. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28160-28166.	3.3	29
148	Opportunistic predation by small fishes on epibiota of jetty pilings in urban waterways. Journal of Fish Biology, 2008, 72, 205-217.	0.7	28
149	Enhancing the performance of marine reserves in estuaries: Just add water. Biological Conservation, 2017, 210, 1-7.	1.9	28
150	Moreton Bay and Its Estuaries: A Sub-tropical System Under Pressure from Rapid Population Growth. Estuaries of the World, 2014, , 203-222.	0.1	28
151	Linking threat maps with management to guide conservation investment. Biological Conservation, 2020, 245, 108527.	1.9	27
152	Zooplankton and epibenthic fauna in shrimp ponds: factors influencing assemblage dynamics. Aquaculture Research, 2003, 34, 359-371.	0.9	26
153	Trophic strategies of garfish, Arrhamphus sclerolepis, in natural coastal wetlands and artificial urban waterways. Marine Biology, 2006, 148, 1135-1141.	0.7	26
154	Edging along a Warming Coast: A Range Extension for a Common Sandy Beach Crab. PLoS ONE, 2015, 10, e0141976.	1.1	26
155	Realignment of sea turtle isotope studies needed to match conservation priorities. Marine Ecology - Progress Series, 2017, 583, 259-271.	0.9	26
156	Patterns of movement and habitat use by leafy seadragons tracked ultrasonically. Journal of Fish Biology, 2002, 61, 684-695.	0.7	25
157	Edge patterns in aquatic invertebrates explained by predictive models. Marine and Freshwater Research, 2010, 61, 214.	0.7	25
158	Functional replacement across species pools of vertebrate scavengers separated at a continental scale maintains an ecosystem function. Functional Ecology, 2016, 30, 998-1005.	1.7	25
159	Seascape context modifies how fish respond to restored oyster reef structures. ICES Journal of Marine Science, 2019, 76, 1131-1139.	1.2	25
160	The effects of shoreline armouring on estuarine fish are contingent upon the broader urbanisation context. Marine Ecology - Progress Series, 2018, 605, 195-206.	0.9	25
161	Within and among-site variability in $\hat{l}$ and $\hat{l}$ for three estuarine producers, Sporobolus virginicus, Zostera capricorni, and epiphytes of Z. capricorni. Aquatic Botany, 2004, 79, 87-94.	0.8	24
162	Artificial waterway design affects fish assemblages in urban estuaries. Journal of Fish Biology, 2007, 71, 1613-1629.	0.7	24

#	Article	IF	CITATIONS
163	Coupling between Marine Plankton and Freshwater Flow in the Plumes off a Small Estuary. International Review of Hydrobiology, 2008, 93, 641-658.	0.5	24
164	Contrasting effects of mangroves and armoured shorelines on fish assemblages in tropical estuarine seascapes. ICES Journal of Marine Science, 2019, 76, 1052-1061.	1.2	24
165	Measuring perceived beauty of the Great Barrier Reef using eye-tracking technology. Current Issues in Tourism, 2020, 23, 2492-2502.	4.6	24
166	Sample acidification significantly alters stable isotope ratios of sulfur in aquatic plants and animals. Marine Ecology - Progress Series, 2013, 493, 1-8.	0.9	24
167	Growth and Reproduction of Double-Ended Pipefish, Syngnathoides biaculeatus, in Moreton Bay, Queensland, Australia. Environmental Biology of Fishes, 2003, 67, 23-33.	0.4	23
168	Conservation Benefits of Marine Reserves are Undiminished Near Coastal Rivers and Cities. Conservation Letters, 2015, 8, 312-319.	2.8	23
169	Ambitious global targets for mangrove and seagrass recovery. Current Biology, 2022, 32, 1641-1649.e3.	1.8	23
170	Deep learning for automated analysis of fish abundance: the benefits of training across multiple habitats. Environmental Monitoring and Assessment, 2020, 192, 698.	1.3	22
171	Applying systematic conservation planning to improve the allocation of restoration actions at multiple spatial scales. Restoration Ecology, 2021, 29, e13403.	1.4	22
172	Annotated Video Footage for Automated Identification and Counting of Fish in Unconstrained Seagrass Habitats. Frontiers in Marine Science, 2021, 8, .	1.2	21
173	Vertical movement of mud crab megalopae (Scylla serrata) in response to light: Doing it differently down under. Journal of Experimental Marine Biology and Ecology, 2007, 341, 196-203.	0.7	20
174	China's Belt and Road Initiative: Conservation opportunities for threatened marine species and habitats. Marine Policy, 2020, 112, 103791.	1.5	20
175	Optimising Land-Sea Management for Inshore Coral Reefs. PLoS ONE, 2016, 11, e0164934.	1.1	20
176	Variability of, and the influence of environmental factors on, the recruitment of postlarval and juvenile Penaeus merguiensis in the Matang mangroves of Malaysia. Marine Biology, 2002, 141, 241-251.	0.7	19
177	Modification of saltmarsh for mosquito control in Australia alters habitat use by nekton. Wetlands Ecology and Management, 2005, 13, 149-161.	0.7	19
178	Artificial tidal lakes: Built for humans, home for fish. Ecological Engineering, 2013, 60, 414-420.	1.6	19
179	A hybrid is born: Integrating collective sensing, citizen science and professional monitoring of the environment. Ecological Informatics, 2019, 52, 35-45.	2.3	19
180	Low redundancy and complementarity shape ecosystem functioning in a lowâ€diversity ecosystem. Journal of Animal Ecology, 2020, 89, 784-794.	1.3	19

#	Article	IF	CITATIONS
181	Saltmarsh grass supports fishery food webs in subtropical Australian estuaries. Estuarine, Coastal and Shelf Science, 2020, 238, 106719.	0.9	19
182	Effects of freshwater flow extremes on intertidal biota of a wet-dry tropical estuary. Marine Ecology - Progress Series, 2014, 502, 11-23.	0.9	19
183	Regional drivers of clutch loss reveal important trade-offs for beach-nesting birds. PeerJ, 2016, 4, e2460.	0.9	19
184	Improved Accuracy for Automated Counting of a Fish in Baited Underwater Videos for Stock Assessment. Frontiers in Marine Science, 2021, 8, .	1.2	19
185	Nursery Function Drives Temporal Patterns in Fish Assemblage Structure in Four Tropical Estuaries. Estuaries and Coasts, 2013, 36, 893-905.	1.0	18
186	Habitat proximity exerts opposing effects on key ecological functions. Landscape Ecology, 2018, 33, 1273-1286.	1.9	18
187	Effects of seascape connectivity on reserve performance along exposed coastlines. Conservation Biology, 2019, 33, 580-589.	2.4	18
188	Integrating outcomes of IUCN red list of ecosystems assessments for connected coastal wetlands. Ecological Indicators, 2020, 116, 106489.	2.6	18
189	Oil spill from the Era: Mangroves taking eons to recover. Marine Pollution Bulletin, 2020, 153, 110965.	2.3	18
190	Geographic Variation in Salt Marsh Structure and Function for Nekton: a Guide to Finding Commonality Across Multiple Scales. Estuaries and Coasts, 2021, 44, 1497-1507.	1.0	18
191	Movement of carbon among estuarine habitats: the influence of saltmarsh patch size. Marine Ecology - Progress Series, 2006, 310, 15-24.	0.9	18
192	The Effects of Altering Seagrass Canopy Height on Small, Motile Invertebrates of Shallow Mediterranean Embayments. Marine Ecology, 1996, 17, 637-652.	0.4	17
193	Phylogeography of the pipefish, Urocampus carinirostris, suggests secondary intergradation of ancient lineages. Marine Biology, 2002, 141, 541-547.	0.7	17
194	Habitat complexity influences the structure of food webs in Great Barrier Reef seagrass meadows. Ecosphere, 2019, 10, e02928.	1.0	17
195	Opportunities for improving recognition of coastal wetlands in global ecosystem assessment frameworks. Ecological Indicators, 2021, 126, 107694.	2.6	17
196	Conceptualizing ecosystem degradation using mangrove forests as a model system. Biological Conservation, 2021, 263, 109355.	1.9	17
197	Stable isotopes as tracers of residency for fish on inshore coral reefs. Estuarine, Coastal and Shelf Science, 2015, 167, 368-376.	0.9	16
198	Biogeochemical Cycles: Global Approaches and Perspectives. , 2017, , 163-209.		16

#	Article	IF	CITATIONS
199	Distinguishing between sea turtle foraging areas using stable isotopes from commensal barnacle shells. Scientific Reports, 2019, 9, 6565.	1.6	16
200	Stable isotopes indicate ecosystem restructuring following climateâ€driven mangrove dieback. Limnology and Oceanography, 2020, 65, 1251-1263.	1.6	16
201	Assessing temporal and spatial trends in estuarine nutrient dynamics using a multi-species stable isotope approach. Ecological Indicators, 2016, 67, 338-345.	2.6	15
202	Landscape context modifies the rate and distribution of predation around habitat restoration sites. Biological Conservation, 2019, 237, 97-104.	1.9	15
203	The Mouths of Estuaries Are Key Transition Zones that Concentrate the Ecological Effects of Predators. Estuaries and Coasts, 2021, 44, 1557.	1.0	15
204	Fine-scale movement and assimilation of carbon in saltmarsh and mangrove habitat by resident animals. Aquatic Ecology, 2005, 38, 599-609.	0.7	14
205	Resource type influences the effects of reserves and connectivity on ecological functions. Journal of Animal Ecology, 2016, 85, 437-444.	1.3	14
206	Using isotope labeling to partition sources of CO <sub>2</sub> efflux in newly established mangrove seedlings. Limnology and Oceanography, 2018, 63, 731-740.	1.6	14
207	Assessing methods for restoring seagrass (Zostera muelleri) in Australia's subtropical waters. Marine and Freshwater Research, 2020, 71, 996.	0.7	14
208	Linking ecosystem condition and landscape context in the conservation of ecosystem multifunctionality. Biological Conservation, 2020, 243, 108479.	1.9	14
209	Evaluating multiple stressor research in coastal wetlands: A systematic review. Marine Environmental Research, 2021, 164, 105239.	1.1	14
210	Shortâ€ŧerm differences in animal assemblages in patches formed by loss and growth of habitat. Austral Ecology, 2010, 35, 515-521.	0.7	13
211	Combining stable isotope enrichment, compartmental modelling and ecological network analysis for quantitative measurement of food web dynamics. Methods in Ecology and Evolution, 2011, 2, 56-65.	2.2	13
212	Using growth rates to estimate age of the sea turtle barnacle Chelonibia testudinaria. Marine Biology, 2017, 164, 1.	0.7	13
213	The slow rise of technology: Computer vision techniques in fish population connectivity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 210-217.	0.9	13
214	Functional plasticity in vertebrate scavenger assemblages in the presence of introduced competitors. Oecologia, 2018, 188, 583-593.	0.9	12
215	Optimising Seagrass Conservation for Ecological Functions. Ecosystems, 2019, 22, 1368-1380.	1.6	12
216	Metabolomic indicators for low-light stress in seagrass. Ecological Indicators, 2020, 114, 106316.	2.6	12

#	Article	IF	CITATIONS
217	Automating the analysis of fish grazing behaviour from videos using image classification and optical flow. Animal Behaviour, 2021, 177, 31-37.	0.8	12
218	Ecosystem type drives tea litter decomposition and associated prokaryotic microbiome communities in freshwater and coastal wetlands at a continental scale. Science of the Total Environment, 2021, 782, 146819.	3.9	12
219	Measuring carbon isotope ratios of microphytobenthos using compoundâ€specific stable isotope analysis of phytol. Limnology and Oceanography: Methods, 2005, 3, 511-519.	1.0	11
220	Response of fauna in seagrass to habitat edges, patch attributes and hydrodynamics. Austral Ecology, 2010, 35, 535-543.	0.7	11
221	Adaptation strategies for coral reef ecosystems in Small Island Developing States: Integrated modelling of local pressures and long-term climate changes. Journal of Cleaner Production, 2020, 253, 119864.	4.6	11
222	The Differential Importance of Deep and Shallow Seagrass to Nekton Assemblages of the Great Barrier Reef. Diversity, 2020, 12, 292.	0.7	11
223	Disturbance type determines how connectivity shapes ecosystem resilience. Scientific Reports, 2021, 11, 1188.	1.6	11
224	Novel Applications of Technology for Advancing Tidal Marsh Ecology. Estuaries and Coasts, 2021, 44, 1568-1578.	1.0	11
225	Subsistence harvesting by a small community does not substantially compromise coral reef fish assemblages. ICES Journal of Marine Science, 2017, 74, 2191-2200.	1.2	10
226	Twitter conversations reveal issue salience of aviation in the broader context of climate change. Journal of Air Transport Management, 2022, 98, 102157.	2.4	10
227	Dredging fundamentally reshapes the ecological significance of 3D terrain features for fish in estuarine seascapes. Landscape Ecology, 2022, 37, 1385-1400.	1.9	10
228	Some Like it Hot: The Ecology, Ecosystem Benefits and Restoration Potential of Oyster Reefs in Tropical Waters. Frontiers in Marine Science, 0, 9, .	1.2	10
229	Fish Biomass in Tropical Estuaries: Substantial Variation in Food Web Structure, Sources of Nutrition and Ecosystem-Supporting Processes. Estuaries and Coasts, 2017, 40, 580-593.	1.0	9
230	Global oxygen isoscapes for barnacle shells: Application for tracing movement in oceans. Science of the Total Environment, 2020, 705, 135782.	3.9	9
231	Marine and coastal ecosystem-based adaptation in Asia and Oceania: review of approaches and integration with marine spatial planning. Pacific Conservation Biology, 2021, 27, 104.	0.5	9
232	Densities and aperture sizes of burrows constructed by Helograpsus haswellianus (decapoda:) Tj ETQq0 0 0 rgBT	/Overlock	18 Tf 50 142
233	Little shrimp left on the shelf: the roles that seaâ€level change, ocean currents and continental shelf width play in the genetic connectivity of a seagrassâ€associated species. Journal of Biogeography, 2010, 37, 1570-1583.	1.4	8
234	Both size and gender of mud crabs influence the outcomes of interference interactions. Journal of Experimental Marine Biology and Ecology, 2012, 434-435, 1-6.	0.7	8

#	Article	IF	Citations
235	Landscape context and nutrients modify the effects of coastal urbanisation. Marine Environmental Research, 2020, 158, 104936.	1.1	8
236	Quantifying human use of sandy shores with aerial remote sensing technology: The sky is not the limit. Ocean and Coastal Management, 2021, 211, 105750.	2.0	8
237	Short-term response of estuarine sandflat trophodynamics to pulse anthropogenic physical disturbance: Support for the Intermediate Disturbance Hypothesis. Estuarine, Coastal and Shelf Science, 2011, 92, 639-648.	0.9	7
238	Combining process indices from network analysis with structural population measures to indicate response of estuarine trophodynamics to pulse organic enrichment. Ecological Indicators, 2012, 18, 652-658.	2.6	7
239	Community structure and dietary pathways for invertebrates on intertidal coral reef flats. Food Webs, 2015, 3, 7-16.	0.5	7
240	Key Ecological Function Peaks at the Land–Ocean Transition Zone When Vertebrate Scavengers Concentrate on Ocean Beaches. Ecosystems, 2020, 23, 906-916.	1.6	7
241	The fox and the beach: Coastal landscape topography and urbanisation predict the distribution of carnivores at the edge of the sea. Global Ecology and Conservation, 2020, 23, e01071.	1.0	7
242	Ecological Constraint Mapping: Understanding Outcome-Limiting Bottlenecks for Improved Environmental Decision-Making in Marine and Coastal Environments. Frontiers in Marine Science, 2021, 8, .	1.2	7
243	Seagrass corridors and tidal state modify how fish use habitats on intertidal coral reef flats. Marine Ecology - Progress Series, 2017, 581, 135-147.	0.9	7
244	Dredging transforms the seafloor and enhances functional diversity in urban seascapes. Science of the Total Environment, 2022, 831, 154811.	3.9	7
245	Fineâ€scale spatial and temporal variations in diets of the pipefish <i>Stigmatopora nigra</i> within seagrass patches. Journal of Fish Biology, 2011, 78, 1824-1832.	0.7	6
246	Seagrass Dynamics and Resilience. , 2018, , 197-212.		6
247	Dependency of Queensland and the Great Barrier Reef's tropical fisheries on reef-associated fish. Scientific Reports, 2020, 10, 17801.	1.6	6
248	Stable isotopes track the ecological and biogeochemical legacy of mass mangrove forest dieback in the Gulf of Carpentaria, Australia. Biogeosciences, 2020, 17, 5599-5613.	1.3	6
249	Species traits and connectivity constrain stochastic community re-assembly. Scientific Reports, 2017, 7, 14424.	1.6	5
250	Sources and fate of organic matter in constructed versus natural coastal waterways. Marine Pollution Bulletin, 2018, 135, 505-513.	2.3	5
251	Functional changes in reef systems in warmer seas: Asymmetrical effects of altered grazing by a widespread crustacean mesograzer. Science of the Total Environment, 2018, 644, 976-981.	3.9	5
252	Supporting urban ecosystem services across terrestrial, marine and freshwater realms. Science of the Total Environment, 2022, 817, 152689.	3.9	5

#	Article	IF	Citations
253	Connectivity Shapes Functional Diversity and Maintains Complementarity in Surf Zones on Exposed Coasts. Estuaries and Coasts, 2022, 45, 1534-1544.	1.0	5
254	Out of the shadows: automatic fish detection from acoustic cameras. Aquatic Ecology, 2023, 57, 833-844.	0.7	5
255	Consolidation and volumetric soil-water content of salt marsh soils following habitat modification for mosquito control. Wetlands Ecology and Management, 2004, 12, 333-342.	0.7	4
256	Food sources of the sergestid crustacean, Acetes sibogae, in shrimp ponds. Aquaculture, 2006, 259, 222-233.	1.7	4
257	Stable isotope and fatty acid tracers in energy and nutrient studies of jellyfish: a review. , 2008, , 119-132.		4
258	Diverse land uses and high coastal urbanisation do not always result in harmful environmental pollutants in fisheries species. Marine Pollution Bulletin, 2020, 159, 111487.	2.3	4
259	A review of support tools to assess multi-sector interactions in the emerging offshore Blue Economy. Environmental Science and Policy, 2022, 133, 203-214.	2.4	4
260	Seafloor Terrain Shapes the Three-dimensional Nursery Value of Mangrove and Seagrass Habitats. Ecosystems, 0, , .	1.6	4
261	Effects of water exchange and abiotic factors on zooplankton and epibenthic fauna in shrimp ponds. Aquaculture Research, 2006, 37, 1387-1399.	0.9	3
262	Urbanisation and Fishing Alter the Body Size and Functional Traits of a Key Fisheries Species. Estuaries and Coasts, 2020, 43, 2170-2181.	1.0	3
263	Remote estimation of aquatic light environments using machine learning: A new management tool for submerged aquatic vegetation. Science of the Total Environment, 2021, 782, 146886.	3.9	3
264	Human modifications to estuaries correlate with the morphology and functional roles of coastal fish. Marine Environmental Research, 2021, 170, 105443.	1.1	3
265	Global typologies of coastal wetland status to inform conservation and management. Ecological Indicators, 2021, 131, 108141.	2.6	3
266	Sympatric seagrass shrimp show similar structure and selection along the seashore: a comparison of two cryptic <i>Phycomenes zostericola</i> lineages. Marine Ecology, 2013, 34, 30-42.	0.4	2
267	Being Well-Connected Pays in a Disturbed World: Enhanced Herbivory in Better-Linked Habitats. Diversity, 2020, 12, 424.	0.7	2
268	Unique Post-telemetry Recapture Enables Development of Multi-Element Isoscapes From Barnacle Shell for Retracing Host Movement. Frontiers in Marine Science, 2020, 7, .	1.2	2
269	Patterns of movement and habitat use by leafy seadragons tracked ultrasonically. Journal of Fish Biology, 2002, 61, 684-695.	0.7	1
270	Residual Attention Network vs Real Attention on Aesthetic Assessment. Communications in Computer and Information Science, 2021, , 310-320.	0.4	0