Richard Kf Unsworth

List of Publications by Year
in descending order

105 papers	5,546 citations	71102 41 h-index	88630 70 g-index
106 all docs	106 docs citations	106 times ranked	4602 citing authors

#	Article	IF	Citations
1	Extreme temperatures, foundation species, and abrupt ecosystem change: an example from an iconic seagrass ecosystem. Global Change Biology, 2015, 21, 1463-1474.	9.5	227
2	The fundamental role of ecological feedback mechanisms for the adaptive management of seagrass ecosystemsÂâ€“Âa review. Biological Reviews, 2017, 92, 1521-1538.	10.4	217
3	Global challenges for seagrass conservation. Ambio, 2019, 48, 801-815.	5.5	215
4	Seagrass meadows support global fisheries production. Conservation Letters, 2019, 12, e12566.	5.7	202
5	Seagrass meadows globally as a coupled socialâ€“ecological system: Implications for human wellbeing. Marine Pollution Bulletin, 2014, 83, 387-397.	5.0	201
6	Recognising the necessity for Indoâ€Pacific seagrass conservation. Conservation Letters, 2010, 3, 63-73.	5.7	194
7	A framework for the resilience of seagrass ecosystems. Marine Pollution Bulletin, 2015, 100, 34-46.	5.0	191
8	The global distribution of seagrass meadows. Environmental Research Letters, 2020, 15, 074041.	5.2	191
9	High connectivity of Indo-Pacific seagrass fish assemblages with mangrove and coral reef habitats. Marine Ecology - Progress Series, 2008, 353, 213-224.	1.9	164
10	Tropical seagrass meadows modify seawater carbon chemistry: implications for coral reefs impacted by ocean acidification. Environmental Research Letters, 2012, 7, 024026.	5.2	159
11	Too hot to handle: Unprecedented seagrass death driven by marine heatwave in a World Heritage Area. Global Change Biology, 2020, 26, 3525-3538.	9.5	139
12	Blue Carbon Storage Capacity of Temperate Eelgrass (<scp>Zostera marina</scp>) Meadows. Global Biogeochemical Cycles, 2018, 32, 1457-1475.	4.9	130
13	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. Frontiers in Marine Science, 2019, 6, .	2.5	123
14	Seasonal Rainfall and Runoff Promote Coral Disease on an Inshore Reef. PLoS ONE, 2011, 6, e16893.	2.5	117
15	Indonesia's globally significant seagrass meadows are under widespread threat. Science of the Total Environment, 2018, 634, 279-286.	8.0	113
16	Global significance of seagrass fishery activity. Fish and Fisheries, 2018, 19, 399-412.	5.3	112
17	Extreme climate events lower resilience of foundation seagrass at edge of biogeographical range. Journal of Ecology, 2014, 102, 1528-1536.	4.0	104
18	Protecting the hand that feeds us: Seagrass (Zostera marina) serves as commercial juvenile fish habitat. Marine Pollution Bulletin, 2014, 83, 425-429.	5.0	103

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19	Long-term climate-associated dynamics of a tropical seagrass meadow: implications for the future. Marine Ecology - Progress Series, 2011, 422, 93-103.	1.9	95
20	Seagrass Meadows, Ecosystem Services, and Sustainability. Environment, 2013, 55, 14-28.	1.4	91
21	A Systematic Review of How Multiple Stressors From an Extreme Event Drove Ecosystem-Wide Loss of Resilience in an Iconic Seagrass Community. Frontiers in Marine Science, 2019, 6, .	2.5	87
22	Diel trophic structuring of seagrass bed fish assemblages in the Wakatobi Marine National Park, Indonesia. Estuarine, Coastal and Shelf Science, 2007, 72, 81-88.	2.1	83
23	Seagrass Restoration Is Possible: Insights and Lessons From Australia and New Zealand. Frontiers in Marine Science, 2020, 7, .	2.5	83
24	Decreasing seagrass density negatively influences associated fauna. PeerJ, 2015, 3, e1053.	2.0	70
25	Latitude, temperature, and habitat complexity predict predation pressure in eelgrass beds across the Northern Hemisphere. Ecology, 2018, 99, 29-35.	3.2	70
26	Structuring of Indo-Pacific fish assemblages along the mangroveâ€“seagrass continuum. Aquatic Biology, 2009, 5, 85-95.	1.4	67
27	Mimicry of emergent traits amplifies coastal restoration success. Nature Communications, 2020, 11, 3668.	12.8	67
28	Economic and subsistence values of the standing stocks of seagrass fisheries: Potential benefits of no-fishing marine protected area management. Ocean and Coastal Management, 2010, 53, 218-224.	4.4	64
29	Atlantic Cod (Gadus morhua) benefits from the availability of seagrass (Zostera marina) nursery habitat. Global Ecology and Conservation, 2014, 2, 367-377.	2.1	64
30	Strategies to enhance the resilience of the world's seagrass meadows. Journal of Applied Ecology, 2016, 53, 967-972.	4.0	59
31	Seagrass meadows in a globally changing environment. Marine Pollution Bulletin, 2014, 83, 383-386.	5.0	58
32	One hundred priority questions for landscape restoration in Europe. Biological Conservation, 2018, 221, 198-208.	4.1	58
33	Tidal fish connectivity of reef and sea grass habitats in the Indo-Pacific. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1287-1296.	0.8	57
34	Food supply depends on seagrass meadows in the coral triangle. Environmental Research Letters, 2014, 9, 094005.	5.2	57
35	A global review of green turtle diet: sea surface temperature as a potential driver of omnivory levels. Marine Biology, 2020, 167, 1.	1.5	56
36	Photosynthetic response to globally increasing CO₂ of coâ€•occurring temperate seagrass species. Plant, Cell and Environment, 2016, 39, 1240-1250.	5.7	54

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37	A call for seagrass protection. Science, 2018, 361, 446-448.	12.6	54
38	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, .	7.1	53
39	The contribution of scarid herbivory to seagrass ecosystem dynamics in the Indo-Pacific. Estuarine, Coastal and Shelf Science, 2007, 74, 53-62.	2.1	50
40	Spatio-temporal coral disease dynamics in the Wakatobi Marine National Park, South-East Sulawesi, Indonesia. Diseases of Aquatic Organisms, 2009, 87, 105-115.	1.0	50
41	A changing climate for seagrass conservation?. Current Biology, 2018, 28, R1229-R1232.	3.9	49
42	Optimising stereo baited underwater video for sampling fish and invertebrates in temperate coastal habitats. Estuarine, Coastal and Shelf Science, 2014, 150, 281-287.	2.1	48
43	Rocking the Boat: Damage to Eelgrass by Swinging Boat Moorings. Frontiers in Plant Science, 2017, 8, 1309.	3.6	47
44	Historical Analysis Exposes Catastrophic Seagrass Loss for the United Kingdom. Frontiers in Plant Science, 2021, 12, 629962.	3.6	39
45	The perilous state of seagrass in the British Isles. Royal Society Open Science, 2016, 3, 150596.	2.4	37
46	Crowdsourcing conservation: The role of citizen science in securing a future for seagrass. Marine Pollution Bulletin, 2018, 134, 210-215.	5.0	35
47	Light Stress Responses by the Eelgrass, Zostera marina (L). Frontiers in Environmental Science, 2018, 6, .	3.3	35
48	Sowing the Seeds of Seagrass Recovery Using Hessian Bags. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	35
49	Effects of dredging on critical ecological processes for marine invertebrates, seagrasses and macroalgae, and the potential for management with environmental windows using Western Australia as a case study. Ecological Indicators, 2017, 78, 229-242.	6.3	34
50	Science behind management of Shark Bay and Florida Bay, two P-limited subtropical systems with different climatology and human pressures. Marine and Freshwater Research, 2012, 63, 941.	1.3	33
51	The ecology of Indo-Pacific grouper (Serranidae) species and the effects of a small scale no take area on grouper assemblage, abundance and size frequency distribution. Marine Biology, 2007, 152, 243-254.	1.5	32
52	Solar Radiation and Tidal Exposure as Environmental Drivers of Enhalus acoroides Dominated Seagrass Meadows. PLoS ONE, 2012, 7, e34133.	2.5	32
53	Tracking Nitrogen Source Using Î´15N Reveals Human and Agricultural Drivers of Seagrass Degradation across the British Isles. Frontiers in Plant Science, 2018, 9, 133.	3.6	32
54	An ecosystems perspective for food security in the Caribbean: Seagrass meadows in the Turks and Caicos Islands. Ecosystem Services, 2015, 11, 12-21.	5.4	31

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55	Artificial Intelligence Meets Citizen Science to Supercharge Ecological Monitoring. Patterns, 2020, 1, 100109.	5.9	31
56	Belowground stressors and long-term seagrass declines in a historically degraded seagrass ecosystem after improved water quality. Scientific Reports, 2017, 7, 14469.	3.3	29
57	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.	7.1	29
58	The discovery of deep-water seagrass meadows in a pristine Indian Ocean wilderness revealed by tracking green turtles. Marine Pollution Bulletin, 2018, 134, 99-105.	5.0	28
59	New Tools to Identify the Location of Seagrass Meadows: Marine Grazers as Habitat Indicators. Frontiers in Marine Science, 2018, 5, .	2.5	28
60	Faunal relationships with seagrass habitat structure: a case study using shrimp from the Indo-Pacific. Marine and Freshwater Research, 2007, 58, 1008.	1.3	26
61	Conservation Concerns of Small-Scale Fisheries: By-Catch Impacts of a Shrimp and Finfish Fishery in a Sri Lankan Lagoon. Frontiers in Marine Science, 2018, 5, .	2.5	22
62	Artisanal fish fences pose broad and unexpected threats to the tropical coastal seascape. Nature Communications, 2019, 10, 2100.	12.8	22
63	Nutrient status of seagrasses cannot be inferred from system-scale distribution of phosphorus in Shark Bay, Western Australia. Marine and Freshwater Research, 2012, 63, 1015.	1.3	21
64	Green turtle diet is dominated by seagrass in the Western Indian Ocean except amongst gravid females. Marine Biology, 2019, 166, 1.	1.5	20
65	Canopy Accumulation: Are Seagrass Meadows a Sink of Microplastics?. Oceans, 2021, 2, 162-178.	1.3	20
66	Adaptive Resolution Imaging Sonar (ARIS) as a tool for marine fish identification. Fisheries Research, 2021, 243, 106092.	1.7	19
67	Social-ecological drivers and dynamics of seagrass gleaning fisheries. Ambio, 2020, 49, 1271-1281.	5.5	18
68	Assessing Fish and Motile Fauna around Offshore Windfarms Using Stereo Baited Video. PLoS ONE, 2016, 11, e0149701.	2.5	18
69	Reasons for seagrass optimism: Local ecological knowledge confirms presence of dugongs. Marine Pollution Bulletin, 2018, 134, 118-122.	5.0	17
70	Disturbance influences the invasion of a seagrass into an existing meadow. Marine Pollution Bulletin, 2014, 86, 186-196.	5.0	15
71	Seagrass meadows. Current Biology, 2017, 27, R443-R445.	3.9	15
72	Seagrass ecosystem contributions to people's quality of life in the Pacific Island Countries and Territories. Marine Pollution Bulletin, 2021, 167, 112307.	5.0	15

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73	Coastal restoration success via emergent trait-mimicry is context dependent. Biological Conservation, 2021, 264, 109373.	4.1	15
74	Strategy for assessing impacts in ephemeral tropical seagrasses. Marine Pollution Bulletin, 2015, 101, 594-599.	5.0	14
75	The perverse fisheries consequences of mosquito net malaria prophylaxis in East Africa. Ambio, 2020, 49, 1257-1267.	5.5	13
76	Development of water quality thresholds during dredging for the protection of benthic primary producer habitats. Journal of Environmental Monitoring, 2010, 12, 159-163.	2.1	12
77	Biodiversity, ecosystem services, and the conservation of seagrass meadows. , 2014, , 95-130.		12
78	Seagrass Structural Traits Drive Fish Assemblages in Small-Scale Fisheries. Frontiers in Marine Science, 2021, 8, .	2.5	12
79	Seagrass ecosystems of the Pacific Island Countries and Territories: A global bright spot. Marine Pollution Bulletin, 2021, 167, 112308.	5.0	12
80	Seagrass research in Southeast Asia. Botanica Marina, 2018, 61, 177-179.	1.2	11
81	Unravelling the Spatial and Temporal Plasticity of Eelgrass Meadows. Frontiers in Plant Science, 2021, 12, 664523.	3.6	11
82	Motile fauna of sub-tidal Zostera marina meadows in England and Wales. Marine Biodiversity, 2015, 45, 647-654.	1.0	10
83	Finding some seagrass optimism in Wales, the case of Zostera noltii. Marine Pollution Bulletin, 2018, 134, 216-222.	5.0	10
84	Improving visual biodiversity assessments of motile fauna in turbid aquatic environments. Limnology and Oceanography: Methods, 2019, 17, 544-554.	2.0	9
85	The biogeography of community assembly: latitude and predation drive variation in community trait distribution in a guild of epifaunal crustaceans. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211762.	2.6	9
86	Valuing and Evaluating Marine Ecosystem Services: Putting the Right Price on Marine Environments?. Environment and Society: Advances in Research, 2014, 5, .	1.4	8
87	Habitat Configuration Alters Herbivory across the Tropical Seascape. Frontiers in Marine Science, 2017, 4, .	2.5	8
88	Salinity stress drives herbivory rates and selective grazing in subtidal seagrass communities. PLoS ONE, 2019, 14, e0214308.	2.5	8
89	Seagrass meadows are threatened by expected loss of peatlands in Indonesia. Global Change Biology, 2016, 22, 2957-2958.	9.5	7
90	Citizen Science Driven Big Data Collection Requires Improved and Inclusive Societal Engagement. Frontiers in Marine Science, 2021, 8, .	2.5	7

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91	Seagrass Meadows Provide a Significant Resource in Support of Avifauna. Diversity, 2021, 13, 363.	1.7	7
92	The influence of bait on remote underwater video observations in shallow-water coastal environments associated with the North-Eastern Atlantic. PeerJ, 2020, 8, e9744.	2.0	7
93	Dependence on seagrass fisheries governed by household income and adaptive capacity. Ocean and Coastal Management, 2022, 225, 106247.	4.4	7
94	Complex yet fauna-deficient seagrass ecosystems at risk in southern Myanmar. Botanica Marina, 2018, 61, 193-203.	1.2	6
95	Demersal Fish Assemblages in NE Atlantic Seagrass and Kelp. Diversity, 2020, 12, 366.	1.7	6
96	The response of the seagrass Halodule wrightii Ascherson to environmental stressors. Estuarine, Coastal and Shelf Science, 2020, 238, 106693.	2.1	4
97	Consistency Is Critical for the Effective Use of Baited Remote Video. Oceans, 2021, 2, 215-232.	1.3	4
98	Ensuring appropriate and proportionate responses to environmental threats: A response to Caras and Pasternak. Ocean and Coastal Management, 2010, 53, 700-702.	4.4	3
99	An inter-specific behavioural association between a highfin grouper (Epinephelus maculatus) and a reef octopus (Octopus cyanea). Marine Biodiversity Records, 2012, 5, .	1.2	3
100	Comment on â€˜Seagrass Viviparous Propagules as a Potential Long-Distance Dispersal Mechanismâ€™ by A. C. G. Thomson et al.. Estuaries and Coasts, 2016, 39, 290-293.	2.2	3
101	Secret Gardens Under the Sea: What are Seagrass Meadows and Why are They Important?. Frontiers for Young Minds, 2018, 6, .	0.8	3
102	Seagrass Dependent Artisanal Fisheries of Southeast Asia. , 2016, , 1-9.		2
103	Improving benthic biodiversity assessments in turbid aquatic environments. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1379-1391.	2.0	2
104	Seagrass Dependent Artisanal Fisheries of Southeast Asia. , 2018, , 437-445.		1
105	Coupled Social-Ecological Systems: Insights from Seagrass Meadows in the Turks and Caicos Islands. , 0, , 392-415.		1