Gary A Kendrick

List of Publications by Citations

226 papers	14,841 citations	55 h-index	117 g-index
233 ext. papers	17,832 ext. citations	4.3 avg, IF	6.33 L-index

#	Paper	IF	Citations
226	Accelerating loss of seagrasses across the globe threatens coastal ecosystems. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12377-81	11.5	2255
225	A Global Crisis for Seagrass Ecosystems. *BioScience*, **2006**, 56, 987	5.7	1793
224	Seagrass ecosystems as a globally significant carbon stock. *Nature Geoscience*, **2012**, 5, 505-509	18.3	962
223	Climate-driven regime shift of a temperate marine ecosystem. *Science*, **2016**, 353, 169-72	33.3	643
222	Extinction risk assessment of the world seagrass species. *Biological Conservation*, **2011**, 144, 1961-1971	6.2	464
221	Impacts of climate change in a global hotspot for temperate marine biodiversity and ocean warming. *Journal of Experimental Marine Biology and Ecology*, **2011**, 400, 7-16	2.1	290
220	Decreasing resilience of kelp beds along a latitudinal temperature gradient: potential implications for a warmer future. *Ecology Letters*, **2010**, 13, 685-94	10	244
219	Bait attraction affects the performance of remote underwater video stations in assessment of demersal fish community structure. *Marine Ecology - Progress Series*, **2007**, 350, 245-254	2.6	241
218	Trophic Transfers from Seagrass Meadows Subsidize Diverse Marine and Terrestrial Consumers. *Ecosystems*, **2008**, 11, 1198-1210	3.9	232
217	A comparison of temperate reef fish assemblages recorded by three underwater stereo-video techniques. *Marine Biology*, **2005**, 148, 415-425	2.5	230
216	Global analysis of seagrass restoration: the importance of large-scale planting. *Journal of Applied Ecology*, **2016**, 53, 567-578	5.8	218
215	The Central Role of Dispersal in the Maintenance and Persistence of Seagrass Populations. *BioScience*, **2012**, 62, 56-65	5.7	210
214	A marine heatwave drives massive losses from the world largest seagrass carbon stocks. *Nature Climate Change*, **2018**, 8, 338-344	21.4	174
213	Extreme temperatures, foundation species, and abrupt ecosystem change: an example from an iconic seagrass ecosystem. *Global Change Biology*, **2015**, 21, 1463-74	11.4	157
212	Unravelling complexity in seagrass systems for management: Australia as a microcosm. *Science of the Total Environment*, **2015**, 534, 97-109	10.2	155
211	Ecological significance and commercial harvesting of drifting and beach-cast macro-algae and seagrasses in Australia: a review **1997**, 9, 311-326		139
210	Impact of seagrass loss and subsequent revegetation on carbon sequestration and stocks. *Journal of Ecology*, **2015**, 103, 296-302	6	138

209	Changes in seagrass coverage in Cockburn Sound, Western Australia between 1967 and 1999. *Aquatic Botany*, **2002**, 73, 75-87	1.8	135
208	A comparison of underwater visual distance estimates made by scuba divers and a stereo-video system: implications for underwater visual census of reef fish abundance. *Marine and Freshwater Research*, **2004**, 55, 573	2.2	132
207	Monitoring of Benthic Reference Sites: Using an Autonomous Underwater Vehicle. *IEEE Robotics and Automation Magazine*, **2012**, 19, 73-84	3.4	111
206	Recruitment of coralline crusts and filamentous turf algae in the Galapagos archipelago: effect of simulated scour, erosion and accretion. *Journal of Experimental Marine Biology and Ecology*, **1991**, 147, 47-63	2.1	111
205	Modelling distribution of marine benthos from hydroacoustics and underwater video. *Continental Shelf Research*, **2008**, 28, 1800-1810	2.4	100
204	Regional differences in kelp-associated algal assemblages on temperate limestone reefs in south-western Australia. *Diversity and Distributions*, **2003**, 9, 427-441	5	99
203	The movement ecology of seagrasses. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281,	4.4	92
202	Modification of the physical environment by an Ecklonia radiata (Laminariales) canopy and implications for associated foliose algae. *Aquatic Ecology*, **2005**, 39, 419-430	1.9	92
201	Austral spring microalgae across the Weddell Sea ice edge: spatial relationships found along a northward transect during AMERIEZ 83. *Deep-sea Research Part A, Oceanographic Research Papers*, **1988**, 35, 1-20		90
200	The distribution of seagrass species in shark bay, Western Australia, with notes on their ecology. *Aquatic Botany*, **1988**, 30, 305-317	1.8	89
199	Seagrasses of southwest Australia: A conceptual synthesis of the world's most diverse and extensive seagrass meadows. *Journal of Experimental Marine Biology and Ecology*, **2007**, 350, 21-45	2.1	82
198	Dispersal of propagules of Sargassum spp. (Sargassaceae: Phaeophyta): Observations of local patterns of dispersal and consequences for recruitment and population structure. *Journal of Experimental Marine Biology and Ecology*, **1995**, 192, 273-288	2.1	79
197	Dispersal distances for propagules of Sargassum spinuligerum (Sargassaceae, Phaeophyta) measured directly by vital staining and venturi suction sampling. *Marine Ecology - Progress Series*, **1991**, 79, 133-138	2.6	79
196	Accelerating Tropicalization and the Transformation of Temperate Seagrass Meadows. *BioScience*, **2016**, 66, 938-948	5.7	78
195	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. *Nature Communications*, **2019**, 10, 4313	17.4	75
194	Heat stress of two tropical seagrass species during low tides - impact on underwater net photosynthesis, dark respiration and diel in situ internal aeration. *New Phytologist*, **2016**, 210, 1207-18	9.8	75
193	Extreme climate events lower resilience of foundation seagrass at edge of biogeographical range. *Journal of Ecology*, **2014**, 102, 1528-1536	6	74
192	Protection from fishing alters the species composition of fish assemblages in a temperate-tropical transition zone. *Marine Biology*, **2007**, 152, 1197-1206	2.5	74

191	Changes in Seagrass Cover on Success and Parmelia Banks, Western Australia Between 1965 and 1995. *Estuarine, Coastal and Shelf Science*, **2000**, 50, 341-353	2.9	73
190	Effects of protection from fishing on the lengths of targeted and non-targeted fish species at the Houtman Abrolhos Islands, Western Australia. *Marine Ecology - Progress Series*, **2009**, 384, 241-249	2.6	73
189	Biogenic habitat structure of seaweeds change along a latitudinal gradient in ocean temperature. *Journal of Experimental Marine Biology and Ecology*, **2011**, 400, 264-271	2.1	70
188	Seagrass ecosystem trajectory depends on the relative timescales of resistance, recovery and disturbance. *Marine Pollution Bulletin*, **2018**, 134, 166-176	6.7	69
187	Seagrass loss associated with boat moorings at Rottnest Island, Western Australia. *Ocean and Coastal Management*, **1995**, 26, 225-246	3.9	68
186	Threats to Macroalgal Diversity: Marine Habitat Destruction and Fragmentation, Pollution and Introduced Species. *Botanica Marina*, **1998**, 41,	1.8	66
185	Upgrading Marine Ecosystem Restoration Using Ecological-Social Concepts. *BioScience*, **2016**, 66, 156-163	3.7	65
184	Demographic and genetic connectivity: the role and consequences of reproduction, dispersal and recruitment in seagrasses. *Biological Reviews*, **2017**, 92, 921-938	13.5	64
183	The effect of thallus size, life stage, aggregation, wave exposure and substratum conditions on the forces required to break or dislodge the small kelp Ecklonia radiata. *Botanica Marina*, **2004**, 47,	1.8	62
182	Landscape-scale changes in seagrass distribution over time: a case study from Success Bank, Western Australia. *Aquatic Botany*, **1999**, 65, 293-309	1.8	62
181	A test of a functional group approach to detecting shifts in macroalgal communities along a disturbance gradient. *Marine Ecology - Progress Series*, **1997**, 153, 125-138	2.6	61
180	Carbon, nitrogen and phosphorus storage in subtropical seagrass meadows: examples from Florida Bay and Shark Bay. *Marine and Freshwater Research*, **2012**, 63, 967	2.2	60
179	Too hot to handle: Unprecedented seagrass death driven by marine heatwave in a World Heritage Area. *Global Change Biology*, **2020**, 26, 3525-3538	11.4	59
178	Clonality in seagrasses, emergent properties and seagrass landscapes. *Marine Ecology - Progress Series*, **2005**, 290, 291-296	2.6	59
177	Nonlinear processes in seagrass colonisation explained by simple clonal growth rules. *Oikos*, **2005**, 108, 165-175	4	58
176	Deep thinking: a systematic review of mesophotic coral ecosystems. *ICES Journal of Marine Science*, **2017**, 74, 2309-2320	2.7	57
175	Exploring Symbiodinium diversity and host specificity in Acropora corals from geographical extremes of Western Australia with 454 amplicon pyrosequencing. *Molecular Ecology*, **2014**, 23, 3113-26	5.7	57
174	Impact of mooring activities on carbon stocks in seagrass meadows. *Scientific Reports*, **2016**, 6, 23193	4.9	56

173	Using Agent-Based Models to Aid Reef Restoration: Enhancing Coral Cover and Topographic Complexity through the Spatial Arrangement of Coral Transplants. *Restoration Ecology*, **2005**, 13, 685-694	3.1	56
172	Assemblage turnover and taxonomic sufficiency of subtidal macroalgae at multiple spatial scales. *Journal of Experimental Marine Biology and Ecology*, **2010**, 384, 76-86	2.1	55
171	Consistent abundance distributions of marine fishes in an old, climatically buffered, infertile seascape. *Global Ecology and Biogeography*, **2012**, 21, 886-897	6.1	54
170	Large-scale geographic variation in distribution and abundance of Australian deep-water kelp forests. *PLoS ONE*, **2015**, 10, e0118390	3.7	54
169	Variation in abundances of herbivorous invertebrates in temperate subtidal rocky reef habitats. *Marine and Freshwater Research*, **2004**, 55, 93	2.2	53
168	Differences in fish assemblages from different reef habitats at Hamelin Bay, south-western Australia. *Marine and Freshwater Research*, **2003**, 54, 177	2.2	51
167	Feedback between sediment and light for seagrass: Where is it important?. *Limnology and Oceanography*, **2016**, 61, 1937-1955	4.8	49
166	Modelling formation of complex topography by the seagrass Posidonia oceanica. *Estuarine, Coastal and Shelf Science*, **2005**, 65, 717-725	2.9	48
165	ROLE OF RECRUITMENT IN STRUCTURING BEDS OF SARGASSUM SPP. (PHAEOPHYTA) AT ROTTNEST ISLAND, WESTERN AUSTRALIA1. *Journal of Phycology*, **1994**, 30, 200-208	3	48
164	Can mud (silt and clay) concentration be used to predict soil organic carbon content within seagrass ecosystems?. *Biogeosciences*, **2016**, 13, 4915-4926	4.6	48
163	Oxygen loss from seagrass roots coincides with colonisation of sulphide-oxidising cable bacteria and reduces sulphide stress. *ISME Journal*, **2019**, 13, 707-719	11.9	48
162	The influence of geomorphology and sedimentary processes on shallow-water benthic habitat distribution: Esperance Bay, Western Australia. *Estuarine, Coastal and Shelf Science*, **2007**, 72, 379-386	2.9	47
161	The effects of light and thallus scour from Ecklonia radiata canopy on an associated foliose algal assemblage: the importance of photoacclimation. *Marine Biology*, **2004**, 144, 1019-1027	2.5	47
160	Knowledge gaps in tropical Southeast Asian seagrass systems. *Estuarine, Coastal and Shelf Science*, **2011**, 92, 118-131	2.9	46
159	Regional-scale benthic monitoring for ecosystem-based fisheries management (EBFM) using an autonomous underwater vehicle (AUV). *ICES Journal of Marine Science*, **2012**, 69, 1108-1118	2.7	46
158	Disturbance and reef topography maintain high local diversity in Ecklonia radiata kelp forests. *Oikos* , **2007**, 116, 1618-1630	4	45
157	Differences in trophic position among sympatric sea urchin species. *Estuarine, Coastal and Shelf Science*, **2006**, 66, 291-297	2.9	45
156	Efficiently measuring complex sessile epibenthic organisms using a novel photogrammetric technique. *Journal of Experimental Marine Biology and Ecology*, **2006**, 339, 120-133	2.1	45

155	Invasion is a community affair: Clandestine followers in the bacterial community associated to green algae, Caulerpa racemosa, track the invasion source. *PLoS ONE*, **2013**, 8, e68429	3.7	45
154	Canopy interactions and physical stress gradients in subtidal communities. *Ecology Letters*, **2015**, 18, 677-86	10	44
153	Influence of Ecklonia radiata kelp canopy on structure of macro-algal assemblages in Marmion Lagoon, Western Australia. *Hydrobiologia*, **1999**, 398/399, 275-283	2.4	44
152	Contrasting influence of sea urchins on attached and drift macroalgae. *Marine Ecology - Progress Series*, **2005**, 299, 101-110	2.6	43
151	The role of hydrodynamics on seed dispersal in seagrasses. *Limnology and Oceanography*, **2012**, 57, 1257-1265	4.2	42
150	The Genome of a Southern Hemisphere Seagrass Species (Zostera muelleri). *Plant Physiology*, **2016**, 172, 272-83	6.6	41
149	Effects of propagule settlement density and adult canopy on survival of recruits of Sargassum spp. (Sargassaceae: Phaeophyta). *Marine Ecology - Progress Series*, **1994**, 103, 129-140	2.6	41
148	Aquaculture of Posidonia australis Seedlings for Seagrass Restoration Programs: Effect of Sediment Type and Organic Enrichment on Growth. *Restoration Ecology*, **2013**, 21, 250-259	3.1	40
147	Restricted gene flow and local adaptation highlight the vulnerability of high-latitude reefs to rapid environmental change. *Global Change Biology*, **2017**, 23, 2197-2205	11.4	39
146	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,	4.5	39
145	EFFECTS OF ISLAND GROUPS, DEPTH, AND EXPOSURE TO OCEAN WAVES ON SUBTIDAL MACROALGAL ASSEMBLAGES IN THE RECHERCHE ARCHIPELAGO, WESTERN AUSTRALIA1. *Journal of Phycology*, **2004**, 40, 631-641	3	39
144	Low Light Availability Alters Root Exudation and Reduces Putative Beneficial Microorganisms in Seagrass Roots. *Frontiers in Microbiology*, **2017**, 8, 2667	5.7	38
143	Genetic diversity in threatened Posidonia australis seagrass meadows. *Conservation Genetics*, **2014**, 15, 717-728	2.6	37
142	Historical processes and contemporary ocean currents drive genetic structure in the seagrass Thalassia hemprichii in the Indo-Australian Archipelago. *Molecular Ecology*, **2017**, 26, 1008-1021	5.7	36
141	Combining environmental gradients to explain and predict the structure of demersal fish distributions. *Journal of Biogeography*, **2010**, 37, 593-605	4.1	36
140	Multi-scale spatial patterns of three seagrass species with different growth dynamics. *Ecography*, **2008**, 31, 191-200	6.5	36
139	Photosynthetic response to globally increasing CO2 of co-occurring temperate seagrass species. *Plant, Cell and Environment*, **2016**, 39, 1240-50	8.4	36
138	Measuring fragmentation of seagrass landscapes: which indices are most appropriate for detecting change?. *Marine and Freshwater Research*, **2005**, 56, 851	2.2	35

137	Marine sponges of the Dampier Archipelago, Western Australia: patterns of species distributions, abundance and diversity. *Biodiversity and Conservation*, **2006**, 15, 3731-3750	3.4	34
136	Benthic assemblage composition on subtidal reefs along a latitudinal gradient in Western Australia. *Estuarine, Coastal and Shelf Science*, **2010**, 86, 83-92	2.9	33
135	The interaction of environment and genetic diversity within meadows of the seagrass Posidonia australis (Posidoniaceae). *Marine Ecology - Progress Series*, **2014**, 506, 87-98	2.6	33
134	Crustose coralline algal growth, calcification and mortality following a marine heatwave in Western Australia. *Continental Shelf Research*, **2015**, 106, 38-44	2.4	32
133	Contemporary connectivity is sustained by wind- and current-driven seed dispersal among seagrass meadows. *Movement Ecology*, **2015**, 3, 9	4.6	32
132	Seasonal Changes in Epiphytic Macro-Algae Assemblages between Offshore Exposed and Inshore Protected Posidonia sinuosa Cambridge et Kuo Seagrass Meadows, Western Australia. *Botanica Marina*, **1997**, 40,	1.8	31
131	Evolutionary history of the seagrass genus Posidonia. *Marine Ecology - Progress Series*, **2011**, 421, 117-130	2.6	31
130	Reproductive synchrony in a habitat-forming kelp and its relationship with environmental conditions. *Marine Biology*, **2013**, 160, 119-126	2.5	30
129	Interannual and small-scale spatial variability in sexual reproduction of the seagrasses Posidonia coriacea and Heterozostera tasmanica, southwestern Australia. *Aquatic Botany*, **2002**, 74, 287-297	1.8	30
128	Seagrass Restoration Is Possible: Insights and Lessons From Australia and New Zealand. *Frontiers in Marine Science*, **2020**, 7,	4.5	30
127	Coastal fish assemblages reflect geological and oceanographic gradients within an Australian zootone. *PLoS ONE*, **2013**, 8, e80955	3.7	29
126	Timing anthropogenic stressors to mitigate their impact on marine ecosystem resilience. *Nature Communications*, **2017**, 8, 1263	17.4	28
125	Probabilistic large-area mapping of seagrass species distributions. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2007**, 17, 385-407	2.6	28
124	Effects of high salinity from desalination brine on growth, photosynthesis, water relations and osmolyte concentrations of seagrass Posidonia australis. *Marine Pollution Bulletin*, **2017**, 115, 252-260	6.7	27
123	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	5.8	26
122	Microsites play an important role for seedling survival in the seagrass Amphibolis antarctica. *Journal of Experimental Marine Biology and Ecology*, **2011**, 401, 29-35	2.1	26
121	Reconstruction of centennial-scale fluxes of chemical elements in the Australian coastal environment using seagrass archives. *Science of the Total Environment*, **2016**, 541, 883-894	10.2	25
120	Identifying critical recruitment bottlenecks limiting seedling establishment in a degraded seagrass ecosystem. *Scientific Reports*, **2017**, 7, 14786	4.9	25

119	Benthic microalgae and nutrient dynamics in wave-disturbed environments in Marmion Lagoon, Western Australia, compared with less disturbed mesocosms. *Journal of Experimental Marine Biology and Ecology*, **1998**, 228, 83-105	2.1	25
118	Predation on Posidonia australis seeds in seagrass habitats of Rottnest Island, Western Australia: patterns and predators. *Marine Ecology - Progress Series*, **2006**, 313, 105-114	2.6	25
117	Isolation by resistance across a complex coral reef seascape. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20151217	4.4	24
116	Against the odds: complete outcrossing in a monoecious clonal seagrass Posidonia australis (Posidoniaceae). *Annals of Botany*, **2014**, 113, 1185-96	4.1	24
115	Deep Image Representations for Coral Image Classification. *IEEE Journal of Oceanic Engineering*, **2019**, 44, 121-131	3.3	24
114	Spatial structure of seagrass suggests that size-dependent plant traits have a strong influence on the distribution and maintenance of tropical multispecies meadows. *PLoS ONE*, **2014**, 9, e86782	3.7	23
113	Reproduction at the extremes: pseudovivipary, hybridization and genetic mosaicism in Posidonia australis (Posidoniaceae). *Annals of Botany*, **2016**, 117, 237-47	4.1	22
112	Interactions between filamentous turf algae and coralline algae are modified under ocean acidification. *Journal of Experimental Marine Biology and Ecology*, **2014**, 456, 70-77	2.1	22
111	High Sulfide Intrusion in Five Temperate Seagrasses Growing Under Contrasting Sediment Conditions. *Estuaries and Coasts*, **2013**, 36, 116-126	2.8	22
110	Disturbance Is an Important Driver of Clonal Richness in Tropical Seagrasses. *Frontiers in Plant Science*, **2017**, 8, 2026	6.2	22
109	Benthic Macroalgae of Shark Bay, Western Australia. *Botanica Marina*, **1990**, 33,	1.8	22
108	Inorganic Nutrient Supplements Constrain Restoration Potential of Seedlings of the Seagrass, Posidonia australis. *Restoration Ecology*, **2014**, 22, 196-203	3.1	21
107	Environmental influences on kelp performance across the reproductive period: an ecological trade-off between gametophyte survival and growth?. *PLoS ONE*, **2013**, 8, e65310	3.7	21
106	Canopy□understorey relationships are mediated by reef topography in Ecklonia radiata kelp beds. *European Journal of Phycology*, **2008**, 43, 133-142	2.2	21
105	Posidonia australis seed predation in seagrass habitats of Two Peoples Bay, Western Australia. *Aquatic Botany*, **2007**, 86, 83-85	1.8	21
104	Season and sediment nutrient additions affect root architecture in the temperate seagrasses Posidonia australis and P. sinuosa□ *Marine Ecology - Progress Series*, **2012**, 446, 23-30	2.6	21
103	Effects of sediment burial on tropical ruderal seagrasses are moderated by clonal integration. *Continental Shelf Research*, **2011**, 31, 1945-1954	2.4	20
102	Contrasting responses of seagrass transplants (Posidonia australis) to nitrogen, phosphorus and iron addition in an estuary and a coastal embayment. *Journal of Experimental Marine Biology and Ecology*, **2009**, 371, 34-41	2.1	20

101	A comparative assessment of approaches and outcomes for seagrass revegetation in Shark Bay and Florida Bay. *Marine and Freshwater Research*, **2012**, 63, 984	2.2	20
100	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	2.2	20
99	Belowground stressors and long-term seagrass declines in a historically degraded seagrass ecosystem after improved water quality. *Scientific Reports*, **2017**, 7, 14469	4.9	19
98	Spatial patterns in fish herbivory in a temperate Australian seagrass meadow. *Estuarine, Coastal and Shelf Science*, **2011**, 93, 366-374	2.9	19
97	Modelling seagrass growth and development to evaluate transplanting strategies for restoration. *Annals of Botany*, **2011**, 108, 1213-23	4.1	19
96	Abundance ofRuppia megacarpaMason in a Seasonally Variable Estuary. *Estuarine, Coastal and Shelf Science*, **1999**, 48, 497-509	2.9	19
95	Changes in distribution of macro-algal epiphytes on stems of the seagrass Amphibolis antarctica along a salinity gradient in Shark Bay, Western Australia. *Phycologia*, **1988**, 27, 201-208	2.7	19
94	Effects of desalination brine and seawater with the same elevated salinity on growth, physiology and seedling development of the seagrass Posidonia australis. *Marine Pollution Bulletin*, **2019**, 140, 462-471	6.7	19
93	Metagenomic Evidence of Microbial Community Responsiveness to Phosphorus and Salinity Gradients in Seagrass Sediments. *Frontiers in Microbiology*, **2018**, 9, 1703	5.7	18
92	From fronds to fish: the use of indicators for ecological monitoring in marine benthic ecosystems, with case studies from temperate Western Australia. *Reviews in Fish Biology and Fisheries*, **2011**, 21, 311-337	6	18
91	Survival of juvenile Ecklonia radiata sporophytes after canopy loss. *Journal of Experimental Marine Biology and Ecology*, **2007**, 349, 170-182	2.1	18
90	Ecological significance of seagrasses: Assessment for management of environmental impact in Western Australia. *Ecological Engineering*, **2001**, 16, 323-330	3.9	18
89	Root microbiomes as indicators of seagrass health. *FEMS Microbiology Ecology*, **2020**, 96,	4.3	18
88	Turf algal epiphytes metabolically induce local pH increase, with implications for underlying coralline algae under ocean acidification. *Estuarine, Coastal and Shelf Science*, **2015**, 164, 463-470	2.9	17
87	Seagrass derived organic matter influences biogeochemistry, microbial communities, and seedling biomass partitioning in seagrass sediments. *Plant and Soil*, **2016**, 400, 133-146	4.2	17
86	Subtidal macroalgal richness, diversity and turnover, at multiple spatial scales, along the southwestern Australian coastline. *Estuarine, Coastal and Shelf Science*, **2011**, 91, 224-231	2.9	17
85	Re-evaluating species boundaries among members of the Posidonia ostenfeldii species complex (Posidoniaceae) □morphological and genetic variation. *Aquatic Botany*, **2000**, 66, 41-56	1.8	17
84	Population genetic structure of the Pocillopora damicornis morphospecies along Ningaloo Reef, Western Australia. *Marine Ecology - Progress Series*, **2014**, 513, 111-119	2.6	17

83	Seagrass Halophila ovalis is affected by light quality across different life history stages. *Marine Ecology - Progress Series*, **2017**, 572, 103-116	2.6	17
82	Reefs as contributors to diversity of epiphytic macroalgae assemblages in seagrass meadows. *Marine Ecology - Progress Series*, **2004**, 276, 71-83	2.6	17
81	Challenges for Restoration of Coastal Marine Ecosystems in the Anthropocene. *Frontiers in Marine Science*, **2020**, 7,	4.5	17
80	Genetic signatures of Bassian glacial refugia and contemporary connectivity in a marine foundation species. *Journal of Biogeography*, **2016**, 43, 2209-2222	4.1	17
79	Seagrass losses since mid-20th century fuelled CO emissions from soil carbon stocks. *Global Change Biology*, **2020**, 26, 4772-4784	11.4	16
78	Characterisation of polymorphic microsatellite markers in the widespread Australian seagrass, Posidonia australis Hook. f. (Posidoniaceae), with cross-amplification in the sympatric P. sinuosa. *Conservation Genetics Resources*, **2009**, 1, 273-276	0.8	16
77	Hydrogen sulfide intrusion in seagrasses from Shark Bay, Western Australia. *Marine and Freshwater Research*, **2012**, 63, 1027	2.2	16
76	Can single classifiers be as useful as model ensembles to produce benthic seabed substratum maps?. *Estuarine, Coastal and Shelf Science*, **2018**, 204, 149-163	2.9	15
75	A genetic assessment of a successful seagrass meadow (Posidonia australis) restoration trial. *Ecological Management and Restoration*, **2013**, 14, 68-71	1.4	15
74	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	2.2	15
73	Underwater video as a monitoring tool to detect change in seagrass cover. *Journal of Environmental Management*, **2006**, 80, 148-55	7.9	15
72	Automatic Hierarchical Classification of Kelps Using Deep Residual Features. *Sensors*, **2020**, 20,	3.8	15
71	Turban snails as habitat for foliose algae: contrasting geographical patterns in species richness. *Marine and Freshwater Research*, **2010**, 61, 1237	2.2	15
70	Factors influencing distribution and habitat associations in an endemic group of temperate Western Australian reef fishes over a latitudinal gradient. *Marine Ecology - Progress Series*, **2014**, 517, 193-208	2.6	14
69	How does burrowing by the isopod Limnoria agrostisa (Crustacea: Limnoriidae) affect the leaf canopy of the southern Australian seagrass Amphibolis griffithii?. *Marine Biology*, **2008**, 156, 65-77	2.5	14
68	Phenolic concentrations of brown seaweeds and relationships to nearshore environmental gradients in Western Australia. *Marine Biology*, **2017**, 164, 1	2.5	12
67	Depth moderates loss of marine foundation species after an extreme marine heatwave: could deep temperate reefs act as a refuge?. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20200709	4.4	12
66	Strategy for assessing impacts in ephemeral tropical seagrasses. *Marine Pollution Bulletin*, **2015**, 101, 594-9	6.7	12

65	Nutrient dynamics in two seagrass species, Posidonia coriacea and Zostera tasmanica, on Success Bank, Western Australia. *Estuarine, Coastal and Shelf Science*, **2004**, 60, 251-260	2.9	12
64	Assessing biomass, assemblage structure and productivity of algal epiphytes on seagrasses **2001**, 199-222		12
63	Cast adrift: Physiology and dispersal of benthic Sargassum spinuligerum in surface rafts. *Limnology and Oceanography*, **2019**, 64, 526-540	4.8	12
62	Determining light stress responses for a tropical multi-species seagrass assemblage. *Marine Pollution Bulletin*, **2018**, 128, 508-518	6.7	11
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