

Simon F Thrush

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

10,505
citations

28274

55
h-index

48315

88
g-index

217
all docs

217
docs citations

217
times ranked

7799
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental effects of marine fishing. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1995, 5, 205-232.	2.0	602
2	Disturbance to Marine Benthic Habitats by Trawling and Dredging: Implications for Marine Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 449-473.	6.7	588
3	Bioturbators enhance ecosystem function through complex biogeochemical interactions. <i>Nature</i> , 2004, 431, 1092-1095.	27.8	475
4	DISTURBANCE OF THE MARINE BENTHIC HABITAT BY COMMERCIAL FISHING: IMPACTS AT THE SCALE OF THE FISHERY. , 1998, 8, 866-879.		213
5	Functional Role of Large Organisms in Intertidal Communities: Community Effects and Ecosystem Function. <i>Ecosystems</i> , 2006, 9, 1029-1040.	3.4	194
6	Fishing impacts and the degradation or loss of habitat structure. <i>Fisheries Management and Ecology</i> , 1999, 6, 401-420.	2.0	190
7	Scale-Dependent Recolonization: The Role of Sediment Stability in a Dynamic Sandflat Habitat. <i>Ecology</i> , 1996, 77, 2472-2487.	3.2	188
8	THE IMPORTANCE OF SMALL-SCALE HABITAT STRUCTURE FOR MAINTAINING BETA DIVERSITY. <i>Ecology</i> , 2005, 86, 1619-1626.	3.2	185
9	Forecasting the limits of resilience: integrating empirical research with theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3209-3217.	2.6	182
10	Spatial patterns in soft-bottom communities. <i>Trends in Ecology and Evolution</i> , 1991, 6, 75-79.	8.7	172
11	Habitat variation, species diversity and ecological functioning in a marine system. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 366, 116-122.	1.5	159
12	Real world biodiversityâ€ecosystem functioning: a seafloor perspective. <i>Trends in Ecology and Evolution</i> , 2014, 29, 398-405.	8.7	158
13	The Effect of Spatial and Temporal Heterogeneity on the Design and Analysis of Empirical Studies of Scaleâ€Dependent Systems. <i>American Naturalist</i> , 2007, 169, 398-408.	2.1	151
14	THE EFFECTS OF HABITAT LOSS, FRAGMENTATION, AND COMMUNITY HOMOGENIZATION ON RESILIENCE IN ESTUARIES. , 2008, 18, 12-21.		145
15	Ocean Acidification at High Latitudes: Potential Effects on Functioning of the Antarctic Bivalve <i>Laternula elliptica</i> . <i>PLoS ONE</i> , 2011, 6, e16069.	2.5	142
16	Benthicâ€pelagic coupling and suspensionâ€feeding bivalves: Linking siteâ€specific sediment flux and biodeposition to benthic community structure. <i>Limnology and Oceanography</i> , 2001, 46, 2067-2072.	3.1	139
17	Multiple stressors, nonlinear effects and the implications of climate change impacts on marine coastal ecosystems. <i>Global Change Biology</i> , 2016, 22, 2665-2675.	9.5	125
18	PREDICTING THE EFFECTS OF HABITAT HOMOGENIZATION ON MARINE BIODIVERSITY. , 2006, 16, 1636-1642.		122

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19	TROPHIC STRUCTURE OF COASTAL ANTARCTIC FOOD WEBS ASSOCIATED WITH CHANGES IN SEA ICE AND FOOD SUPPLY. <i>Ecology</i> , 2007, 88, 2810-2820.	3.2	117
20	Global Carbon Cycling on a Heterogeneous Seafloor. <i>Trends in Ecology and Evolution</i> , 2018, 33, 96-105.	8.7	117
21	What Can Ecology Contribute to Ecosystem-Based Management?. <i>Annual Review of Marine Science</i> , 2010, 2, 419-441.	11.6	115
22	Dispersal dynamics in a wind-driven benthic system. <i>Limnology and Oceanography</i> , 1995, 40, 1513-1518.	3.1	107
23	Seagrass Patches and Landscapes: The Influence of Wind-Wave Dynamics and Hierarchical Arrangements of Spatial Structure on Macrofaunal Seagrass Communities. <i>Estuaries and Coasts</i> , 1999, 22, 1016.	1.7	104
24	Rare species, habitat diversity and functional redundancy in marine benthos. <i>Journal of Sea Research</i> , 2007, 58, 291-301.	1.6	95
25	Nonlinear foraging response of a large marine predator to benthic prey: eagle ray pits and bivalves in a New Zealand sandflat. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 191-210.	1.5	94
26	MACROBENTHIC RECOVERY PROCESSES FOLLOWING CATASTROPHIC SEDIMENTATION ON ESTUARINE SANDFLATS. , 2003, 13, 1433-1455.		94
27	Patterns in the spatial arrangements of polychaetes and bivalves in intertidal sandflats. <i>Marine Biology</i> , 1989, 102, 529-535.	1.5	93
28	THE GENERALITY OF FIELD EXPERIMENTS: INTERACTIONS BETWEEN LOCAL AND BROAD-SCALE PROCESSES. <i>Ecology</i> , 2000, 81, 399-415.	3.2	91
29	Improving ecosystem service frameworks to address wicked problems. <i>Ecology and Society</i> , 2015, 20, .	2.3	89
30	Title is missing!. <i>Hydrobiologia</i> , 1998, 375/376, 227-240.	2.0	88
31	Rapid reworking of subtidal sediments by burrowing spatangoid urchins. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 321, 155-169.	1.5	88
32	Impacts on Soft-Sediment Macrofauna: The Effects of Spatial Variation on Temporal Trends. , 1994, 4, 31-41.		87
33	Scale- and intensity-dependent disturbance determines the magnitude of opportunistic response. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 330, 195-207.	1.5	86
34	Changes in Ecosystem Function Across Sedimentary Gradients in Estuaries. <i>Ecosystems</i> , 2014, 17, 182-194.	3.4	85
35	Surprising episodic recruitment and growth of Antarctic sponges: Implications for ecological resilience. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 482, 38-55.	1.5	84
36	The role of microphytobenthos in soft-sediment ecological networks and their contribution to the delivery of multiple ecosystem services. <i>Journal of Ecology</i> , 2020, 108, 815-830.	4.0	83

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37	CONDITIONAL OUTCOMES OF FACILITATION BY A HABITAT-MODIFYING SUBTIDAL BIVALVE. <i>Ecology</i> , 2006, 87, 226-234.	3.2	82
38	Intermittent bioirrigation and oxygen dynamics in permeable sediments: An experimental and modeling study of three tellinid bivalves. <i>Journal of Marine Research</i> , 2012, 70, 794-823.	0.3	82
39	ASSESSING AND MONITORING ECOLOGICAL COMMUNITY HEALTH IN MARINE SYSTEMS. , 2005, 15, 942-953.		80
40	Broad-scale factors influencing the biodiversity of coastal benthic communities of the Ross Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 959-971.	1.4	78
41	Multiple stressor effects identified from species abundance distributions: Interactions between urban contaminants and species habitat relationships. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 366, 160-168.	1.5	74
42	Seabed drag coefficient over natural beds of horse mussels (<i>Atrina zelandica</i>). <i>Journal of Marine Research</i> , 1998, 56, 613-637.	0.3	73
43	Complex role of predators in structuring soft-sediment macrobenthic communities: Implications of changes in spatial scale for experimental studies. <i>Austral Ecology</i> , 1999, 24, 344-354.	1.5	73
44	On effects of trawling, benthos and sampling design. <i>Marine Pollution Bulletin</i> , 2006, 52, 840-843.	5.0	73
45	A latent threat to biodiversity: consequences of small-scale heterogeneity loss. <i>Biodiversity and Conservation</i> , 2010, 19, 1315-1323.	2.6	73
46	Post-settlement movement by intertidal benthic macroinvertebrates: Do common New Zealand species drift in the water column?. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1995, 29, 59-67.	2.0	70
47	MAPPING OF MARINE SOFT-SEDIMENT COMMUNITIES: INTEGRATED SAMPLING FOR ECOLOGICAL INTERPRETATION. , 2004, 14, 1203-1216.		70
48	Adult infauna as facilitators of colonization on intertidal sandflats. <i>Journal of Experimental Marine Biology and Ecology</i> , 1992, 159, 253-265.	1.5	69
49	Ecosystem Services Transcend Boundaries: Estuaries Provide Resource Subsidies and Influence Functional Diversity in Coastal Benthic Communities. <i>PLoS ONE</i> , 2012, 7, e42708.	2.5	69
50	Context-Specific Bioturbation Mediates Changes to Ecosystem Functioning. <i>Ecosystems</i> , 2011, 14, 1096-1109.	3.4	67
51	When small changes matter: the role of cross-scale interactions between habitat and ecological connectivity in recovery. <i>Ecological Applications</i> , 2013, 23, 226-238.	3.8	67
52	Ecosystem functioning in a disturbance-recovery context: Contribution of macrofauna to primary production and nutrient release on intertidal sandflats. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 390, 6-13.	1.5	65
53	Linking Traits across Ecological Scales Determines Functional Resilience. <i>Trends in Ecology and Evolution</i> , 2019, 34, 1080-1091.	8.7	65
54	The sublittoral macrobenthic community structure of an Irish sea-lough: Effect of decomposing accumulations of seaweed. <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 96, 199-212.	1.5	64

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55	Title is missing!. <i>Hydrobiologia</i> , 1998, 375/376, 217-226.	2.0	64
56	Defining ecological indicators of trawling disturbance when everywhere that can be fished is fished: A Mediterranean case study. <i>Marine Policy</i> , 2009, 33, 472-478.	3.2	62
57	Interaction networks in coastal soft-sediments highlight the potential for change in ecological resilience. <i>Ecological Applications</i> , 2012, 22, 1213-1223.	3.8	62
58	Experimenting with ecosystem interaction networks in search of threshold potentials in real-world marine ecosystems. <i>Ecology</i> , 2014, 95, 1451-1457.	3.2	62
59	Accounting for local scale variability in benthos: implications for future assessments of latitudinal trends in the coastal Ross Sea. <i>Antarctic Science</i> , 2006, 18, 633-644.	0.9	61
60	Macrobenthic community composition of six intertidal sandflats in Manukau Harbour, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1990, 24, 81-96.	2.0	60
61	β -Diversity and Species Accumulation in Antarctic Coastal Benthos: Influence of Habitat, Distance and Productivity on Ecological Connectivity. <i>PLoS ONE</i> , 2010, 5, e11899.	2.5	59
62	FEEDBACKS BETWEEN BIVALVE DENSITY, FLOW, AND SUSPENDED SEDIMENT CONCENTRATION ON PATCH STABLE STATES. <i>Ecology</i> , 2006, 87, 2862-2870.	3.2	58
63	Changes in the location of biodiversity-ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162861.	2.6	58
64	Benthic faunal responses to variations in patch density and patch size of a suspension-feeding bivalve. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 171-189.	1.5	56
65	The effects of short-term increases in turbidity on sandflat microphytobenthic productivity and nutrient fluxes. <i>Journal of Sea Research</i> , 2014, 92, 170-177.	1.6	53
66	Macrofaunal Functional Diversity Provides Resilience to Nutrient Enrichment in Coastal Sediments. <i>Ecosystems</i> , 2017, 20, 1324-1336.	3.4	52
67	Same pattern, different mechanism: Locking onto the role of key species in seafloor ecosystem process. <i>Scientific Reports</i> , 2016, 6, 26678.	3.3	49
68	Conditional responses to increasing scales of disturbance, and potential implications for threshold dynamics in soft-sediment communities. <i>Marine Ecology - Progress Series</i> , 2010, 413, 253-266.	1.9	46
69	Overcoming the challenges of data scarcity in mapping marine ecosystem service potential. <i>Ecosystem Services</i> , 2014, 8, 44-55.	5.4	44
70	Macroalgal photosynthesis near the southern global limit for growth; Cape Evans, Ross Sea, Antarctica. <i>Polar Biology</i> , 2003, 26, 789-799.	1.2	42
71	Effects of Polyester Microfibers on Microphytobenthos and Sediment-Dwelling Infauna. <i>Environmental Science & Technology</i> , 2020, 54, 7970-7982.	10.0	42
72	Simplifying the complex: an "Ecosystem Principles Approach"™ to goods and services management in marine coastal ecosystems. <i>Marine Ecology - Progress Series</i> , 2011, 434, 291-301.	1.9	41

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73	Habitat dependence in the functional traits of <i>Austrohelice crassa</i> , a key bioturbating species. <i>Marine Ecology - Progress Series</i> , 2010, 414, 179-193.	1.9	39
74	Habitat complexity and predation risk determine juvenile snapper (<i>Pagrus auratus</i>) and goatfish (<i>Upeneichthys lineatus</i>) behaviour and distribution. <i>Marine and Freshwater Research</i> , 2007, 58, 1144.	1.3	38
75	The up-scaling of ecosystem functions in a heterogeneous world. <i>Scientific Reports</i> , 2015, 5, 10349.	3.3	38
76	Disturbance of sandflats by thin terrigenous sediment deposits: consequences for primary production and nutrient cycling. , 2011, 21, 416-426.		37
77	Massive icebergs, alteration in primary food resources and change in benthic communities at Cape Evans, Antarctica. <i>Marine Ecology</i> , 2011, 32, 289-299.	1.1	37
78	Empirical evidence of an approaching alternate state produced by intrinsic community dynamics, climatic variability and management actions. <i>Marine Ecology - Progress Series</i> , 2010, 413, 267-276.	1.9	37
79	Cumulative stressors reduce the self-regulating capacity of coastal ecosystems. <i>Ecological Applications</i> , 2021, 31, e02223.	3.8	36
80	Effective Long-term Ecological Monitoring Using Spatially and Temporally Nested Sampling. <i>Environmental Monitoring and Assessment</i> , 2007, 133, 295-307.	2.7	35
81	Enhancing the Ecological Significance of Sediment Contamination Guidelines through Integration with Community Analysis. <i>Environmental Science & Technology</i> , 2009, 43, 2118-2123.	10.0	35
82	Tracking environmental stress gradients using three biotic integrity indices: Advantages of a locally-developed traits-based approach. <i>Ecological Indicators</i> , 2013, 34, 560-570.	6.3	35
83	Complex Positive Connections between Functional Groups Are Revealed by Neural Network Analysis of Ecological Time Series. <i>American Naturalist</i> , 2008, 171, 669-677.	2.1	34
84	Limited transport and recolonization potential in shallow tidal estuaries. <i>Limnology and Oceanography</i> , 2004, 49, 386-395.	3.1	33
85	Assessing ecological community health in coastal estuarine systems impacted by multiple stressors. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 176-187.	1.5	33
86	Interactions between disturbance and dispersal reduce persistence thresholds in a benthic community. <i>Marine Ecology - Progress Series</i> , 2010, 413, 217-228.	1.9	33
87	Mapping functional groups can provide insight into ecosystem functioning and potential resilience of intertidal sandflats. <i>Marine Ecology - Progress Series</i> , 2016, 548, 1-10.	1.9	33
88	Ecological role of <i>Phyllophora antarctica</i> drift accumulations in coastal soft-sediment communities of McMurdo Sound, Antarctica. <i>Polar Biology</i> , 2004, 27, 482.	1.2	32
89	Effect of the spionid polychaete <i>Boccardia syrtis</i> on the distribution and survival of juvenile <i>Macomona liliana</i> (Bivalvia: Tellinacea). <i>Marine Biology</i> , 1996, 126, 91-98.	1.5	31
90	Macrobenthic communities of the north-western Ross Sea shelf: links to depth, sediment characteristics and latitude. <i>Antarctic Science</i> , 2010, 22, 793-804.	0.9	31

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91	Response of the microbial community to bioturbation by benthic macrofauna on intertidal flats. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 488, 44-51.	1.5	31
92	Structure of the internal boundary layer over a patch of pinnid bivalves (<i>Atrina zelandica</i>) in an estuary. <i>Journal of Marine Research</i> , 2002, 60, 121-150.	0.3	31
93	Detecting shifts in ecosystem functioning: The decoupling of fundamental relationships with increased pollutant stress on sandflats. <i>Marine Pollution Bulletin</i> , 2012, 64, 2761-2769.	5.0	30
94	Altered Sea Ice Thickness and Permanence Affects Benthic Ecosystem Functioning in Coastal Antarctica. <i>Ecosystems</i> , 2013, 16, 224-236.	3.4	30
95	Benthic responses to an Antarctic regime shift: food particle size and recruitment biology. <i>Ecological Applications</i> , 2019, 29, e01823.	3.8	30
96	BIOGENIC DISTURBANCE DETERMINES INVASION SUCCESS IN A SUBTIDAL SOFT SEDIMENT SYSTEM. <i>Ecology</i> , 2008, 89, 1299-1307.	3.2	29
97	Reconciling the influence of global climate phenomena on macrofaunal temporal dynamics at a variety of spatial scales. <i>Global Change Biology</i> , 2009, 15, 1911-1929.	9.5	29
98	Counting on β -Diversity to Safeguard the Resilience of Estuaries. <i>PLoS ONE</i> , 2013, 8, e65575.	2.5	29
99	Sedimentary Environment Influences Ecosystem Response to Nutrient Enrichment. <i>Estuaries and Coasts</i> , 2018, 41, 1994-2008.	2.2	29
100	Detecting Subtle Shifts in Ecosystem Functioning in a Dynamic Estuarine Environment. <i>PLoS ONE</i> , 2015, 10, e0133914.	2.5	28
101	Biotic interactions influence sediment erodibility on wave-exposed sandflats. <i>Marine Ecology - Progress Series</i> , 2015, 523, 15-30.	1.9	27
102	Habitat diversity relationships in rocky shore algal turf infaunal communities. <i>Marine Ecology - Progress Series</i> , 2011, 424, 119-132.	1.9	26
103	Denitrification and the Role of Macrofauna Across Estuarine Gradients in Nutrient and Sediment Loading. <i>Estuaries and Coasts</i> , 2020, 43, 1394-1405.	2.2	26
104	The legacy of past disturbance: Chronic angling impairs long-term recovery of marine epibenthic communities from acute date-mussel harvesting. <i>Biological Conservation</i> , 2010, 143, 2435-2440.	4.1	25
105	Non-sectarian scenario experiments in socio-ecological knowledge building for multi-use marine environments: Insights from New Zealand's Marine Futures project. <i>Marine Policy</i> , 2016, 67, 10-21.	3.2	25
106	Linking Ross Sea Coastal Benthic Communities to Environmental Conditions: Documenting Baselines in a Spatially Variable and Changing World. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	25
107	Recovery Dynamics in Benthic Communities: Balancing Detail with Simplification. <i>Ecological Studies</i> , 2001, , 297-316.	1.2	25
108	Patchy distributions: Optimising sample size. <i>Environmental Monitoring and Assessment</i> , 1993, 27, 95-105.	2.7	24

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109	Indirect effects of <i>Atrina zelandica</i> on water column nitrogen and oxygen fluxes: The role of benthic macrofauna and microphytes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 330, 261-273.	1.5	24
110	Small scale terrestrial clay deposits on intertidal sandflats: Behavioral changes and productivity reduction. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 413, 184-191.	1.5	24
111	Biogenic habitat transitions influence facilitation in a marine soft-sediment ecosystem. <i>Ecology</i> , 2013, 94, 136-145.	3.2	24
112	Spatial Distributions of Grazing Activity and Microphytobenthos Reveal Scale-Dependent Relationships Across a Sedimentary Gradient. <i>Estuaries and Coasts</i> , 2015, 38, 722-734.	2.2	24
113	In situ soft sediment nutrient enrichment: A unified approach to eutrophication field experiments. <i>Marine Pollution Bulletin</i> , 2016, 111, 287-294.	5.0	24
114	Dilemmas of modelling and decision-making in environmental research. <i>Environmental Modelling and Software</i> , 2018, 99, 147-155.	4.5	24
115	Terrigenous deposits in coastal marine habitats: influences on sediment geochemistry and behaviour of post-settlement bivalves. <i>Marine Ecology - Progress Series</i> , 2009, 383, 173-185.	1.9	24
116	Bioaccumulation and elimination of chlordane by selected intertidal benthic fauna. <i>Environmental Toxicology and Chemistry</i> , 1993, 12, 733-742.	4.3	23
117	The role of time and species identities in spatial patterns of species richness and conservation. <i>Conservation Biology</i> , 2016, 30, 1080-1088.	4.7	23
118	Implications of fisheries impacts to seabed biodiversity and ecosystem-based management. <i>ICES Journal of Marine Science</i> , 2016, 73, i44-i50.	2.5	23
119	Rising tides, cumulative impacts and cascading changes to estuarine ecosystem functions. <i>Scientific Reports</i> , 2017, 7, 10218.	3.3	23
120	Colonisation processes and the role of coralline algae in rocky shore community dynamics. <i>Journal of Sea Research</i> , 2015, 95, 132-138.	1.6	22
121	Macrofauna communities across a seascape of seagrass meadows: environmental drivers, biodiversity patterns and conservation implications. <i>Biodiversity and Conservation</i> , 2021, 30, 3023-3043.	2.6	22
122	Recolonization and succession in soft-sediment infaunal communities: the spatial scale of controlling factors. , 1998, , 227-240.		22
123	Conditional Responses of Benthic Communities to Interference from an Intertidal Bivalve. <i>PLoS ONE</i> , 2013, 8, e65861.	2.5	21
124	Standardising the assessment of Functional Integrity in benthic ecosystems. <i>Journal of Sea Research</i> , 2015, 98, 33-41.	1.6	21
125	Addressing surprise and uncertain futures in marine science, marine governance, and society. <i>Ecology and Society</i> , 2016, 21, .	2.3	21
126	Monitoring for tipping points in the marine environment. <i>Journal of Environmental Management</i> , 2019, 234, 131-137.	7.8	21

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127	Community structure on the floor of a sea-lough: Are large epibenthic predators important?. <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 104, 171-183.	1.5	20
128	Facilitation, interference, and scale: the spatial distribution of prey patches affects predation rates in an estuarine benthic community. <i>Marine Ecology - Progress Series</i> , 2009, 385, 127-135.	1.9	20
129	Long-term environmental monitoring for assessment of change: measurement inconsistencies over time and potential solutions. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 595.	2.7	19
130	The Problem of Scale: Uncertainties and Implications for Soft-Bottom Marine Communities and the Assessment of Human Impacts. , 1999, , 195-210.		19
131	Recruitment to the macrobenthos of <i>Macomona liliana</i> (bivalvia: Tellinidae) in Manukau Harbour, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1992, 26, 385-392.	2.0	18
132	Density and habitat dependent effects of crab burrows on sediment erodibility. <i>Journal of Sea Research</i> , 2013, 76, 94-104.	1.6	18
133	The comparison of macrobenthic recolonization patterns near and away from crab burrows on a sublittoral sand flat. <i>Journal of Marine Research</i> , 1988, 46, 669-681.	0.3	17
134	Pattern from process: it is not as easy as it looks. <i>Journal of Experimental Marine Biology and Ecology</i> , 1997, 216, 229-242.	1.5	17
135	The influence of habitat structure on juvenile fish in a New Zealand estuary. <i>Marine Ecology</i> , 2013, 34, 492-500.	1.1	16
136	Science and Societal Partnerships to Address Cumulative Impacts. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	16
137	Recovering From Bias: A Call for Further Study of Underrepresented Tropical and Lowâ€Nutrient Estuaries. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2020, 125, e2020JG005766.	3.0	16
138	Latitude versus local effects on echinoderm assemblages along the Victoria Land coast, Ross Sea, Antarctica. <i>Antarctic Science</i> , 2006, 18, 655-662.	0.9	15
139	Bottomâ€up and topâ€down mechanisms indirectly mediate interactions between benthic biotic ecosystem components. <i>Journal of Sea Research</i> , 2015, 98, 42-48.	1.6	15
140	Water Column Turbidity Not Sediment Nutrient Enrichment Moderates Microphytobenthic Primary Production. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 732.	2.6	15
141	Enhancing multiple scales of seafloor biodiversity with mussel restoration. <i>Scientific Reports</i> , 2022, 12, 5027.	3.3	15
142	The effects of thin mud deposits on the behaviour of a deposit-feeding tellinid bivalve: implications for ecosystem functioning. <i>Marine and Freshwater Behaviour and Physiology</i> , 2017, 50, 239-255.	0.9	14
143	Translating Ecological Integrity terms into operational language to inform societies. <i>Journal of Environmental Management</i> , 2018, 228, 319-327.	7.8	14
144	Unraveling ecosystem functioning in intertidal soft sediments: the role of density-driven interactions. <i>Scientific Reports</i> , 2020, 10, 11909.	3.3	14

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145	Investigating changes in estuarine ecosystem functioning under future scenarios. <i>Ecological Applications</i> , 2020, 30, e02090.	3.8	14
146	Cross-Scale Variation in Biodiversity-Environment Links Illustrated by Coastal Sandflat Communities. <i>PLoS ONE</i> , 2015, 10, e0142411.	2.5	14
147	The sublittoral macrobenthic community composition of Lough Hyne, Ireland. <i>Estuarine, Coastal and Shelf Science</i> , 1986, 23, 551-573.	2.1	13
148	Contamination on sandflats and the decoupling of linked ecological functions. <i>Austral Ecology</i> , 2011, 36, 378-388.	1.5	13
149	Unusual coastal flood impacts in Salmon Valley, McMurdo Sound, Antarctica. <i>Antarctic Science</i> , 2016, 28, 269-275.	0.9	13
150	The Challenges Associated With Connectivity in Ecosystem Processes. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	13
151	Source of organic detritus and bivalve biomass influences nitrogen cycling and extracellular enzyme activity in estuary sediments. <i>Biogeochemistry</i> , 2019, 145, 315-335.	3.5	13
152	The role of large macrofauna in mediating sediment erodibility across sedimentary habitats. <i>Limnology and Oceanography</i> , 2020, 65, 683-693.	3.1	13
153	A call to evaluate Plasticâ€™s impacts on marine benthic ecosystem interaction networks. <i>Environmental Pollution</i> , 2021, 273, 116423.	7.5	13
154	The distribution and ecological effects of microplastics in an estuarine ecosystem. <i>Environmental Pollution</i> , 2021, 288, 117731.	7.5	13
155	Interannual Variability in <i>Ostreopsis Ovata</i> Bloom Dynamic along Genoa Coast (North-Western) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	12
156	Optimization of hard clams, polychaetes, physical disturbance and denitrifying bacteria of removing nutrients in marine sediment. <i>Marine Pollution Bulletin</i> , 2016, 110, 86-92.	5.0	12
157	Loss of Large Animals Differentially Influences Nutrient Fluxes Across a Heterogeneous Marine Intertidal Soft-Sediment Ecosystem. <i>Ecosystems</i> , 2021, 24, 272-283.	3.4	12
158	Influence of restored mussel reefs on denitrification in marine sediments. <i>Journal of Sea Research</i> , 2021, 175, 102099.	1.6	12
159	Do Species' Abundances become More Spatially Variable with Stress?. <i>Open Ecology Journal</i> , 2009, 2, 37-46.	2.0	12
160	Rapid organic matter assay of organic matter degradation across depth gradients within marine sediments. <i>Methods in Ecology and Evolution</i> , 2018, 9, 245-253.	5.2	11
161	Identifying â€™vital attributesâ€™ for assessing disturbanceâ€™recovery potential of seafloor communities. <i>Ecology and Evolution</i> , 2021, 11, 6091-6103.	1.9	11
162	Informing the management of multiple stressors on estuarine ecosystems using an expert-based Bayesian Network model. <i>Journal of Environmental Management</i> , 2022, 301, 113576.	7.8	11

#	ARTICLE	IF	CITATIONS
163	The influence of mussel restoration on coastal carbon cycling. <i>Global Change Biology</i> , 2022, 28, 5269-5282.	9.5	11
164	Persistence of chlordane applied to an intertidal sandflat. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1992, 49, 129-36.	2.7	10
165	Improving fisheries management in New Zealand: Developing dialogue between fisheries science and management (FSM) and ecosystem science and management (ESM). <i>Geoforum</i> , 2008, 39, 48-61.	2.5	10
166	Sedimentation effects on the benthos of streams and estuaries: a cross-ecosystem comparison. <i>Marine and Freshwater Research</i> , 2011, 62, 1201.	1.3	10
167	Old Tools, New Ways of Using Them: Harnessing Expert Opinions to Plan for Surprise in Marine Socio-Ecological Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	10
168	Linking changes in species–trait relationships and ecosystem function using a network analysis of traits. <i>Ecological Applications</i> , 2020, 30, e02010.	3.8	10
169	Effect of Nutrient Enrichment and Turbidity on Interactions Between Microphytobenthos and a Key Bivalve: Implications for Higher Trophic Levels. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
170	Ecogeochemistry and Denitrification in Non-eutrophic Coastal Sediments. <i>Estuaries and Coasts</i> , 2021, 44, 1866-1882.	2.2	10
171	The impacts of polyethylene terephthalate microplastics (mPETs) on ecosystem functionality in marine sediment. <i>Marine Pollution Bulletin</i> , 2020, 160, 111624.	5.0	10
172	Biological traits approaches in benthic marine ecology: Dead ends and new paths. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	10
173	Fishing for facts on the environmental effects of trawling and dredge fisheries: Reply to LÅkkeborg. <i>Marine Pollution Bulletin</i> , 2007, 54, 497-500.	5.0	9
174	Population trajectories for the Antarctic bivalve <i>Laternula elliptica</i> : identifying demographic bottlenecks in differing environmental futures. <i>Polar Biology</i> , 2014, 37, 541-553.	1.2	9
175	Positive contribution of macrofaunal biodiversity to secondary production and seagrass carbon metabolism. <i>Ecology</i> , 2022, 103, e3648.	3.2	9
176	Experimental evidence suggesting slow or weak response of nematode community structure to a large suspension-feeder. <i>Journal of Sea Research</i> , 2001, 46, 69-84.	1.6	8
177	Evidence of bias in assessment of fisheries management impacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4901-E4902.	7.1	8
178	Porewater nutrient enrichment alters benthic-pelagic coupling on intertidal sandflats. <i>Journal of Sea Research</i> , 2020, 159, 101876.	1.6	8
179	Predicting habitat suitability of filter-feeder communities in a shallow marine environment, New Zealand. <i>Marine Environmental Research</i> , 2021, 163, 105218.	2.5	8
180	The impact of cumulative stressor effects on uncertainty and ecological risk. <i>Science of the Total Environment</i> , 2022, 842, 156877.	8.0	8

#	ARTICLE	IF	CITATIONS
181	Does the use of biological traits predict a smooth landscape of ecosystem functioning?. <i>Ecology and Evolution</i> , 2020, 10, 10395-10407.	1.9	7
182	Co-occurrence patterns and the large-scale spatial structure of benthic communities in seagrass meadows and bare sand. <i>BMC Ecology</i> , 2020, 20, 37.	3.0	7
183	Does the Size Structure of Venerid Clam Populations Affect Ecosystem Functions on Intertidal Sandflats?. <i>Estuaries and Coasts</i> , 2021, 44, 242-252.	2.2	7
184	Marine ecosystem science and the media: Exploring ways to improve news coverage through journalist-scientist working relations. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	2.0	7
185	Inclusion of biotic variables improves predictions of environmental niche models. <i>Diversity and Distributions</i> , 2022, 28, 1373-1390.	4.1	7
186	Uptake of chlordane by a deposit-feeding bivalve: Does the depth of sediment contamination make a difference?. <i>Environmental Toxicology and Chemistry</i> , 1994, 13, 1535-1541.	4.3	6
187	Fluxes of Organic Carbon in Manukau Harbour, New Zealand. <i>Estuaries and Coasts</i> , 1998, 21, 560.	1.7	6
188	The multiple roles of β -diversity help untangle community assembly processes affecting recovery of temperate rocky shores. <i>Royal Society Open Science</i> , 2018, 5, 171700.	2.4	6
189	Advancing approaches for understanding the nature-people link. <i>Ecological Complexity</i> , 2020, 44, 100877.	2.9	6
190	Beyond the single index: Investigating ecological mechanisms underpinning ecosystem multifunctionality with network analysis. <i>Ecology and Evolution</i> , 2021, 11, 12401-12412.	1.9	6
191	Social-ecological connections across land, water, and sea demand a reprioritization of environmental management. <i>Elementa</i> , 2022, 10, .	3.2	6
192	Macrofaunal Community Patterns of Adjacent Coastal Sediments with Wave-Reflecting or Wave-Dissipating Characteristics. <i>Journal of Coastal Research</i> , 2011, 27, 515.	0.3	5
193	Mapping the Delivery of Ecological Functions Combining Field Collected Data and Unmanned Aerial Vehicles (UAVs). <i>Ecosystems</i> , 2022, 25, 948-959.	3.4	5
194	Sensitivity of Heterogeneous Marine Benthic Habitats to Subtle Stressors. <i>PLoS ONE</i> , 2013, 8, e81646.	2.5	5
195	Stressors Increase the Impacts of Coastal Macrofauna Biodiversity Loss on Ecosystem Multifunctionality. <i>Ecosystems</i> , 2023, 26, 539-552.	3.4	5
196	A framework for multiscale intertidal sandflat mapping: A case study in the Whangateau estuary. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 169, 242-252.	11.1	4
197	Coupled effects of environment, space and ecological engineering on seafloor beta-diversity. <i>Ecography</i> , 2021, 44, 966-974.	4.5	4
198	Responses of the macrobenthic community to the Dalian Bay oil spill based on co-occurrence patterns and interaction networks. <i>Marine Pollution Bulletin</i> , 2021, 171, 112662.	5.0	4

#	ARTICLE	IF	CITATIONS
199	Why bother going outside: the role of observational studies in understanding biodiversityâ€ecosystem function relationships. , 2012, , 200-214.		4
200	Multi-scale data on intertidal macrobenthic biodiversity and environmental features in three New Zealand harbours. Earth System Science Data, 2020, 12, 293-297.	9.9	4
201	From policy to practice in developing ecologically sustainable fisheries: Reply to Valdimarsson?. Marine Pollution Bulletin, 2007, 54, 491-493.	5.0	3
202	Bacteria defend carrion from scavengers. Antarctic Science, 2019, 31, 13-15.	0.9	3
203	Sampling frequency, duration and the Southern Oscillation influence the ability of longâ€term studies to detect sudden change. Global Change Biology, 2021, 27, 2213-2224.	9.5	3
204	Communicating Drivers of Environmental Change Through Transdisciplinary Humanâ€Environment Modeling. Earth's Future, 2021, 9, e2020EF001918.	6.3	3
205	Climate cascades affect coastal Antarctic seafloor ecosystem functioning. Global Change Biology, 2021, 27, 6181-6191.	9.5	3
206	Impacts on Soft-Sediment Macrofauna. , 1996, , 49-66.		2
207	Evaluating decision-support tools for monetary valuation of ecosystem services for Marine Protected Areas. Ocean and Coastal Management, 2021, 215, 105951.	4.4	2
208	Microplastics interact with benthic biostabilization processes. Environmental Research Letters, 2021, 16, 124058.	5.2	2
209	An <sc>RGBâ€D</sc> framework for capturing softâ€sediment microtopography. Methods in Ecology and Evolution, 2022, 13, 1730-1745.	5.2	2
210	Communicating complex marine science: Does media format matter?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1772-1790.	2.0	1
211	Continental-shelf benthic ecosystems: prospects for an improved environmental future. , 0, , 295-308.		1
212	Scaling-up ecosystem functions of coastal heterogeneous sediments: testing practices using high resolution data. Landscape Ecology, 2022, 37, 1603-1614.	4.2	1
213	The Dayton legacy: baselines, benchmarks, climate, disturbance and proof. Marine Ecology, 2011, 32, 261-265.	1.1	0