Simon F Thrush

List of Publications by Year
in descending order

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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	Stressors Increase the Impacts of Coastal Macrofauna Biodiversity Loss on Ecosystem Multifunctionality. Ecosystems, 2023, 26, 539-552.	3.4	5
2	Mapping the Delivery of Ecological Functions Combining Field Collected Data and Unmanned Aerial Vehicles (UAVs). Ecosystems, 2022, 25, 948-959.	3.4	5
3	Informing the management of multiple stressors on estuarine ecosystems using an expert-based Bayesian Network model. Journal of Environmental Management, 2022, 301, 113576.	7.8	11
4	Positive contribution of macrofaunal biodiversity to secondary production and seagrass carbon metabolism. Ecology, 2022, 103, e3648.	3.2	9
5	Enhancing multiple scales of seafloor biodiversity with mussel restoration. Scientific Reports, 2022, 12, 5027.	3.3	15
6	Scaling-up ecosystem functions of coastal heterogeneous sediments: testing practices using high resolution data. Landscape Ecology, 2022, 37, 1603-1614.	4.2	1
7	An <scp>RGBâ€Ð</scp> framework for capturing softâ€sediment microtopography. Methods in Ecology and Evolution, 2022, 13, 1730-1745.	5.2	2
8	Inclusion of biotic variables improves predictions of environmental niche models. Diversity and Distributions, 2022, 28, 1373-1390.	4.1	7
9	The influence of mussel restoration on coastal carbon cycling. Global Change Biology, 2022, 28, 5269-5282.	9.5	11
10	Biological traits approaches in benthic marine ecology: Dead ends and new paths. Ecology and Evolution, 2022, 12, .	1.9	10
11	The impact of cumulative stressor effects on uncertainty and ecological risk. Science of the Total Environment, 2022, 842, 156877.	8.0	8
12	Socialâ€“ecological connections across land, water, and sea demand a reprioritization of environmental management. Elementa, 2022, 10, .	3.2	6
13	Loss of Large Animals Differentially Influences Nutrient Fluxes Across a Heterogeneous Marine Intertidal Soft-Sediment Ecosystem. Ecosystems, 2021, 24, 272-283.	3.4	12
14	Does the Size Structure of Venerid Clam Populations Affect Ecosystem Functions on Intertidal Sandflats?. Estuaries and Coasts, 2021, 44, 242-252.	2.2	7
15	Cumulative stressors reduce the selfâ€regulating capacity of coastal ecosystems. Ecological Applications, 2021, 31, e02223.	3.8	36
16	Predicting habitat suitability of filter-feeder communities in a shallow marine environment, New Zealand. Marine Environmental Research, 2021, 163, 105218.	2.5	8
17	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
18	Ecogeochemistry and Denitrification in Non-eutrophic Coastal Sediments. Estuaries and Coasts, 2021, 44, 1866-1882.	2.2	10

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19	Coupled effects of environment, space and ecological engineering on seafloor betaâ€diversity. Ecography, 2021, 44, 966-974.	4.5	4
20	A call to evaluate Plasticâ€™s impacts on marine benthic ecosystem interaction networks. Environmental Pollution, 2021, 273, 116423.	7.5	13
21	Communicating complex marine science: Does media format matter?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1772-1790.	2.0	1
22	Identifying â€œvital attributesâ€•for assessing disturbanceâ€“recovery potential of seafloor communities. Ecology and Evolution, 2021, 11, 6091-6103.	1.9	11
23	Macrofauna communities across a seascape of seagrass meadows: environmental drivers, biodiversity patterns and conservation implications. Biodiversity and Conservation, 2021, 30, 3023-3043.	2.6	22
24	Beyond the single index: Investigating ecological mechanisms underpinning ecosystem multifunctionality with network analysis. Ecology and Evolution, 2021, 11, 12401-12412.	1.9	6
25	Communicating Drivers of Environmental Change Through Transdisciplinary Humanâ€Environment Modeling. Earth's Future, 2021, 9, e2020EF001918.	6.3	3
26	Climate cascades affect coastal Antarctic seafloor ecosystem functioning. Global Change Biology, 2021, 27, 6181-6191.	9.5	3
27	Influence of restored mussel reefs on denitrification in marine sediments. Journal of Sea Research, 2021, 175, 102099.	1.6	12
28	Responses of the macrobenthic community to the Dalian Bay oil spill based on co-occurrence patterns and interaction networks. Marine Pollution Bulletin, 2021, 171, 112662.	5.0	4
29	The distribution and ecological effects of microplastics in an estuarine ecosystem. Environmental Pollution, 2021, 288, 117731.	7.5	13
30	Evaluating decision-support tools for monetary valuation of ecosystem services for Marine Protected Areas. Ocean and Coastal Management, 2021, 215, 105951.	4.4	2
31	Microplastics interact with benthic biostabilization processes. Environmental Research Letters, 2021, 16, 124058.	5.2	2
32	The role of microphytobenthos in softâ€sediment ecological networks and their contribution to the delivery of multiple ecosystem services. Journal of Ecology, 2020, 108, 815-830.	4.0	83
33	Linking changes in speciesâ€“trait relationships and ecosystem function using a network analysis of traits. Ecological Applications, 2020, 30, e02010.	3.8	10
34	The role of large macrofauna in mediating sediment erodibility across sedimentary habitats. Limnology and Oceanography, 2020, 65, 683-693.	3.1	13
35	Effect of Nutrient Enrichment and Turbidity on Interactions Between Microphytobenthos and a Key Bivalve: Implications for Higher Trophic Levels. Frontiers in Marine Science, 2020, 7, .	2.5	10
36	A framework for multiscale intertidal sandflat mapping: A case study in the Whangateau estuary. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 169, 242-252.	11.1	4

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37	Water Column Turbidity Not Sediment Nutrient Enrichment Moderates Microphytobenthic Primary Production. Journal of Marine Science and Engineering, 2020, 8, 732.	2.6	15
38	Unraveling ecosystem functioning in intertidal soft sediments: the role of density-driven interactions. Scientific Reports, 2020, 10, 11909.	3.3	14
39	Does the use of biological traits predict a smooth landscape of ecosystem functioning?. Ecology and Evolution, 2020, 10, 10395-10407.	1.9	7
40	Advancing approaches for understanding the nature-people link. Ecological Complexity, 2020, 44, 100877.	2.9	6
41	Effects of Polyester Microfibers on Microphytobenthos and Sediment-Dwelling Infauna. Environmental Science & Technology, 2020, 54, 7970-7982.	10.0	42
42	Recovering From Bias: A Call for Further Study of Underrepresented Tropical and Lowâ€Nutrient Estuaries. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005766.	3.0	16
43	Co-occurrence patterns and the large-scale spatial structure of benthic communities in seagrass meadows and bare sand. BMC Ecology, 2020, 20, 37.	3.0	7
44	Investigating changes in estuarine ecosystem functioning under future scenarios. Ecological Applications, 2020, 30, e02090.	3.8	14
45	Porewater nutrient enrichment alters benthic-pelagic coupling on intertidal sandflats. Journal of Sea Research, 2020, 159, 101876.	1.6	8
46	Denitrification and the Role of Macrofauna Across Estuarine Gradients in Nutrient and Sediment Loading. Estuaries and Coasts, 2020, 43, 1394-1405.	2.2	26
47	The impacts of polyethylene terephthalate microplastics (mPETs) on ecosystem functionality in marine sediment. Marine Pollution Bulletin, 2020, 160, 111624.	5.0	10
48	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
49	Linking Traits across Ecological Scales Determines Functional Resilience. Trends in Ecology and Evolution, 2019, 34, 1080-1091.	8.7	65
50	Old Tools, New Ways of Using Them: Harnessing Expert Opinions to Plan for Surprise in Marine Socio-Ecological Systems. Frontiers in Marine Science, 2019, 6, .	2.5	10
51	Source of organic detritus and bivalve biomass influences nitrogen cycling and extracellular enzyme activity in estuary sediments. Biogeochemistry, 2019, 145, 315-335.	3.5	13
52	Benthic responses to an Antarctic regime shift: food particle size and recruitment biology. Ecological Applications, 2019, 29, e01823.	3.8	30
53	Monitoring for tipping points in the marine environment. Journal of Environmental Management, 2019, 234, 131-137.	7.8	21
54	Bacteria defend carrion from scavengers. Antarctic Science, 2019, 31, 13-15.	0.9	3

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55	Rapid organic matter assay of organic matter degradation across depth gradients within marine sediments. Methods in Ecology and Evolution, 2018, 9, 245-253.	5.2	11
56	Global Carbon Cycling on a Heterogeneous Seafloor. Trends in Ecology and Evolution, 2018, 33, 96-105.	8.7	117
57	Dilemmas of modelling and decision-making in environmental research. Environmental Modelling and Software, 2018, 99, 147-155.	4.5	24
58	Linking Ross Sea Coastal Benthic Communities to Environmental Conditions: Documenting Baselines in a Spatially Variable and Changing World. Frontiers in Marine Science, 2018, 5, .	2.5	25
59	The multiple roles of Î²-diversity help untangle community assembly processes affecting recovery of temperate rocky shores. Royal Society Open Science, 2018, 5, 171700.	2.4	6
60	The Challenges Associated With Connectivity in Ecosystem Processes. Frontiers in Marine Science, 2018, 5, .	2.5	13
61	Translating Ecological Integrity terms into operational language to inform societies. Journal of Environmental Management, 2018, 228, 319-327.	7.8	14
62	Sedimentary Environment Influences Ecosystem Response to Nutrient Enrichment. Estuaries and Coasts, 2018, 41, 1994-2008.	2.2	29
63	Changes in the location of biodiversityâ€“ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162861.	2.6	58
64	Evidence of bias in assessment of fisheries management impacts. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4901-E4902.	7.1	8
65	Response of the microbial community to bioturbation by benthic macrofauna on intertidal flats. Journal of Experimental Marine Biology and Ecology, 2017, 488, 44-51.	1.5	31
66	Long-term environmental monitoring for assessment of change: measurement inconsistencies over time and potential solutions. Environmental Monitoring and Assessment, 2017, 189, 595.	2.7	19
67	The effects of thin mud deposits on the behaviour of a deposit-feeding tellinid bivalve: implications for ecosystem functioning. Marine and Freshwater Behaviour and Physiology, 2017, 50, 239-255.	0.9	14
68	Rising tides, cumulative impacts and cascading changes to estuarine ecosystem functions. Scientific Reports, 2017, 7, 10218.	3.3	23
69	Macrofaunal Functional Diversity Provides Resilience to Nutrient Enrichment in Coastal Sediments. Ecosystems, 2017, 20, 1324-1336.	3.4	52
70	Addressing surprise and uncertain futures in marine science, marine governance, and society. Ecology and Society, 2016, 21, .	2.3	21
71	Science and Societal Partnerships to Address Cumulative Impacts. Frontiers in Marine Science, 2016, 3, .	2.5	16
72	Multiple stressors, nonlinear effects and the implications of climate change impacts on marine coastal ecosystems. Global Change Biology, 2016, 22, 2665-2675.	9.5	125

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73	Unusual coastal flood impacts in Salmon Valley, McMurdo Sound, Antarctica. Antarctic Science, 2016, 28, 269-275.	0.9	13
74	Surprising episodic recruitment and growth of Antarctic sponges: Implications for ecological resilience. Journal of Experimental Marine Biology and Ecology, 2016, 482, 38-55.	1.5	84
75	In situ soft sediment nutrient enrichment: A unified approach to eutrophication field experiments. Marine Pollution Bulletin, 2016, 111, 287-294.	5.0	24
76	Optimization of hard clams, polychaetes, physical disturbance and denitrifying bacteria of removing nutrients in marine sediment. Marine Pollution Bulletin, 2016, 110, 86-92.	5.0	12
77	Same pattern, different mechanism: Locking onto the role of key species in seafloor ecosystem process. Scientific Reports, 2016, 6, 26678.	3.3	49
78	The role of time and species identities in spatial patterns of species richness and conservation. Conservation Biology, 2016, 30, 1080-1088.	4.7	23
79	Non-sectarian scenario experiments in socio-ecological knowledge building for multi-use marine environments: Insights from New Zealand's Marine Futures project. Marine Policy, 2016, 67, 10-21.	3.2	25
80	Implications of fisheries impacts to seabed biodiversity and ecosystem-based management. ICES Journal of Marine Science, 2016, 73, i44-i50.	2.5	23
81	Mapping functional groups can provide insight into ecosystem functioning and potential resilience of intertidal sandflats. Marine Ecology - Progress Series, 2016, 548, 1-10.	1.9	33
82	The up-scaling of ecosystem functions in a heterogeneous world. Scientific Reports, 2015, 5, 10349.	3.3	38
83	Detecting Subtle Shifts in Ecosystem Functioning in a Dynamic Estuarine Environment. PLoS ONE, 2015, 10, e0133914.	2.5	28
84	Improving ecosystem service frameworks to address wicked problems. Ecology and Society, 2015, 20, .	2.3	89
85	Spatial Distributions of Grazing Activity and Microphytobenthos Reveal Scale-Dependent Relationships Across a Sedimentary Gradient. Estuaries and Coasts, 2015, 38, 722-734.	2.2	24
86	Assessing ecological community health in coastal estuarine systems impacted by multiple stressors. Journal of Experimental Marine Biology and Ecology, 2015, 473, 176-187.	1.5	33
87	Bottomâ€“up and topâ€“down mechanisms indirectly mediate interactions between benthic biotic ecosystem components. Journal of Sea Research, 2015, 98, 42-48.	1.6	15
88	Colonisation processes and the role of coralline algae in rocky shore community dynamics. Journal of Sea Research, 2015, 95, 132-138.	1.6	22
89	Standardising the assessment of Functional Integrity in benthic ecosystems. Journal of Sea Research, 2015, 98, 33-41.	1.6	21
90	Cross-Scale Variation in Biodiversity-Environment Links Illustrated by Coastal Sandflat Communities. PLoS ONE, 2015, 10, e0142411.	2.5	14

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91	Biotic interactions influence sediment erodibility on wave-exposed sandflats. Marine Ecology - Progress Series, 2015, 523, 15-30.	1.9	27
92	Overcoming the challenges of data scarcity in mapping marine ecosystem service potential. Ecosystem Services, 2014, 8, 44-55.	5.4	44
93	Population trajectories for the Antarctic bivalve Laternula elliptica: identifying demographic bottlenecks in differing environmental futures. Polar Biology, 2014, 37, 541-553.	1.2	9
94	Changes in Ecosystem Function Across Sedimentary Gradients in Estuaries. Ecosystems, 2014, 17, 182-194.	3.4	85
95	Experimenting with ecosystem interaction networks in search of threshold potentials in realâ€world marine ecosystems. Ecology, 2014, 95, 1451-1457.	3.2	62
96	The effects of short-term increases in turbidity on sandflat microphytobenthic productivity and nutrient fluxes. Journal of Sea Research, 2014, 92, 170-177.	1.6	53
97	Real world biodiversityâ€“ecosystem functioning: a seafloor perspective. Trends in Ecology and Evolution, 2014, 29, 398-405.	8.7	158
98	Biogenic habitat transitions influence facilitation in a marine soft-sediment ecosystem. Ecology, 2013, 94, 136-145.	3.2	24
99	Density and habitat dependent effects of crab burrows on sediment erodibility. Journal of Sea Research, 2013, 76, 94-104.	1.6	18
100	Tracking environmental stress gradients using three biotic integrity indices: Advantages of a locally-developed traits-based approach. Ecological Indicators, 2013, 34, 560-570.	6.3	35
101	When small changes matter: the role of crossâ€scale interactions between habitat and ecological connectivity in recovery. Ecological Applications, 2013, 23, 226-238.	3.8	67
102	The influence of habitat structure on juvenile fish in a New Zealand estuary. Marine Ecology, 2013, 34, 492-500.	1.1	16
103	Altered Sea Ice Thickness and Permanence Affects Benthic Ecosystem Functioning in Coastal Antarctica. Ecosystems, 2013, 16, 224-236.	3.4	30
104	Counting on Î²-Diversity to Safeguard the Resilience of Estuaries. PLoS ONE, 2013, 8, e65575.	2.5	29
105	Conditional Responses of Benthic Communities to Interference from an Intertidal Bivalve. PLoS ONE, 2013, 8, e65861.	2.5	21
106	Sensitivity of Heterogeneous Marine Benthic Habitats to Subtle Stressors. PLoS ONE, 2013, 8, e81646.	2.5	5
107	Intermittent bioirrigation and oxygen dynamics in permeable sediments: An experimental and modeling study of three tellinid bivalves. Journal of Marine Research, 2012, 70, 794-823.	0.3	82
108	Interannual Variability in Ostreopsis Ovata Bloom Dynamic along Genoa Coast (North-Western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.9	12

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109	Interaction networks in coastal softâ€sediments highlight the potential for change in ecological resilience. Ecological Applications, 2012, 22, 1213-1223.	3.8	62
110	Detecting shifts in ecosystem functioning: The decoupling of fundamental relationships with increased pollutant stress on sandflats. Marine Pollution Bulletin, 2012, 64, 2761-2769.	5.0	30
111	Ecosystem Services Transcend Boundaries: Estuaries Provide Resource Subsidies and Influence Functional Diversity in Coastal Benthic Communities. PLoS ONE, 2012, 7, e42708.	2.5	69
112	Small scale terrestrial clay deposits on intertidal sandflats: Behavioral changes and productivity reduction. Journal of Experimental Marine Biology and Ecology, 2012, 413, 184-191.	1.5	24
113	Why bother going outside: the role of observational studies in understanding biodiversityâ€“ecosystem function relationships. , 2012, , 200-214.		4
114	Habitatâ€“diversity relationships in rocky shore algal turf infaunal communities. Marine Ecology - Progress Series, 2011, 424, 119-132.	1.9	26
115	Disturbance of sandflats by thin terrigenous sediment deposits: consequences for primary production and nutrient cycling. , 2011, 21, 416-426.		37
116	Sedimentation effects on the benthos of streams and estuaries: a cross-ecosystem comparison. Marine and Freshwater Research, 2011, 62, 1201.	1.3	10
117	Contamination on sandflats and the decoupling of linked ecological functions. Austral Ecology, 2011, 36, 378-388.	1.5	13
118	Massive icebergs, alteration in primary food resources and change in benthic communities at Cape Evans, Antarctica. Marine Ecology, 2011, 32, 289-299.	1.1	37
119	The Dayton legacy: baselines, benchmarks, climate, disturbance and proof. Marine Ecology, 2011, 32, 261-265.	1.1	0
120	Context-Specific Bioturbation Mediates Changes to Ecosystem Functioning. Ecosystems, 2011, 14, 1096-1109.	3.4	67
121	Macrofaunal Community Patterns of Adjacent Coastal Sediments with Wave-Reflecting or Wave-Dissipating Characteristics. Journal of Coastal Research, 2011, 27, 515.	0.3	5
122	Ocean Acidification at High Latitudes: Potential Effects on Functioning of the Antarctic Bivalve Laternula elliptica. PLoS ONE, 2011, 6, e16069.	2.5	142
123	Simplifying the complex: an â€˜Ecosystem Principles Approachâ€™ to goods and services management in marine coastal ecosystems. Marine Ecology - Progress Series, 2011, 434, 291-301.	1.9	41
124	Macrobenthic communities of the north-western Ross Sea shelf: links to depth, sediment characteristics and latitude. Antarctic Science, 2010, 22, 793-804.	0.9	31
125	A latent threat to biodiversity: consequences of small-scale heterogeneity loss. Biodiversity and Conservation, 2010, 19, 1315-1323.	2.6	73
126	Ecosystem functioning in a disturbance-recovery context: Contribution of macrofauna to primary production and nutrient release on intertidal sandflats. Journal of Experimental Marine Biology and Ecology, 2010, 390, 6-13.	1.5	65

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127	What Can Ecology Contribute to Ecosystem-Based Management?. Annual Review of Marine Science, 2010, 2, 419-441.	11.6	115
128	The legacy of past disturbance: Chronic angling impairs long-term recovery of marine epibenthic communities from acute date-mussel harvesting. Biological Conservation, 2010, 143, 2435-2440.	4.1	25
129	Î²-Diversity and Species Accumulation in Antarctic Coastal Benthos: Influence of Habitat, Distance and Productivity on Ecological Connectivity. PLoS ONE, 2010, 5, e11899.	2.5	59
130	Interactions between disturbance and dispersal reduce persistence thresholds in a benthic community. Marine Ecology - Progress Series, 2010, 413, 217-228.	1.9	33
131	Empirical evidence of an approaching alternate state produced by intrinsic community dynamics, climatic variability and management actions. Marine Ecology - Progress Series, 2010, 413, 267-276.	1.9	37
132	Habitat dependence in the functional traits of Austrohelice crassa, a key bioturbating species. Marine Ecology - Progress Series, 2010, 414, 179-193.	1.9	39
133	Conditional responses to increasing scales of disturbance, and potential implications for threshold dynamics in soft-sediment communities. Marine Ecology - Progress Series, 2010, 413, 253-266.	1.9	46
134	Defining ecological indicators of trawling disturbance when everywhere that can be fished is fished: A Mediterranean case study. Marine Policy, 2009, 33, 472-478.	3.2	62
135	Reconciling the influence of global climate phenomena on macrofaunal temporal dynamics at a variety of spatial scales. Global Change Biology, 2009, 15, 1911-1929.	9.5	29
136	Enhancing the Ecological Significance of Sediment Contamination Guidelines through Integration with Community Analysis. Environmental Science & Technology, 2009, 43, 2118-2123.	10.0	35
137	Forecasting the limits of resilience: integrating empirical research with theory. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3209-3217.	2.6	182
138	Do Species' Abundances become More Spatially Variable with Stress?. Open Ecology Journal, 2009, 2, 37-46.	2.0	12
139	Terrigenous deposits in coastal marine habitats: influences on sediment geochemistry and behaviour of post-settlement bivalves. Marine Ecology - Progress Series, 2009, 383, 173-185.	1.9	24
140	Facilitation, interference, and scale: the spatial distribution of prey patches affects predation rates in an estuarine benthic community. Marine Ecology - Progress Series, 2009, 385, 127-135.	1.9	20
141	Improving fisheries management in New Zealand: Developing dialogue between fisheries science and management (FSM) and ecosystem science and management (ESM). Geoforum, 2008, 39, 48-61.	2.5	10
142	Habitat variation, species diversity and ecological functioning in a marine system. Journal of Experimental Marine Biology and Ecology, 2008, 366, 116-122.	1.5	159
143	Multiple stressor effects identified from species abundance distributions: Interactions between urban contaminants and species habitat relationships. Journal of Experimental Marine Biology and Ecology, 2008, 366, 160-168.	1.5	74
144	THE EFFECTS OF HABITAT LOSS, FRAGMENTATION, AND COMMUNITY HOMOGENIZATION ON RESILIENCE IN ESTUARIES. , 2008, 18, 12-21.		145

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145	BIOGENIC DISTURBANCE DETERMINES INVASION SUCCESS IN A SUBTIDAL SOFTâ€SEDIMENT SYSTEM. Ecology, 2008, 89, 1299-1307.	3.2	29
146	Complex Positive Connections between Functional Groups Are Revealed by Neural Network Analysis of Ecological Time Series. American Naturalist, 2008, 171, 669-677.	2.1	34
147	Habitat complexity and predation risk determine juvenile snapper (Pagrus auratus) and goatfish (Upeneichthys lineatus) behaviour and distribution. Marine and Freshwater Research, 2007, 58, 1144.	1.3	38
148	Rare species, habitat diversity and functional redundancy in marine benthos. Journal of Sea Research, 2007, 58, 291-301.	1.6	95
149	TROPHIC STRUCTURE OF COASTAL ANTARCTIC FOOD WEBS ASSOCIATED WITH CHANGES IN SEA ICE AND FOOD SUPPLY. Ecology, 2007, 88, 2810-2820.	3.2	117
150	The Effect of Spatial and Temporal Heterogeneity on the Design and Analysis of Empirical Studies of Scaleâ€Dependent Systems. American Naturalist, 2007, 169, 398-408.	2.1	151
151	From policy to practice in developing ecologically sustainable fisheries: Reply to Valdimarsson?. Marine Pollution Bulletin, 2007, 54, 491-493.	5.0	3
152	Fishing for facts on the environmental effects of trawling and dredge fisheries: Reply to LÃ¸kkeborg. Marine Pollution Bulletin, 2007, 54, 497-500.	5.0	9
153	Effective Long-term Ecological Monitoring Using Spatially and Temporally Nested Sampling. Environmental Monitoring and Assessment, 2007, 133, 295-307.	2.7	35
154	PREDICTING THE EFFECTS OF HABITAT HOMOGENIZATION ON MARINE BIODIVERSITY. , 2006, 16, 1636-1642.		122
155	Broad-scale factors influencing the biodiversity of coastal benthic communities of the Ross Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 959-971.	1.4	78
156	Accounting for local scale variability in benthos: implications for future assessments of latitudinal trends in the coastal Ross Sea. Antarctic Science, 2006, 18, 633-644.	0.9	61
157	FEEDBACKS BETWEEN BIVALVE DENSITY, FLOW, AND SUSPENDED SEDIMENT CONCENTRATION ON PATCH STABLE STATES. Ecology, 2006, 87, 2862-2870.	3.2	58
158	Functional Role of Large Organisms in Intertidal Communities: Community Effects and Ecosystem Function. Ecosystems, 2006, 9, 1029-1040.	3.4	194
159	On effects of trawling, benthos and sampling design. Marine Pollution Bulletin, 2006, 52, 840-843.	5.0	73
160	Scale- and intensity-dependent disturbance determines the magnitude of opportunistic response. Journal of Experimental Marine Biology and Ecology, 2006, 330, 195-207.	1.5	86
161	Indirect effects of Atrina zelandica on water column nitrogen and oxygen fluxes: The role of benthic macrofauna and microphytes. Journal of Experimental Marine Biology and Ecology, 2006, 330, 261-273.	1.5	24
162	CONDITIONAL OUTCOMES OF FACILITATION BY A HABITATâ€MODIFYING SUBTIDAL BIVALVE. Ecology, 2006, 87, 226-234.	3.2	82

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163	Latitude versus local effects on echinoderm assemblages along the Victoria Land coast, Ross Sea, Antarctica. Antarctic Science, 2006, 18, 655-662.	0.9	15
164	Rapid reworking of subtidal sediments by burrowing spatangoid urchins. Journal of Experimental Marine Biology and Ecology, 2005, 321, 155-169.	1.5	88
165	ASSESSING AND MONITORING ECOLOGICAL COMMUNITY HEALTH IN MARINE SYSTEMS. , 2005, 15, 942-953.		80
166	THE IMPORTANCE OF SMALL-SCALE HABITAT STRUCTURE FOR MAINTAINING BETA DIVERSITY. Ecology, 2005, 86, 1619-1626.	3.2	185
167	MAPPING OF MARINE SOFT-SEDIMENT COMMUNITIES: INTEGRATED SAMPLING FOR ECOLOGICAL INTERPRETATION. , 2004, 14, 1203-1216.		70
168	Bioturbators enhance ecosystem function through complex biogeochemical interactions. Nature, 2004, 431, 1092-1095.	27.8	475
169	Ecological role of Phyllophora antarctica drift accumulations in coastal soft-sediment communities of McMurdo Sound, Antarctica. Polar Biology, 2004, 27, 482.	1.2	32
170	Limited transport and recolonization potential in shallow tidal estuaries. Limnology and Oceanography, 2004, 49, 386-395.	3.1	33
171	Macroalgal photosynthesis near the southern global limit for growth; Cape Evans, Ross Sea, Antarctica. Polar Biology, 2003, 26, 789-799.	1.2	42
172	MACROBENTHIC RECOVERY PROCESSES FOLLOWING CATASTROPHIC SEDIMENTATION ON ESTUARINE SANDFLATS. , 2003, 13, 1433-1455.		94
173	Disturbance to Marine Benthic Habitats by Trawling and Dredging: Implications for Marine Biodiversity. Annual Review of Ecology, Evolution, and Systematics, 2002, 33, 449-473.	6.7	588
174	Structure of the internal boundary layer over a patch of pinnid bivalves (<I>Atrina zelandica</I>) in an estuary. Journal of Marine Research, 2002, 60, 121-150.	0.3	31
175	Experimental evidence suggesting slow or weak response of nematode community structure to a large suspension-feeder. Journal of Sea Research, 2001, 46, 69-84.	1.6	8
176	Benthicâ€pelagic coupling and suspensionâ€feeding bivalves: Linking siteâ€specific sediment flux and biodeposition to benthic community structure. Limnology and Oceanography, 2001, 46, 2067-2072.	3.1	139
177	Recovery Dynamics in Benthic Communities: Balancing Detail with Simplification. Ecological Studies, 2001, , 297-316.	1.2	25
178	THE GENERALITY OF FIELD EXPERIMENTS: INTERACTIONS BETWEEN LOCAL AND BROAD-SCALE PROCESSES. Ecology, 2000, 81, 399-415.	3.2	91
179	Fishing impacts and the degradation or loss of habitat structure. Fisheries Management and Ecology, 1999, 6, 401-420.	2.0	190
180	Complex role of predators in structuring soft-sediment macrobenthic communities: Implications of changes in spatial scale for experimental studies. Austral Ecology, 1999, 24, 344-354.	1.5	73

#	Article	IF	Citations
181	Seagrass Patches and Landscapes: The Influence of Wind-Wave Dynamics and Hierarchical Arrangements of Spatial Structure on Macrofaunal Seagrass Communities. Estuaries and Coasts, 1999, 22, 1016.	1.7	104
182	The Problem of Scale: Uncertainties and Implications for Soft-Bottom Marine Communities and the Assessment of Human Impacts. , 1999, , 195-210.		19
183	Title is missing!. Hydrobiologia, 1998, 375/376, 227-240.	2.0	88
184	Title is missing!. Hydrobiologia, 1998, 375/376, 217-226.	2.0	64
185	Fluxes of Organic Carbon in Manukau Harbour, New Zealand. Estuaries and Coasts, 1998, 21, 560.	1.7	6
186	DISTURBANCE OF THE MARINE BENTHIC HABITAT BY COMMERCIAL FISHING: IMPACTS AT THE SCALE OF THE FISHERY. , 1998, 8, 866-879.		213
187	Seabed drag coefficient over natural beds of horse mussels (<I>Atrina zelandica</I>). Journal of Marine Research, 1998, 56, 613-637.	0.3	73
188	Recolonization and succession in soft-sediment infaunal communities: the spatial scale of controlling factors. , 1998, , 227-240.		22
189	Benthic faunal responses to variations in patch density and patch size of a suspension-feeding bivalve. Journal of Experimental Marine Biology and Ecology, 1997, 216, 171-189.	1.5	56
190	Nonlinear foraging response of a large marine predator to benthic prey: eagle ray pits and bivalves in a New Zealand sandflat. Journal of Experimental Marine Biology and Ecology, 1997, 216, 191-210.	1.5	94
191	Pattern from process: it is not as easy as it looks. Journal of Experimental Marine Biology and Ecology, 1997, 216, 229-242.	1.5	17
192	Impacts on Soft-Sediment Macrofauna. , 1996, , 49-66.		2
193	Effect of the spionid polychaeteBoccardia syrtis on the distribution and survival of juvenileMacomona liliana (Bivalvia: Tellinacea). Marine Biology, 1996, 126, 91-98.	1.5	31
194	Scale-Dependent Recolonization: The Role of Sediment Stability in a Dynamic Sandflat Habitat. Ecology, 1996, 77, 2472-2487.	3.2	188
195	Dispersal dynamics in a windâ€driven benthic system. Limnology and Oceanography, 1995, 40, 1513-1518.	3.1	107
196	Environmental effects of marine fishing. Aquatic Conservation: Marine and Freshwater Ecosystems, 1995, 5, 205-232.	2.0	602
197	Postâ€settlement movement by intertidal benthic macroinvertebrates: Do common New Zealand species drift in the water column?. New Zealand Journal of Marine and Freshwater Research, 1995, 29, 59-67.	2.0	70
198	Uptake of chlordane by a depositâ€feeding bivalve: Does the depth of sediment contamination make a difference?. Environmental Toxicology and Chemistry, 1994, 13, 1535-1541.	4.3	6

#	Article	IF	Citations
199	Impacts on Soft-Sediment Macrofauna: The Effects of Spatial Variation on Temporal Trends. , 1994, 4, 31-41.		87
200	Patchy distributions: Optimising sample size. Environmental Monitoring and Assessment, 1993, 27, 95-105.	2.7	24
201	Bioaccumulation and elimination of chlordane by selected intertidal benthic fauna. Environmental Toxicology and Chemistry, 1993, 12, 733-742.	4.3	23
202	Recruitment to the macrobenthos ofMacomona liliana(bivalvia: Tellinidae) in Manukau Harbour, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1992, 26, 385-392.	2.0	18
203	Adult infauna as facilitators of colonization on intertidal sandflats. Journal of Experimental Marine Biology and Ecology, 1992, 159, 253-265.	1.5	69
204	Persistence of chlordane applied to an intertidal sandflat. Bulletin of Environmental Contamination and Toxicology, 1992, 49, 129-36.	2.7	10
205	Spatial patterns in soft-bottom communities. Trends in Ecology and Evolution, 1991, 6, 75-79.	8.7	172
206	Macrobenthic community composition of six intertidal sandflats in Manukau Harbour, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1990, 24, 81-96.	2.0	60
207	Patterns in the spatial arrangements of polychaetes and bivalves in intertidal sandflats. Marine Biology, 1989, 102, 529-535.	1.5	93
208	The comparison of macrobenthic recolonization patterns near and away from crab burrows on a sublittoral sand flat. Journal of Marine Research, 1988, 46, 669-681.	0.3	17
209	Community structure on the floor of a sea-lough: Are large epibenthic predators important?. Journal of Experimental Marine Biology and Ecology, 1986, 104, 171-183.	1.5	20
210	The sublittoral macrobenthic community structure of an Irish sea-lough: Effect of decomposing accumulations of seaweed. Journal of Experimental Marine Biology and Ecology, 1986, 96, 199-212.	1.5	64
211	The sublittoral macrobenthic community composition of Lough Hyne, Ireland. Estuarine, Coastal and Shelf Science, 1986, 23, 551-573.	2.1	13
212	Marine ecosystem science and the media: Exploring ways to improve news coverage through journalistâ€“scientist working relations. Aquatic Conservation: Marine and Freshwater Ecosystems, 0, , .	2.0	7
213	Continental-shelf benthic ecosystems: prospects for an improved environmental future. , 0, , 295-308.		1