

Peter M J Herman

List of Publications by Year in descending order

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274
papers

19,839
citations

7069

78
h-index

13727

129
g-index

281
all docs

281
docs citations

281
times ranked

12804
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecosystem-based coastal defence in the face of global change. <i>Nature</i> , 2013, 504, 79-83.	13.7	1,178
2	The fate of intertidal microphytobenthos carbon: An in situ ¹³ C labeling study. <i>Limnology and Oceanography</i> , 2000, 45, 1224-1234.	1.6	585
3	Linking diagenetic alteration of amino acids and bulk organic matter reactivity. <i>Limnology and Oceanography</i> , 1999, 44, 1809-1814.	1.6	397
4	A model of early diagenetic processes from the shelf to abyssal depths. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1019-1040.	1.6	387
5	TRADE-OFFS RELATED TO ECOSYSTEM ENGINEERING: A CASE STUDY ON STIFFNESS OF EMERGING MACROPHYTES. <i>Ecology</i> , 2005, 86, 2187-2199.	1.5	359
6	Denitrification in marine sediments: A model study. <i>Global Biogeochemical Cycles</i> , 1996, 10, 661-673.	1.9	327
7	Vegetation causes channel erosion in a tidal landscape. <i>Geology</i> , 2007, 35, 631.	2.0	325
8	Ecology of Estuarine Macrobenthos. <i>Advances in Ecological Research</i> , 1999, , 195-240.	1.4	314
9	Spatial flow and sedimentation patterns within patches of epibenthic structures: Combining field, flume and modelling experiments. <i>Continental Shelf Research</i> , 2007, 27, 1020-1045.	0.9	300
10	Organic matter processing in tidal estuaries. <i>Marine Chemistry</i> , 2007, 106, 127-147.	0.9	286
11	Empirical relationships for use in global diagenetic models. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 327-344.	0.6	276
12	Spatial and temporal variation in benthic macrofauna and relationships with environmental variables in an estuarine, intertidal soft-sediment environment. <i>Marine Ecology - Progress Series</i> , 2002, 244, 105-124.	0.9	259
13	Impact of vegetation on flow routing and sedimentation patterns: Three-dimensional modeling for a tidal marsh. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	250
14	Stable isotopes as trophic tracers: combining field sampling and manipulative labelling of food resources for macrobenthos. <i>Marine Ecology - Progress Series</i> , 2000, 204, 79-92.	0.9	247
15	Identifying knowledge gaps hampering application of intertidal habitats in coastal protection: Opportunities & steps to take. <i>Coastal Engineering</i> , 2014, 87, 147-157.	1.7	244
16	Self-Organization and Vegetation Collapse in Salt Marsh Ecosystems. <i>American Naturalist</i> , 2005, 165, E1-E12.	1.0	242
17	Windows of opportunity: thresholds to mangrove seedling establishment on tidal flats. <i>Marine Ecology - Progress Series</i> , 2011, 440, 1-9.	0.9	242
18	Loop Walks Evolve Through Interaction Between Movement and Environmental Complexity. <i>Science</i> , 2011, 332, 1551-1553.	6.0	236

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19	DO ALTERNATE STABLE STATES OCCUR IN NATURAL ECOSYSTEMS? EVIDENCE FROM A TIDAL FLAT. <i>Ecology</i> , 2001, 82, 3449-3461.	1.5	233
20	Scale-Dependent Feedback and Regular Spatial Patterns in Young Mussel Beds. <i>American Naturalist</i> , 2005, 165, E66-E77.	1.0	232
21	Large-scale spatial patterns in estuaries: estuarine macrobenthic communities in the Schelde estuary, NW Europe. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 335-355.	0.9	226
22	Critical transitions in disturbance-driven ecosystems: identifying windows of opportunity for recovery. <i>Journal of Ecology</i> , 2014, 102, 700-708.	1.9	208
23	Experimental Evidence for Spatial Self-Organization and Its Emergent Effects in Mussel Bed Ecosystems. <i>Science</i> , 2008, 322, 739-742.	6.0	201
24	Low-Canopy Seagrass Beds Still Provide Important Coastal Protection Services. <i>PLoS ONE</i> , 2013, 8, e62413.	1.1	200
25	Bacteria and Foraminifera: key players in a short-term deep-sea benthic response to phytodetritus. <i>Marine Ecology - Progress Series</i> , 2002, 236, 23-29.	0.9	188
26	Community structure and bioturbation potential of macrofauna at four North Sea stations with contrasting food supply. <i>Marine Ecology - Progress Series</i> , 1998, 173, 67-83.	0.9	178
27	Density-dependent linkage of scale-dependent feedbacks: a flume study on the intertidal macrophyte <i>Spartina anglica</i> . <i>Oikos</i> , 2009, 118, 260-268.	1.2	171
28	Ecological significance of benthic foraminifera: 13C labelling experiments. <i>Marine Ecology - Progress Series</i> , 2000, 202, 289-295.	0.9	170
29	Benthic community structure and sediment processes on an intertidal flat: results from the ECOFLAT project. <i>Continental Shelf Research</i> , 2001, 21, 2055-2071.	0.9	164
30	Differential response of benthic meiofauna to anoxia with special reference to Foraminifera (Protista:Sarcodina). <i>Marine Ecology - Progress Series</i> , 1997, 158, 151-163.	0.9	163
31	Macrobenthic species response surfaces along estuarine gradients: prediction by logistic regression. <i>Marine Ecology - Progress Series</i> , 2002, 225, 79-95.	0.9	160
32	Impacts of Nutrient Reduction on Coastal Communities. <i>Ecosystems</i> , 2007, 10, 96-119.	1.6	157
33	On the coupling of benthic and pelagic biogeochemical models. <i>Earth-Science Reviews</i> , 2000, 51, 173-201.	4.0	152
34	The use of multiple biological traits in marine community ecology and its potential in ecological indicator development. <i>Ecological Indicators</i> , 2017, 76, 81-96.	2.6	152
35	Comparison of the linear Van den Berg/RuÅ transformation and a non-linear fit of the Langmuir isotherm applied to Cu speciation data in the estuarine environment. <i>Marine Chemistry</i> , 1995, 48, 131-142.	0.9	147
36	The benthic infauna of the North Sea: species distribution and assemblages. <i>ICES Journal of Marine Science</i> , 1992, 49, 127-143.	1.2	144

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37	Hydrodynamic forcing on salt-marsh development: Distinguishing the relative importance of waves and tidal flows. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 89, 73-88.	0.9	142
38	Phase separation explains a new class of self-organized spatial patterns in ecological systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11905-11910.	3.3	137
39	Does scale-dependent feedback explain spatial complexity in salt-marsh ecosystems?. <i>Oikos</i> , 2008, 117, 152-159.	1.2	136
40	Comparing ecosystem engineering efficiency of two plant species with contrasting growth strategies. <i>Ecology</i> , 2010, 91, 2696-2704.	1.5	136
41	Carbon flows through a benthic food web: Integrating biomass, isotope and tracer data. <i>Journal of Marine Research</i> , 2006, 64, 453-482.	0.3	135
42	Seed Dispersal of Halophytes in Tidal Salt Marshes. <i>Journal of Ecology</i> , 1995, 83, 559.	1.9	133
43	Seasonal changes in environmental variables, biomass, production and nutrient contents in two contrasting tropical intertidal seagrass beds in South Sulawesi, Indonesia. <i>Oecologia</i> , 1994, 99, 45-59.	0.9	131
44	Pattern formation at multiple spatial scales drives the resilience of mussel bed ecosystems. <i>Nature Communications</i> , 2014, 5, 5234.	5.8	127
45	Short-term mudflat dynamics drive long-term cyclic salt marsh dynamics. <i>Limnology and Oceanography</i> , 2016, 61, 2261-2275.	1.6	126
46	Dynamic response of deep-sea sediments to seasonal variations: A model. <i>Limnology and Oceanography</i> , 1996, 41, 1651-1668.	1.6	124
47	Habitat collapse due to overgrazing threatens turtle conservation in marine protected areas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132890.	1.2	123
48	Interspecific and intraspecific variation of $\delta^{13}C$ and $\delta^{15}N$ in deposit- and suspension-feeding bivalves (<i>Macoma balthica</i> and <i>Cerastoderma edule</i>): Evidence of ontogenetic changes in feeding mode of <i>Macoma balthica</i> . <i>Limnology and Oceanography</i> , 2004, 49, 408-414.	1.6	119
49	Flow hydrodynamics on a mudflat and in salt marsh vegetation: identifying general relationships for habitat characterisations. <i>Hydrobiologia</i> , 2005, 540, 259-274.	1.0	117
50	Similar rapid response to phytodetritus deposition in shallow and deep-sea sediments. <i>Journal of Marine Research</i> , 2005, 63, 457-469.	0.3	117
51	Extreme Variations of pCO ₂ and pH in a Macrophyte Meadow of the Baltic Sea in Summer: Evidence of the Effect of Photosynthesis and Local Upwelling. <i>PLoS ONE</i> , 2013, 8, e62689.	1.1	117
52	Analysis of community attributes of the benthic meiofauna of Frierfjord/Langesundfjord. <i>Marine Ecology - Progress Series</i> , 1988, 46, 171-180.	0.9	115
53	Tracing organic matter sources of estuarine tidal flat nematodes with stable carbon isotopes. <i>Marine Ecology - Progress Series</i> , 2002, 234, 127-137.	0.9	115
54	Modeling ²¹⁰ Pb-derived mixing activity in ocean margin sediments: Diffusive versus nonlocal mixing. <i>Journal of Marine Research</i> , 1996, 54, 1207-1227.	0.3	114

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55	Organism traits determine the strength of scale-dependent bio-geomorphic feedbacks: A flume study on three intertidal plant species. <i>Geomorphology</i> , 2013, 180-181, 57-65.	1.1	108
56	Seedling establishment in a dynamic sedimentary environment: a conceptual framework using mangroves. <i>Journal of Applied Ecology</i> , 2013, 50, 740-747.	1.9	106
57	Effect of oxygen on the degradability of organic matter in subtidal and intertidal sediments of the North Sea area. <i>Marine Ecology - Progress Series</i> , 2001, 215, 13-22.	0.9	106
58	Trends in biomass, density and diversity of North Sea macrofauna. <i>ICES Journal of Marine Science</i> , 1992, 49, 13-22.	1.2	103
59	Microphytobenthos biomass and community composition studied by pigment biomarkers: importance and fate in the carbon cycle of a tidal flat. <i>Journal of Sea Research</i> , 1997, 38, 59-70.	0.6	103
60	Oxygenation and organic-matter preservation in marine sediments: Direct experimental evidence from ancient organic carbon-rich deposits. <i>Geology</i> , 2005, 33, 889.	2.0	103
61	Role of physical and biological processes in sediment dynamics of a tidal flat in Westerschelde Estuary, SW Netherlands. <i>Marine Ecology - Progress Series</i> , 2004, 274, 41-56.	0.9	103
62	Sulfur and iron speciation in surface sediments along the northwestern margin of the Black Sea. <i>Marine Chemistry</i> , 2001, 74, 261-278.	0.9	102
63	Nitrogen dynamics in the Westerschelde estuary (SW Netherlands) estimated by means of the ecosystem model MOSES. <i>Hydrobiologia</i> , 1995, 311, 225-246.	1.0	99
64	Spatial patterns, rates and mechanisms of saltmarsh cycles (Westerschelde, The Netherlands). <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 357-368.	0.9	98
65	A Model for Early Diagenetic Processes in Sediments of the Continental Shelf of the Black Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 54, 403-421.	0.9	96
66	Seafloor ecosystem functioning: the importance of organic matter priming. <i>Marine Biology</i> , 2009, 156, 2277-2287.	0.7	93
67	Effects of shoot stiffness, shoot size and current velocity on scouring sediment from around seedlings and propagules. <i>Marine Ecology - Progress Series</i> , 2009, 388, 293-297.	0.9	93
68	Benthic-pelagic exchange of microalgae at a tidal flat. 1. Pigment analysis. <i>Marine Ecology - Progress Series</i> , 2000, 196, 59-73.	0.9	92
69	Spatial Self-Organization on Intertidal Mudflats through Biophysical Stress Divergence. <i>American Naturalist</i> , 2010, 176, E15-E32.	1.0	90
70	Wave Attenuation by Two Contrasting Ecosystem Engineering Salt Marsh Macrophytes in the Intertidal Pioneer Zone. <i>Wetlands</i> , 2011, 31, 1043-1054.	0.7	90
71	Selective feeding of <i>Eurytemora affinis</i> (Copepoda, Calanoida) in temperate estuaries: model and field observations. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 305-311.	0.9	89
72	The role of the benthic biota in sedimentary metabolism and sediment-water exchange processes in the Goban Spur area (NE Atlantic). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 3223-3243.	0.6	88

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73	Vegetation recovery in tidal marshes reveals critical slowing down under increased inundation. <i>Nature Communications</i> , 2017, 8, 15811.	5.8	86
74	Potential for landscape-scale positive interactions among tropical marine ecosystems. <i>Marine Ecology - Progress Series</i> , 2014, 503, 289-303.	0.9	86
75	Biogeochemistry of the MAximum TURbidity Zone of Estuaries (MATURE): some conclusions. <i>Journal of Marine Systems</i> , 1999, 22, 89-104.	0.9	85
76	Damming deltas: A practice of the past? Towards nature-based flood defenses. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 140, 1-6.	0.9	84
77	Carbon flows in the Westerschelde estuary (The Netherlands) evaluated by means of an ecosystem model (MOSES). <i>Hydrobiologia</i> , 1995, 311, 247-266.	1.0	81
78	Effect of dietary polyunsaturated fatty acids on reproductive output and larval growth of bivalves. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 296, 199-213.	0.7	81
79	Characterisation of surface roughness and sediment texture of intertidal flats using ERS SAR imagery. <i>Remote Sensing of Environment</i> , 2005, 98, 96-109.	4.6	80
80	Multi-scale analysis of species-environment relationships. <i>Marine Ecology - Progress Series</i> , 2005, 302, 13-26.	0.9	79
81	On the use of meiofauna in ecological monitoring: Who needs taxonomy?. <i>Marine Pollution Bulletin</i> , 1988, 19, 665-668.	2.3	76
82	Spatial Synchrony in Intertidal Benthic Algal Biomass in Temperate Coastal and Estuarine Ecosystems. <i>Ecosystems</i> , 2010, 13, 338-351.	1.6	75
83	Living in the twilight: estimating net phytoplankton growth in the Westerschelde estuary (The Tj ETQq1 1 0.784314 rgBT /Overlock 10 1277-1301.	0.8	74
84	Impacts of bottom and suspended cultures of mussels <i>Mytilus</i> spp. on the surrounding sedimentary environment and macrobenthic biodiversity. <i>Helgoland Marine Research</i> , 2009, 63, 59-74.	1.3	74
85	Macrobenthic recovery from hypoxia in an estuarine tidal mudflat. <i>Marine Ecology - Progress Series</i> , 2008, 372, 31-42.	0.9	74
86	Benthic community-mediated sediment dynamics. <i>Marine Ecology - Progress Series</i> , 2008, 372, 43-59.	0.9	74
87	Distribution and dynamics of intertidal macrobenthos predicted from remote sensing: response to microphytobenthos and environment. <i>Marine Ecology - Progress Series</i> , 2008, 367, 57-72.	0.9	73
88	Effects of mussel filtering activity on boundary layer structure. <i>Journal of Sea Research</i> , 2006, 55, 3-14.	0.6	70
89	Changes in seasonal succession of phytoplankton induced by the storm-surge barrier in the Oosterschelde (S.W. Netherlands). <i>Journal of Plankton Research</i> , 1990, 12, 947-972.	0.8	69
90	Estimating estuarine residence times in the Westerschelde (The Netherlands) using a box model with fixed dispersion coefficients. <i>Hydrobiologia</i> , 1995, 311, 215-224.	1.0	69

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91	FEMME, a flexible environment for mathematically modelling the environment. <i>Ecological Modelling</i> , 2002, 151, 177-193.	1.2	67
92	Reactive transport in surface sediments. II. Media: an object-oriented problem-solving environment for early diagenesis. <i>Computers and Geosciences</i> , 2003, 29, 301-318.	2.0	67
93	Biomechanical warfare in ecology; negative interactions between species by habitat modification. <i>Oikos</i> , 2007, 116, 742-750.	1.2	67
94	Tolerance of benthic foraminifera (Protista:Sarcodina) to hydrogen sulphide. <i>Marine Ecology - Progress Series</i> , 1998, 169, 77-86.	0.9	67
95	Enzymatically hydrolyzable amino acids in North Sea sediments and their possible implication for sediment nutritional values. <i>Journal of Marine Research</i> , 1999, 57, 109-134.	0.3	64
96	Respiration patterns in the deep ocean. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	63
97	Changes in diatom patch size distribution and degradation in a spatially self-organized intertidal mudflat ecosystem. <i>Ecology</i> , 2012, 93, 608-618.	1.5	63
98	Conditional outcome of ecosystem engineering: A case study on tussocks of the salt marsh pioneer <i>Spartina anglica</i> . <i>Geomorphology</i> , 2012, 153-154, 232-238.	1.1	62
99	Tidal flat-wetland systems as flood defenses: Understanding biogeomorphic controls. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 269-282.	0.9	62
100	Eco-Morphological Problems in the Yangtze Estuary and the Western Scheldt. <i>Wetlands</i> , 2011, 31, 1033-1042.	0.7	61
101	The Wadden Sea Region: Towards a science for sustainable development. <i>Ocean and Coastal Management</i> , 2012, 68, 4-17.	2.0	59
102	Spatial distribution in sediment characteristics and benthic activity on the northwestern Black Sea shelf. <i>Marine Ecology - Progress Series</i> , 1999, 181, 25-39.	0.9	59
103	Spatial pattern of early recruitment of <i>Macoma balthica</i> (L.) and <i>Cerastoderma edule</i> (L.) in relation to sediment dynamics on a highly dynamic intertidal sandflat. <i>Journal of Sea Research</i> , 2001, 45, 79-93.	0.6	58
104	Alternative mechanisms alter the emergent properties of self-organization in mussel beds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2744-2753.	1.2	58
105	Tidal migration of nematodes on an estuarine tidal flat (the Molenplaat, Schelde Estuary, SW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	58
106	Top-down control inhibits spatial self-organization of a patterned landscape. <i>Ecology</i> , 2011, 92, 487-495.	1.5	57
107	Sediment segregation by biodiffusing bivalves. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 379-391.	0.9	56
108	Organism-Sediment Interactions Govern Post-Hypoxia Recovery of Ecosystem Functioning. <i>PLoS ONE</i> , 2012, 7, e49795.	1.1	56

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109	Maintaining Tropical Beaches with Seagrass and Algae: A Promising Alternative to Engineering Solutions. <i>BioScience</i> , 2019, 69, 136-142.	2.2	56
110	Tidal flat nematode responses to hypoxia and subsequent macrofauna-mediated alterations of sediment properties. <i>Marine Ecology - Progress Series</i> , 2009, 381, 189-197.	0.9	56
111	Composition, distribution, biomass and production of North Sea meiofauna. <i>Journal of Sea Research</i> , 1990, 26, 333-342.	1.0	55
112	Regression-based synergy of optical, shortwave infrared and microwave remote sensing for monitoring the grain-size of intertidal sediments. <i>Remote Sensing of Environment</i> , 2007, 111, 89-106.	4.6	55
113	Behavioral self-organization underlies the resilience of a coastal ecosystem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8035-8040.	3.3	55
114	Predation rates and prey selectivity in two predacious estuarine nematode species. <i>Marine Ecology - Progress Series</i> , 2000, 205, 185-193.	0.9	55
115	How superdiffusion gets arrested: ecological encounters explain shift from Lévy to Brownian movement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132605.	1.2	54
116	The European Marine Observation and Data Network (EMODnet): Visions and Roles of the Gateway to Marine Data in Europe. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	53
117	Nematode distribution in ocean margin sediments of the Goban Spur (northeast Atlantic) in relation to sediment geochemistry. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 1671-1683.	0.6	52
118	Impacts of salt marsh plants on tidal channel initiation and inheritance. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 385-400.	1.0	51
119	Demography of the ecosystem engineer <i>Crassostrea gigas</i> , related to vertical reef accretion and reef persistence. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 154, 224-233.	0.9	51
120	Predicting macrofaunal species distributions in estuarine gradients using logistic regression and classification systems. <i>Marine Ecology - Progress Series</i> , 2006, 316, 69-83.	0.9	51
121	Potential for Sudden Shifts in Transient Systems: Distinguishing Between Local and Landscape-Scale Processes. <i>Ecosystems</i> , 2008, 11, 1133-1141.	1.6	50
122	Zooming in and out: Scale dependence of extrinsic and intrinsic factors affecting salt marsh erosion. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1455-1470.	1.0	50
123	SMOES: a simulation model for the Oosterschelde ecosystem. <i>Hydrobiologia</i> , 1994, 282-283, 437-451.	1.0	49
124	Nitrate and Phosphate Affect Cultivability of Cyanobacteria from Environments with Low Nutrient Levels. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3379-3383.	1.4	49
125	The influence of local- and landscape-scale processes on spatial self-organization in estuarine ecosystems. <i>Journal of Experimental Biology</i> , 2012, 215, 962-967.	0.8	48
126	Numerical modelling of the shelf break ecosystem: reproducing benthic and pelagic measurements. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 3141-3177.	0.6	47

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127	Organisation of microbenthic communities in intertidal Estuarine flats, a case study from the molenplaat (Westerschelde estuary, The Netherlands). <i>European Journal of Protistology</i> , 1998, 34, 308-320.	0.5	46
128	Phase separation driven by density-dependent movement: A novel mechanism for ecological patterns. <i>Physics of Life Reviews</i> , 2016, 19, 107-121.	1.5	46
129	Studies of the life-history and energetics of marine and brackish-water nematodes. <i>Oecologia</i> , 1988, 77, 457-463.	0.9	45
130	Studies of the life-history and energetics of marine and brackish-water nematodes. <i>Oecologia</i> , 1988, 77, 296-301.	0.9	43
131	Spatial distribution of detrital resources determines the outcome of competition between bacteria and a facultative detritivorous worm. <i>Limnology and Oceanography</i> , 2009, 54, 1413-1419.	1.6	43
132	Cross-shore gradients of physical disturbance in mangroves: implications for seedling establishment. <i>Biogeosciences</i> , 2013, 10, 5411-5419.	1.3	43
133	Monitoring meiobenthos using cm-, m- and km-scales in the Southern Bight of the North Sea. <i>Marine Environmental Research</i> , 1997, 43, 265-278.	1.1	42
134	Seed arrival and persistence at the tidal mudflat: identifying key processes for pioneer seedling establishment in salt marshes. <i>Marine Ecology - Progress Series</i> , 2014, 513, 97-109.	0.9	42
135	Evaluation of the nitrogen isotope pairing method for measuring benthic denitrification: A simulation analysis. <i>Limnology and Oceanography</i> , 1996, 41, 1839-1844.	1.6	39
136	A new trend in the development of the phytoplankton in the Oosterschelde (SW Netherlands) during and after the construction of a storm-surge barrier. <i>Hydrobiologia</i> , 1994, 282-283, 79-100.	1.0	38
137	The meiobenthos of the North Sea: density, biomass trends and distribution of copepod communities. <i>ICES Journal of Marine Science</i> , 1992, 49, 23-44.	1.2	37
138	Comparison of Models Describing Light Dependence of N ₂ Fixation in Heterocystous Cyanobacteria. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4679-4683.	1.4	37
139	Modeling bio-geomorphological influences for offshore sandwaves. <i>Continental Shelf Research</i> , 2009, 29, 1289-1301.	0.9	37
140	Spatial organisation and biomass development after relaying of mussel seed. <i>Journal of Sea Research</i> , 2014, 85, 395-403.	0.6	37
141	A model to assess microphytobenthic primary production in tidal systems using satellite remote sensing. <i>Remote Sensing of Environment</i> , 2018, 211, 129-145.	4.6	37
142	Growth and respiration of <i>Cyprideis torosa</i> Jones 1850 (Crustacea Ostracoda). <i>Oecologia</i> , 1982, 54, 300-303.	0.9	36
143	Major biological processes in European tidal estuaries: a synthesis of the JEEP-92 Project. <i>Hydrobiologia</i> , 1995, 311, 1-7.	1.0	36
144	Limits to seaward expansion of mangroves: Translating physical disturbance mechanisms into seedling survival gradients. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 467, 16-25.	0.7	36

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145	Interactions between plant traits and sediment characteristics influencing species establishment and scale-dependent feedbacks in salt marsh ecosystems. <i>Geomorphology</i> , 2015, 250, 298-307.	1.1	36
146	Guidelines for evaluating performance of oyster habitat restoration should include tidal emersion: reply to Baggett et al.. <i>Restoration Ecology</i> , 2016, 24, 4-7.	1.4	36
147	Assessing organic matter mineralization, degradability and mixing rate in an ocean margin sediment (Northeast Atlantic) by diagenetic modeling. <i>Journal of Marine Research</i> , 1998, 56, 519-534.	0.3	36
148	Do immigrants from Turkey, Pakistan and Yugoslavia receive adequate medical treatment with beta-blockers and statins after acute myocardial infarction compared with Danish-born residents? A register-based follow-up study. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 735-742.	0.8	35
149	Application of non-linear quantile regression to macrozoobenthic species distribution modelling: comparing two contrasting basins. <i>Marine Ecology - Progress Series</i> , 2013, 475, 119-133.	0.9	35
150	Image analysis techniques: A tool for the identification of bivalve larvae?. <i>Journal of Sea Research</i> , 2005, 54, 151-162.	0.6	34
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