

Peter M J Herman

List of Publications by Year in descending order

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Version: 2024-02-01

274
papers

19,839
citations

7087

78
h-index

13758

129
g-index

281
all docs

281
docs citations

281
times ranked

12804
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Decadal Salt Marsh Development: Variability of the Salt Marsh Edge Under Influence of Waves and Sediment Availability. <i>Water Resources Research</i> , 2022, 58, .	1.7	22
2	A probabilistic framework for windows of opportunity: the role of temporal variability in critical transitions. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20220041.	1.5	6
3	Tropical Biogeomorphic Seagrass Landscapes for Coastal Protection: Persistence and Wave Attenuation During Major Storms Events. <i>Ecosystems</i> , 2021, 24, 301-318.	1.6	24
4	Conservation Implications of Sabellaria spinulosa Reef Patches in a Dynamic Sandy-Bottom Environment. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
5	A Mega-Nourishment (Sand Motor) Affects Landscape Diversity of Subtidal Benthic Fauna. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
6	Mapping Mangrove Opportunities with Open Access Data: A Case Study for Bangladesh. <i>Sustainability</i> , 2021, 13, 8212.	1.6	4
7	Plant traits determining biogeomorphic landscape dynamics: A study on clonal expansion strategies driving cliff formation at marsh edges. <i>Limnology and Oceanography</i> , 2021, 66, 3754-3767.	1.6	5
8	Beyond connecting the dots: A multi-scale, multi-resolution approach to marine habitat mapping. <i>Ecological Indicators</i> , 2021, 128, 107849.	2.6	4
9	Online-coupling of widely-ranged timescales to model coral reef development. <i>Environmental Modelling and Software</i> , 2021, 143, 105103.	1.9	1
10	Salt marsh establishment in poorly consolidated muddy systems: effects of surface drainage, elevation, and plant age. <i>Ecosphere</i> , 2021, 12, e03755.	1.0	6
11	Modelling spatial and temporal patterns in bioturbator effects on sediment resuspension: A biophysical metabolic approach. <i>Science of the Total Environment</i> , 2021, 792, 148215.	3.9	14
12	Water motion and vegetation control the pH dynamics in seagrass-dominated bays. <i>Limnology and Oceanography</i> , 2020, 65, 349-362.	1.6	11
13	Wave effects on seedling establishment of three pioneer marsh species: survival, morphology and biomechanics. <i>Annals of Botany</i> , 2020, 125, 345-352.	1.4	31
14	Exploring the Trophic Spectrum: Placing Mixoplankton Into Marine Protist Communities of the Southern North Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
15	The potential of coastal ecosystems to mitigate the impact of sea-level rise in shallow tropical bays. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 246, 107050.	0.9	11
16	Spatial variability in macrofaunal diet composition and grazing pressure on microphytobenthos in intertidal areas. <i>Limnology and Oceanography</i> , 2020, 65, 2819-2834.	1.6	13
17	Variations in storm-induced bed level dynamics across intertidal flats. <i>Scientific Reports</i> , 2020, 10, 12877.	1.6	13
18	Measuring Centimeter-Scale Sand Ripples Using Multibeam Echosounder Backscatter Data from the Brown Bank Area of the Dutch Continental Shelf. <i>Geosciences (Switzerland)</i> , 2020, 10, 495.	1.0	4

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19	Seagrass coastal protection services reduced by invasive species expansion and megaherbivore grazing. <i>Journal of Ecology</i> , 2020, 108, 2025-2037.	1.9	23
20	Biological and physical drivers of bio-mediated sediment resuspension: A flume study on <i>Cerastoderma edule</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2020, 241, 106824.	0.9	21
21	Seasonal and Spatial Variability in Patchiness of Microphytobenthos on Intertidal Flats From Sentinel-2 Satellite Imagery. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	16
22	Linking the morphology and ecology of subtidal soft-bottom marine benthic habitats: A novel multiscale approach. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 238, 106687.	0.9	13
23	Sediment Disposals in Estuarine Channels Alter the Eco-Morphology of Intertidal Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005432.	1.0	9
24	Benthic Species Distribution Linked to Morphological Features of a Barred Coast. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 16.	1.2	9
25	Ecosystem engineering creates a new path to resilience in plants with contrasting growth strategies. <i>Oecologia</i> , 2019, 191, 1015-1024.	0.9	3
26	Sandification vs. muddification of tidal flats by benthic organisms: A flume study. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 228, 106355.	0.9	15
27	A process based model of cohesive sediment resuspension under bioturbators' influence. <i>Science of the Total Environment</i> , 2019, 670, 18-30.	3.9	25
28	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
29	Maintaining Tropical Beaches with Seagrass and Algae: A Promising Alternative to Engineering Solutions. <i>BioScience</i> , 2019, 69, 136-142.	2.2	56
30	Discovery of <i>Sabellaria spinulosa</i> reefs in an intensively fished area of the Dutch Continental Shelf, North Sea. <i>Journal of Sea Research</i> , 2019, 144, 85-94.	0.6	21
31	Conditional effects of tides and waves on short-term marsh sedimentation dynamics. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2243-2255.	1.2	6
32	The combined influence of body size and density on cohesive sediment resuspension by bioturbators. <i>Scientific Reports</i> , 2018, 8, 3831.	1.6	19
33	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
34	Shellfish Reefs Increase Water Storage Capacity on Intertidal Flats Over Extensive Spatial Scales. <i>Ecosystems</i> , 2018, 21, 360-372.	1.6	4
35	Seasonal and latitudinal variation in seagrass mechanical traits across Europe: The influence of local nutrient status and morphometric plasticity. <i>Limnology and Oceanography</i> , 2018, 63, 37-46.	1.6	22
36	Latitudinal Patterns in European Seagrass Carbon Reserves: Influence of Seasonal Fluctuations versus Short-Term Stress and Disturbance Events. <i>Frontiers in Plant Science</i> , 2018, 9, 88.	1.7	18

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37	Tidal flat-wetland systems as flood defenses: Understanding biogeomorphic controls. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 269-282.	0.9	62
38	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
39	Long-term trends in nutrient budgets of the western Dutch Wadden Sea (1976–2012). <i>Journal of Sea Research</i> , 2017, 127, 82-94.	0.6	11
40	Hydrodynamic conditioning of diversity and functional traits in subtidal estuarine macrozoobenthic communities. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 197, 80-92.	0.9	28
41	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
42	Vegetation recovery in tidal marshes reveals critical slowing down under increased inundation. <i>Nature Communications</i> , 2017, 8, 15811.	5.8	86
43	A modeling approach to assess coastal management effects on benthic habitat quality: A case study on coastal defense and navigability. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 184, 67-82.	0.9	29
44	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
45	Population dynamics of subtidal blue mussels <i>Mytilus edulis</i> and the impact of cultivation. <i>Aquaculture Environment Interactions</i> , 2017, 9, 155-168.	0.7	14
46	Response of intertidal benthic macrofauna to migrating megaripples and hydrodynamics. <i>Marine Ecology - Progress Series</i> , 2017, 585, 17-30.	0.9	12
47	Short-term mudflat dynamics drive long-term cyclic salt marsh dynamics. <i>Limnology and Oceanography</i> , 2016, 61, 2261-2275.	1.6	126
48	Sprouting as a gardening strategy to obtain superior supplementary food: evidence from a seed-caching marine worm. <i>Ecology</i> , 2016, 97, 3278-3284.	1.5	19
49	Interactive effects between physical forces and ecosystem engineers on seed burial: a case study using <i>Spartina anglica</i> . <i>Oikos</i> , 2016, 125, 98-106.	1.2	20
50	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
51	The exchange of dissolved nutrients between the water column and substrate pore-water due to hydrodynamic adjustment at seagrass meadow edges: A flume study. <i>Limnology and Oceanography</i> , 2016, 61, 2286-2295.	1.6	5
52	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
53	Bridging physics and biology. <i>Physics of Life Reviews</i> , 2016, 19, 142-146.	1.5	2
54	On the potential of plant species invasion influencing biogeomorphic landscape formation in salt marshes. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 2047-2057.	1.2	26

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55	Effect of seeding density on biomass production in mussel bottom culture. <i>Journal of Sea Research</i> , 2016, 110, 8-15.	0.6	27
56	Understanding seagrass resilience in temperate systems: the importance of timing of the disturbance. <i>Ecological Indicators</i> , 2016, 66, 190-198.	2.6	10
57	Niche dimension differs among life-history stages of Pacific oysters in intertidal environments. <i>Marine Ecology - Progress Series</i> , 2016, 562, 113-122.	0.9	5
58	Remote Sensing of Epibenthic Shellfish Using Synthetic Aperture Radar Satellite Imagery. <i>Remote Sensing</i> , 2015, 7, 3710-3734.	1.8	20
59	Particulate Matter in Mangrove Forests and Seagrass Beds as a Nitrogen Source in Tropical Coastal Ecosystems. <i>Biotropica</i> , 2015, 47, 286-291.	0.8	5
60	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
61	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
62	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
63	A Mixed Modeling Approach to Predict the Effect of Environmental Modification on Species Distributions. <i>PLoS ONE</i> , 2014, 9, e89131.	1.1	20
64	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
65	Critical transitions in disturbance-driven ecosystems: identifying windows of opportunity for recovery. <i>Journal of Ecology</i> , 2014, 102, 700-708.	1.9	208
66	Biogenic gradients in algal density affect the emergent properties of spatially self-organized mussel beds. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140089.	1.5	11
67	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
68	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
69	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
70	Spatial organisation and biomass development after relaying of mussel seed. <i>Journal of Sea Research</i> , 2014, 85, 395-403.	0.6	37
71	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
72	Reproductive phenology of coastal marine bivalves in a seasonal environment. <i>Journal of Plankton Research</i> , 2014, 36, 1512-1527.	0.8	29

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73	Pattern formation at multiple spatial scales drives the resilience of mussel bed ecosystems. <i>Nature Communications</i> , 2014, 5, 5234.	5.8	127
74	Cover versus recovery: Contrasting responses of two indicators in seagrass beds. <i>Marine Pollution Bulletin</i> , 2014, 87, 211-219.	2.3	9
75	Long-term salt marsh vertical accretion in a tidal bay with reduced sediment supply. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 146, 14-23.	0.9	20
76	Formation and erosion of biogeomorphological structures: A model study on the tube-building polychaete <i>Lanice conchilega</i> . <i>Limnology and Oceanography</i> , 2014, 59, 1297-1309.	1.6	22
77	Tiny Is Mighty: Seagrass Beds Have a Large Role in the Export of Organic Material in the Tropical Coastal Zone. <i>PLoS ONE</i> , 2014, 9, e111847.	1.1	24
78	Leaf transport in mimic mangrove forests and seagrass beds. <i>Marine Ecology - Progress Series</i> , 2014, 498, 95-102.	0.9	15
79	Potential for landscape-scale positive interactions among tropical marine ecosystems. <i>Marine Ecology - Progress Series</i> , 2014, 503, 289-303.	0.9	86
80	Comparison of the influence of patch-scale and meadow-scale characteristics on flow within seagrass meadows: a flume study. <i>Marine Ecology - Progress Series</i> , 2014, 516, 49-59.	0.9	19
81	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
82	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
83	Ecosystem-based coastal defence in the face of global change. <i>Nature</i> , 2013, 504, 79-83.	13.7	1,178
84	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
85	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
86	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
87	Cross-shore gradients of physical disturbance in mangroves: implications for seedling establishment. <i>Biogeosciences</i> , 2013, 10, 5411-5419.	1.3	43
88	Low-Canopy Seagrass Beds Still Provide Important Coastal Protection Services. <i>PLoS ONE</i> , 2013, 8, e62413.	1.1	200
89	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
90	Near-bed gradients in particles and nutrients above a mussel bed in the Limfjorden: influence of physical mixing and mussel filtration. <i>Marine Ecology - Progress Series</i> , 2013, 490, 137-146.	0.9	22

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91	Carlo Heip (1945-2013). <i>Scientia Marina</i> , 2013, 77, 201-202.	0.3	1
92	Response to Comment on "Oxy Walks Evolve Through Interaction Between Movement and Environmental Complexity". <i>Science</i> , 2012, 335, 918-918.	6.0	31
93	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
94	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
95	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
96	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
97	The Wadden Sea Region: Towards a science for sustainable development. <i>Ocean and Coastal Management</i> , 2012, 68, 4-17.	2.0	59
98	Organism-Sediment Interactions Govern Post-Hypoxia Recovery of Ecosystem Functioning. <i>PLoS ONE</i> , 2012, 7, e49795.	1.1	56
99	Ecosystem Engineering Effects of <i>Aster tripolium</i> and <i>Salicornia procumbens</i> Salt Marsh on Macrofaunal Community Structure. <i>Estuaries and Coasts</i> , 2012, 35, 714-726.	1.0	8
100	Oxy Walks Evolve Through Interaction Between Movement and Environmental Complexity. <i>Science</i> , 2011, 332, 1551-1553.	6.0	236
101	Effects of mud sedimentation on lugworm ecosystem engineering. <i>Journal of Sea Research</i> , 2011, 65, 170-181.	0.6	15
102	Short and mid-long term effects of cockle dredging on non-target macrobenthic species: a before-after-control-impact experiment on a tidal mudflat in the Oosterschelde (The Netherlands). <i>Marine Ecology</i> , 2011, 32, 117-129.	0.4	11
103	Ciliates as engineers of phototrophic biofilms. <i>Freshwater Biology</i> , 2011, 56, 1358-1369.	1.2	17
104	Ecological evaluation of an experimental beneficial use scheme for dredged sediment disposal in shallow tidal waters. <i>Marine Pollution Bulletin</i> , 2011, 62, 99-108.	2.3	22
105	A process-based model for erosion of <i>Macoma balthica</i> -affected mud beds. <i>Continental Shelf Research</i> , 2011, 31, 527-538.	0.9	18
106	Top-down control inhibits spatial self-organization of a patterned landscape. <i>Ecology</i> , 2011, 92, 487-495.	1.5	57
107	Abiotic Factors Governing the Establishment and Expansion of Two Salt Marsh Plants in the Yangtze Estuary, China. <i>Wetlands</i> , 2011, 31, 1011-1021.	0.7	34
108	Eco-Morphological Problems in the Yangtze Estuary and the Western Scheldt. <i>Wetlands</i> , 2011, 31, 1033-1042.	0.7	61

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109	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
110	Macrobenthos abundance and distribution on a spatially patterned intertidal flat. <i>Marine Ecology - Progress Series</i> , 2011, 440, 95-103.	0.9	24
111	Windows of opportunity: thresholds to mangrove seedling establishment on tidal flats. <i>Marine Ecology - Progress Series</i> , 2011, 440, 1-9.	0.9	242
112	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
113	Spatial Synchrony in Intertidal Benthic Algal Biomass in Temperate Coastal and Estuarine Ecosystems. <i>Ecosystems</i> , 2010, 13, 338-351.	1.6	75
114	Macrobenthos recruitment success in a tidal flat: Feeding trait dependent effects of disturbance history. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 385, 79-84.	0.7	15
115	Long-term divergent tidal flat benthic community recovery following hypoxia-induced mortality. <i>Marine Pollution Bulletin</i> , 2010, 60, 178-186.	2.3	26
116	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
117	Comparing ecosystem engineering efficiency of two plant species with contrasting growth strategies. <i>Ecology</i> , 2010, 91, 2696-2704.	1.5	136
118	Spatial Self-Organization on Intertidal Mudflats through Biophysical Stress Divergence. <i>American Naturalist</i> , 2010, 176, E15-E32.	1.0	90
119	Sediment segregation by biodiffusing bivalves. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 83, 379-391.	0.9	56
120	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
121	On the parameterization of biological influences on offshore sand wave dynamics. <i>Ocean Dynamics</i> , 2009, 59, 659-670.	0.9	15
122	Seafloor ecosystem functioning: the importance of organic matter priming. <i>Marine Biology</i> , 2009, 156, 2277-2287.	0.7	93
123	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
124	Modeling bio-geomorphological influences for offshore sandwaves. <i>Continental Shelf Research</i> , 2009, 29, 1289-1301.	0.9	37
125	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
126	MODELING BIO-GEOMORPHOLOGICAL INFLUENCES FOR OFFSHORE SANDWAVES. , 2009, , .		0

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127	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
128	Distribution patterns of macrofaunal species diversity in subtidal soft sediments: biodiversity-productivity relationships from the MacroBen database. <i>Marine Ecology - Progress Series</i> , 2009, 382, 253-264.	0.9	14
129	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
130	Potential for Sudden Shifts in Transient Systems: Distinguishing Between Local and Landscape-Scale Processes. <i>Ecosystems</i> , 2008, 11, 1133-1141.	1.6	50
131	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
132	Does scale-dependent feedback explain spatial complexity in saltmarsh ecosystems?. <i>Oikos</i> , 2008, 117, 152-159.	1.2	136
133	Experimental Evidence for Spatial Self-Organization and Its Emergent Effects in Mussel Bed Ecosystems. <i>Science</i> , 2008, 322, 739-742.	6.0	201
134	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
135	Macrobenthic recovery from hypoxia in an estuarine tidal mudflat. <i>Marine Ecology - Progress Series</i> , 2008, 372, 31-42.	0.9	74
136	Benthic community-mediated sediment dynamics. <i>Marine Ecology - Progress Series</i> , 2008, 372, 43-59.	0.9	74
137	Vegetation causes channel erosion in a tidal landscape. <i>Geology</i> , 2007, 35, 631.	2.0	325
138	Plant growth strategies directly affect biogeomorphology of estuaries. , 2007, , 285-292.		1
139	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
140	Organic matter processing in tidal estuaries. <i>Marine Chemistry</i> , 2007, 106, 127-147.	0.9	286
141	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
142	Biomechanical warfare in ecology; negative interactions between species by habitat modification. <i>Oikos</i> , 2007, 116, 742-750.	1.2	67
143	Impacts of Nutrient Reduction on Coastal Communities. <i>Ecosystems</i> , 2007, 10, 96-119.	1.6	157
144	Biomechanical warfare in ecology; negative interactions between species by habitat modification. <i>Oikos</i> , 2007, 116, 742-750.	1.2	8

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145	Synoptic techniques for monitoring the response of intertidal benthic biota to an alternative dredging strategy. , 2007, , 307-311.		0
146	Turbulence levels in a flume compared to the field: Implications for larval settlement studies. Journal of Sea Research, 2006, 55, 15-29.	0.6	20
147	Effects of mussel filtering activity on boundary layer structure. Journal of Sea Research, 2006, 55, 3-14.	0.6	70
148	Observing the sick child: Part 2a Respiratory assessment. Paediatric Nursing, 2006, 18, 38-44.	0.1	9
149	Carbon flows through a benthic food web: Integrating biomass, isotope and tracer data. Journal of Marine Research, 2006, 64, 453-482.	0.3	135
150	Persistence despite omnivory: benthic communities and the discrepancy between theory and observation. Oikos, 2006, 113, 23-32.	1.2	23
151	Pieter Hendrik Nienhuis: Aquatic Ecologist and Environmental Scientist. Hydrobiologia, 2006, 565, 1-18.	1.0	6
152	Nutrient dynamics in European water systems—The management perspective emerging from ELOISE, a European cluster of Land—Ocean interaction studies. Journal of Integrative Environmental Sciences, 2006, 3, 97-112.	0.8	2
153	The significance of spatial and temporal patterns of algal mat deposition in structuring salt marsh vegetation. Journal of Vegetation Science, 2006, 17, 291.	1.1	8
154	Predicting macrofaunal species distributions in estuarine gradients using logistic regression and classification systems. Marine Ecology - Progress Series, 2006, 316, 69-83.	0.9	51
155	Pieter Hendrik Nienhuis: aquatic ecologist and environmental scientist. , 2006, , 1-18.		0
156	Group report: Methodologies to support implementation of the water framework directive. , 2005, , 137-152.		6
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