

David M Paterson

List of Publications by Year in descending order

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157
papers

9,520
citations

23500

58
h-index

43802

91
g-index

162
all docs

162
docs citations

162
times ranked

7099
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Microphytobenthos in the Functioning of Estuarine and Coastal Ecosystems. Encyclopedia of the UN Sustainable Development Goals, 2022, , 894-906.	0.0	0
2	Role of Microphytobenthos in the Functioning of Estuarine and Coastal Ecosystems. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1-13.	0.0	2
3	Ecosystem engineers drive differing microbial community composition in intertidal estuarine sediments. PLoS ONE, 2021, 16, e0240952.	1.1	12
4	Biological Cohesion as the Architect of Bed Movement Under Wave Action. Geophysical Research Letters, 2021, 48, e2020GL092137.	1.5	10
5	Ecological best practice in decommissioning: a review of scientific research. ICES Journal of Marine Science, 2020, 77, 1079-1091.	1.2	26
6	Comparing the network structure and resilience of two benthic estuarine systems following the implementation of nutrient mitigation actions. Estuarine, Coastal and Shelf Science, 2020, 244, 106059.	0.9	10
7	The role of microphytobenthos in soft sediment ecological networks and their contribution to the delivery of multiple ecosystem services. Journal of Ecology, 2020, 108, 815-830.	1.9	83
8	Biomediation of submarine sediment gravity flow dynamics. Geology, 2020, 48, 72-76.	2.0	17
9	Editorial: Advances and Challenges in Microphytobenthos Research: From Cell Biology to Coastal Ecosystem Function. Frontiers in Marine Science, 2020, 7, .	1.2	4
10	Assessing Risk of E. coli Resuspension from Intertidal Estuarine Sediments: Implications for Water Quality. International Journal of Environmental Research and Public Health, 2019, 16, 3255.	1.2	5
11	Factors affecting the spatial and temporal distribution of E. coli in intertidal estuarine sediments. Science of the Total Environment, 2019, 661, 155-167.	3.9	6
12	Chemical Dispersant Enhances Microbial Exopolymer (EPS) Production and Formation of Marine Oil/Dispersant Snow in Surface Waters of the Subarctic Northeast Atlantic. Frontiers in Microbiology, 2019, 10, 553.	1.5	11
13	Integrating field and laboratory approaches for ripple development in mixed sand-clay-EPS. Sedimentology, 2019, 66, 2749-2768.	1.6	20
14	Sediment Dynamics of Natural and Restored Bolboschoenus maritimus Saltmarsh. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	8
15	Intertidal Flats. , 2019, , 383-406.		6
16	The effect of cyclic variation of shear stress on non-cohesive sediment stabilization by microbial biofilms: the role of "biofilm precursors". Earth Surface Processes and Landforms, 2019, 44, 1471-1481.	1.2	20
17	Bedform migration in a mixed sand and cohesive clay intertidal environment and implications for bed material transport predictions. Geomorphology, 2018, 315, 17-32.	1.1	25
18	Mudflat Ecosystem Engineers and Services. , 2018, , 243-269.		14

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19	Microphytobenthic Biofilms: Composition and Interactions. , 2018, , 63-90.		12
20	Introduction: Mudflat Basics. , 2018, , 1-9.		3
21	Nondestructive 3D Imaging and Quantification of Hydrated Biofilm-Sediment Aggregates Using X-ray Microcomputed Tomography. Environmental Science & Technology, 2018, 52, 13306-13313.	4.6	30
22	Evaluation of estuarine biotic indices to assess macro-benthic structure and functioning following nutrient remediation actions: A case study on the Eden estuary Scotland. Regional Studies in Marine Science, 2018, 24, 379-391.	0.4	3
23	Temperature Driven Changes in Benthic Bacterial Diversity Influences Biogeochemical Cycling in Coastal Sediments. Frontiers in Microbiology, 2018, 9, 1730.	1.5	40
24	The role of zeta potential in the adhesion of E.Âcoli to suspended intertidal sediments. Water Research, 2018, 142, 159-166.	5.3	35
25	BioTIME: A database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography, 2018, 27, 760-786.	2.7	289
26	Form, function and physics: the ecology of biogenic stabilisation. Journal of Soils and Sediments, 2018, 18, 3044-3054.	1.5	20
27	New insights into MagPI: a promising tool to determine the adhesive capacity of biofilm on the mesoscale. Biofouling, 2018, 34, 618-629.	0.8	3
28	Hindered erosion: The biological mediation of noncohesive sediment behavior. Water Resources Research, 2017, 53, 4787-4801.	1.7	58
29	Duplex DNA barcoding allows accurate species determination of morphologically similar limpets (Patella spp.) from non-destructive sampling. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 1479-1482.	0.4	1
30	A conceptual framework for assessing the ecosystem service of waste remediation: In the marine environment. Ecosystem Services, 2016, 20, 69-81.	2.3	35
31	The role of biophysical cohesion on subaqueous bed form size. Geophysical Research Letters, 2016, 43, 1566-1573.	1.5	110
32	Organizing, supporting and linking the world marine biodiversity research community. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 431-433.	0.4	4
33	Sticky stuff: Redefining bedform prediction in modern and ancient environments. Geology, 2015, 43, 399-402.	2.0	80
34	The pervasive role of biological cohesion in bedform development. Nature Communications, 2015, 6, 6257.	5.8	165
35	Making modelling count - increasing the contribution of shelf-seas community and ecosystem models to policy development and management. Marine Policy, 2015, 61, 291-302.	1.5	81
36	Relationships between biodiversity and the stability of marine ecosystems: Comparisons at a European scale using meta-analysis. Journal of Sea Research, 2015, 98, 5-14.	0.6	16

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37	Organisms as cooperative ecosystem engineers in intertidal flats. <i>Journal of Sea Research</i> , 2014, 92, 92-101.	0.6	80
38	Ecology of intertidal microbial biofilms: Mechanisms, patterns and future research needs. <i>Journal of Sea Research</i> , 2014, 92, 2-5.	0.6	59
39	Indirect effects may buffer negative responses of seagrass invertebrate communities to ocean acidification. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 31-38.	0.7	74
40	Salt Marsh Microbial Ecology: Microbes, Benthic Mats and Sediment Movement. <i>Coastal and Estuarine Studies</i> , 2013, , 115-136.	0.4	7
41	Proliferation of Purple Sulphur Bacteria at the Sediment Surface Affects Intertidal Mat Diversity and Functionality. <i>PLoS ONE</i> , 2013, 8, e82329.	1.1	11
42	The Impact of Ocean Acidification on the Functional Morphology of Foraminifera. <i>PLoS ONE</i> , 2013, 8, e83118.	1.1	25
43	Impacts of biogenic structures on benthic assemblages: microbes, meiofauna, macrofauna and related ecosystem functions. <i>Marine Ecology - Progress Series</i> , 2012, 465, 85-97.	0.9	40
44	Particle trapping and retention by <i>Zostera noltii</i> : A flume and field study. <i>Aquatic Botany</i> , 2012, 102, 15-22.	0.8	31
45	Impacts of physical disturbance on the recovery of a macrofaunal community: A comparative analysis using traditional and novel approaches. <i>Ecological Indicators</i> , 2012, 12, 37-45.	2.6	54
46	Temporal stability of European rocky shore assemblages: variation across a latitudinal gradient and the role of habitat-formers. <i>Oikos</i> , 2012, 121, 1801-1809.	1.2	53
47	Long-term variation and regulation of internal phosphorus loading in Loch Leven. <i>Hydrobiologia</i> , 2012, 681, 23-33.	1.0	81
48	Impairment of the Bacterial Biofilm Stability by Triclosan. <i>PLoS ONE</i> , 2012, 7, e31183.	1.1	43
49	Effects of seawater pH and calcification rate on test Mg/Ca and Sr/Ca in cultured individuals of the benthic, calcitic foraminifera <i>Elphidium williamsoni</i> . <i>Chemical Geology</i> , 2011, 289, 171-178.	1.4	13
50	Temporal variation in the sediment permeability of an intertidal sandflat. <i>Marine Ecology - Progress Series</i> , 2011, 441, 49-63.	0.9	12
51	Implications of dredging induced changes in sediment particle size composition for the structure and function of marine benthic macrofaunal communities. <i>Marine Pollution Bulletin</i> , 2011, 62, 2087-2094.	2.3	39
52	Impact of biodiversity-climate futures on primary production and metabolism in a model benthic estuarine system. <i>BMC Ecology</i> , 2011, 11, 7.	3.0	50
53	Assessing the recovery of functional diversity after sustained sediment screening at an aggregate dredging site in the North Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 358-366.	0.9	36
54	A comparison of short-term sediment deposition between natural and transplanted saltmarsh after saltmarsh restoration in the Eden Estuary (Scotland). <i>Plant Ecology and Diversity</i> , 2011, 4, 103-113.	1.0	7

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55	Bacterivorous nematodes stimulate microbial growth and exopolymer production in marine sediment microcosms. <i>Marine Ecology - Progress Series</i> , 2010, 419, 85-94.	0.9	47
56	Marine biodiversityâ€™ecosystem functions under uncertain environmental futures. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2107-2116.	1.8	80
57	Culture studies of the benthic foraminifera <i>Elphidium williamsoni</i> : Evaluating pH, $\delta^{13}C$ and inter-individual effects on test Mg/Ca. <i>Chemical Geology</i> , 2010, 274, 87-93.	1.4	36
58	Biodynamics of Modern Marine Stromatolites. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 223-235.	0.3	4
59	The Stabilisation Potential of Individual and Mixed Assemblages of Natural Bacteria and Microalgae. <i>PLoS ONE</i> , 2010, 5, e13794.	1.1	84
60	Ooid Accreting Diatom Communities from the Modern Marine Stromatolites at Highborne Cay, Bahamas. <i>Cellular Origin and Life in Extreme Habitats</i> , 2010, , 275-285.	0.3	1
61	Microbial assemblages as ecosystem engineers of sediment stability. <i>Journal of Soils and Sediments</i> , 2009, 9, 640-652.	1.5	52
62	Microbial Extracellular Polymeric Substances (EPS) in Fresh Water Sediments. <i>Microbial Ecology</i> , 2009, 58, 334-349.	1.4	64
63	Adaptations of microphytobenthos assemblages to sediment type and tidal position. <i>Continental Shelf Research</i> , 2009, 29, 1624-1634.	0.9	127
64	Surface adhesion measurements in aquatic biofilms using magnetic particle induction: MagPI. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 490-497.	1.0	25
65	Microbial stabilization of riverine sediments by extracellular polymeric substances. <i>Geobiology</i> , 2008, 6, 57-69.	1.1	112
66	Microbial interactions with physical sediment dynamics, and their significance for the interpretation of Earth's biological history. <i>Geobiology</i> , 2008, 6, 1-4.	1.1	31
67	Wave and sediment dynamics along a shallow subtidal sandy beach inhabited by modern stromatolites. <i>Geobiology</i> , 2008, 6, 21-32.	1.1	28
68	Changes in cohesive sediment properties associated with the growth of a diatom biofilm. <i>Hydrobiologia</i> , 2008, 596, 225-239.	1.0	75
69	Species effects on ecosystem processes are modified by faunal responses to habitat composition. <i>Oecologia</i> , 2008, 158, 511-520.	0.9	53
70	The engineering potential of natural benthic bacterial assemblages in terms of the erosion resistance of sediments. <i>FEMS Microbiology Ecology</i> , 2008, 66, 282-294.	1.3	43
71	Assessment of ecosystem function following marine aggregate dredging. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 366, 82-91.	0.7	66
72	Effects of light on sediment nutrient flux and water column nutrient stoichiometry in a shallow lake. <i>Water Research</i> , 2008, 42, 977-986.	5.3	81

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73	The effects of simulated rain on the erosion threshold and biogeochemical properties of intertidal sediments. <i>Continental Shelf Research</i> , 2008, 28, 1217-1230.	0.9	28
74	Microalgal sediment biostabilisation along a salinity gradient in the Eden Estuary, Scotland: unravelling a paradox. <i>Marine and Freshwater Research</i> , 2008, 59, 313.	0.7	44
75	Light-Dependant Biostabilisation of Sediments by Stromatolite Assemblages. <i>PLoS ONE</i> , 2008, 3, e3176.	1.1	50
76	Photoacclimation, growth and distribution of massive coral species in clear and turbid waters. <i>Marine Ecology - Progress Series</i> , 2008, 369, 77-88.	0.9	91
77	Influence of macrofaunal assemblages and environmental heterogeneity on microphytobenthic production in experimental systems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2547-2554.	1.2	74
78	Calibration of the high-pressure cohesive strength meter (CSM). <i>Continental Shelf Research</i> , 2007, 27, 1190-1199.	0.9	36
79	Phosphorus partitioning in a shallow lake: implications for water quality management. <i>Water and Environment Journal</i> , 2007, 21, 47-53.	1.0	50
80	The impact of organic pollution on the macrobenthic fauna of Dubai Creek (UAE). <i>Marine Pollution Bulletin</i> , 2007, 54, 1715-1723.	2.3	36
81	Sediment phosphorus cycling in a large shallow lake: spatio-temporal variation in phosphorus pools and release. <i>Hydrobiologia</i> , 2007, 584, 37-48.	1.0	83
82	Low-temperature SEM imaging of polymer structure in engineered and natural sediments and the implications regarding stability. <i>Geoderma</i> , 2006, 134, 48-55.	2.3	11
83	Small-scale temporal and spatial variability in the erosion threshold and properties of cohesive intertidal sediments. <i>Continental Shelf Research</i> , 2006, 26, 351-362.	0.9	76
84	Spatial and historical variation in sediment phosphorus fractions and mobility in a large shallow lake. <i>Water Research</i> , 2006, 40, 383-391.	5.3	48
85	The Implications of Niche Construction and Ecosystem Engineering for Conservation Biology. <i>BioScience</i> , 2006, 56, 570.	2.2	102
86	Flooding and Environmental Challenges for Venice and its Lagoon: State of Knowledge EDITED BY C. A. FLETCHER AND T. SPENCER xxv + 691 pp., 25 Å— 19 Å— 3.5 cm, ISBN 0 521 84046 5 hardback, GB£ 85.00/US\$ 180.00, Cambridge, UK: Cambridge University Press, 2005. <i>Environmental Conservation</i> , 2006, 33, 366-367.	0.7	0
87	The effects of rain on the erosion threshold of intertidal cohesive sediments. <i>Aquatic Ecology</i> , 2006, 40, 533-541.	0.7	43
88	The effects of tidally-driven temporal variation on measuring intertidal cohesive sediment erosion threshold. <i>Aquatic Ecology</i> , 2006, 40, 521-531.	0.7	17
89	Relationship of intertidal surface sediment chlorophyll concentration to hyperspectral reflectance and chlorophyll fluorescence. <i>Estuaries and Coasts</i> , 2006, 29, 183-196.	1.0	57
90	Effect of sediment type on microphytobenthos vertical distribution: Modelling the productive biomass and improving ground truth measurements. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 332, 60-74.	0.7	67

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91	Improvements to a passive trap for quantifying barnacle larval supply to semi-exposed rocky shores. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 332, 135-150.	0.7	24
92	Effects of vertical migrations by benthic microalgae on fluorescence measurements of photophysiology. <i>Marine Ecology - Progress Series</i> , 2006, 315, 55-66.	0.9	42
93	Patterns in microphytobenthic primary productivity: Species-specific variation in migratory rhythms and photosynthetic efficiency in mixed-species biofilms. <i>Limnology and Oceanography</i> , 2005, 50, 755-767.	1.6	133
94	Spatial dynamics of microphytobenthos determined by PAM fluorescence. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 30-42.	0.9	78
95	Extracellular cracking and content removal of the benthic diatom <i>Pleurosigma angulatum</i> (Quekett) by the benthic foraminifera <i>Haynesina germanica</i> (Ehrenberg). <i>Marine Micropaleontology</i> , 2005, 57, 68-73.	0.5	68
96	The use of digital/electronic holography for biological applications. <i>Journal of Optics</i> , 2005, 7, S399-S407.	1.5	14
97	PAM FLUORESCENCE: A BEGINNERS GUIDE FOR BENTHIC DIATOMISTS. <i>Diatom Research</i> , 2005, 20, 1-22.	0.5	114
98	The effects of clam fishing on the properties of surface sediments in the lagoon of Venice, Italy. <i>Hydrology and Earth System Sciences</i> , 2004, 8, 160-169.	1.9	9
99	Observations of coastal sediment erosion using in-line holography. <i>Journal of Optics</i> , 2004, 6, 703-710.	1.5	9
100	Alteration of biogenic structure and physical properties by tube-building chironomid larvae in cohesive sediments. <i>Aquatic Ecology</i> , 2004, 38, 219-229.	0.7	35
101	Monitoring Migration and Measuring Biomass in Benthic Biofilms: The Effects of Dark/far-red Adaptation and Vertical Migration on Fluorescence Measurements. <i>Photosynthesis Research</i> , 2004, 81, 91-101.	1.6	57
102	In-Line Laser Holography and Video Analysis of Eroded Floc from Engineered and Estuarine Sediments. <i>Environmental Science & Technology</i> , 2004, 38, 4640-4648.	4.6	15
103	THE UPS AND DOWNS OF LIFE IN A BENTHIC BIOFILM: MIGRATION OF BENTHIC DIATOMS. <i>Diatom Research</i> , 2004, 19, 181-202.	0.5	220
104	Extracellular polymeric substances: quantification and use in erosion experiments. <i>Continental Shelf Research</i> , 2004, 24, 1623-1635.	0.9	37
105	Diatom migration and sediment armouring – an example from the Tagus Estuary, Portugal. <i>Hydrobiologia</i> , 2003, 503, 183-193.	1.0	68
106	A novel shear vane used to determine the evolution of hydraulic dredge tracks in sub-tidal marine sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 1151-1158.	0.9	7
107	Flow modifies the effect of biodiversity on ecosystem functioning: an in situ study of estuarine sediments. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 285-286, 165-177.	0.7	94
108	The role of herbicides in the erosion of salt marshes in eastern England. <i>Environmental Pollution</i> , 2003, 122, 41-49.	3.7	37

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109	Changes in microphytobenthic chlorophyll a and EPS resulting from sediment compaction due to de-watering: opposing patterns in concentration and content. <i>Continental Shelf Research</i> , 2003, 23, 575-586.	0.9	81
110	The importance of extracellular carbohydrate production by marine epipellic diatoms. <i>Advances in Botanical Research</i> , 2003, 40, 183-240.	0.5	209
111	Ecosystem Function, Cell Micro-Cycling and the Structure of Transient Biofilms. , 2003, , 47-63.		11
112	The influence of an extracellular polymeric substance (EPS) on cohesive sediment stability. <i>Proceedings in Marine Science</i> , 2002, 5, 409-425.	0.1	104
113	In-line digital video holography for the study of erosion processes in sediments. <i>Measurement Science and Technology</i> , 2002, 13, L7-L12.	1.4	35
114	Determination of microphytobenthic biomass using pulse-amplitude modulated minimum fluorescence. <i>European Journal of Phycology</i> , 2002, 37, 485-492.	0.9	133
115	Erosion of Cuttings Pile Sediments: A Laboratory Flume Study. <i>Underwater Technology</i> , 2002, 25, 51-60.	0.3	8
116	Working with Natural Cohesive Sediments. <i>Journal of Hydraulic Engineering</i> , 2002, 128, 2-8.	0.7	212
117	Site-specific features influence sediment stability of intertidal flats. <i>Hydrology and Earth System Sciences</i> , 2002, 6, 971-982.	1.9	63
118	Bioturbation, ecosystem functioning and community structure. <i>Hydrology and Earth System Sciences</i> , 2002, 6, 999-1005.	1.9	86
119	The use of natural microphytobenthic assemblages as laboratory model systems. <i>Marine Ecology - Progress Series</i> , 2002, 237, 15-25.	0.9	19
120	Influence of <i>Corophium volutator</i> and <i>Hydrobia ulvae</i> on intertidal benthic diatom assemblages under different nutrient and temperature regimes. <i>Marine Ecology - Progress Series</i> , 2002, 245, 47-59.	0.9	76
121	Incipient Erosion of Biostabilized Sediments Examined Using Particle-Field Optical Holography. <i>Environmental Science & Technology</i> , 2001, 35, 2275-2281.	4.6	26
122	Behaviour of <i>Corophium volutator</i> in Still versus Flowing Water. <i>Estuarine, Coastal and Shelf Science</i> , 2001, 52, 357-362.	0.9	6
123	Consistent patterns and the idiosyncratic effects of biodiversity in marine ecosystems. <i>Nature</i> , 2001, 411, 73-77.	13.7	277
124	Microscale analysis of chlorophyll-a in cohesive, intertidal sediments: the implications of microphytobenthos distribution. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2001, 81, 151-162.	0.4	58
125	Interrelationships between Rates of Microbial Production, Exopolymer Production, Microbial Biomass, and Sediment Stability in Biofilms of Intertidal Sediments. <i>Microbial Ecology</i> , 2000, 39, 116-127.	1.4	165
126	Temporal and spatial distributions of moisture and organic contents across a macro-tidal mudflat. <i>Continental Shelf Research</i> , 2000, 20, 1219-1241.	0.9	34

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127	The effect of geomorphological structures on potential biostabilisation by microphytobenthos on intertidal mudflats. <i>Continental Shelf Research</i> , 2000, 20, 1243-1256.	0.9	86
128	In situ versus laboratory analysis of sediment stability from intertidal mudflats. <i>Continental Shelf Research</i> , 2000, 20, 1317-1334.	0.9	103
129	Variations in sediment properties, Skeffling mudflat, Humber Estuary, UK. <i>Continental Shelf Research</i> , 2000, 20, 1373-1396.	0.9	137
130	A comparison and measurement standardisation of four in situ devices for determining the erosion shear stress of intertidal sediments. <i>Continental Shelf Research</i> , 2000, 20, 1397-1418.	0.9	131
131	Siliciclastic Intertidal Microbial Sediments. , 2000, , 217-225.		6
132	Measuring the in situ Erosion Shear Stress of Intertidal Sediments with the Cohesive Strength Meter (CSM). <i>Estuarine, Coastal and Shelf Science</i> , 1999, 49, 281-294.	0.9	188
133	The swimming behaviour and distribution of <i>Neomysis integer</i> in relation to tidal flow. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 242, 95-106.	0.7	19
134	Water Flow, Sediment Dynamics and Benthic Biology. <i>Advances in Ecological Research</i> , 1999, 29, 155-193.	1.4	130
135	Carbohydrate secretion by phototrophic communities in tidal sediments. <i>Journal of Sea Research</i> , 1999, 42, 131-146.	0.6	99
136	Title is missing!. <i>Biogeochemistry</i> , 1999, 45, 303-327.	1.7	35
137	Sediment Microfabric of Oil Rig Drill Spoil Heaps:Â Preliminary Observations Using Low-Temperature Scanning Electron Microscopy. <i>Environmental Science & Technology</i> , 1999, 33, 1983-1990.	4.6	2
138	Microspatial Variation in Carbohydrate Concentrations with Depth in the Upper Millimetres of Intertidal Cohesive Sediments. <i>Estuarine, Coastal and Shelf Science</i> , 1998, 46, 359-370.	0.9	81
139	Pigment fingerprints as markers of erosion and changes in cohesive sediment surface properties in simulated and natural erosion events. <i>Geological Society Special Publication</i> , 1998, 139, 99-114.	0.8	14
140	LISP-UK Littoral Investigation of Sediment Properties: an introduction. <i>Geological Society Special Publication</i> , 1998, 139, 1-10.	0.8	15
141	Microbiological mediation of spectral reflectance from intertidal cohesive sediments. <i>Limnology and Oceanography</i> , 1998, 43, 1207-1221.	1.6	118
142	LISP-UK: AN HOLISTIC APPROACH TO THE INTERDISCIPLINARY STUDY OF TIDAL FLAT SEDIMENTATION. <i>Terra Nova</i> , 1996, 8, 304-308.	0.9	10
143	The measurement of microbial carbohydrate exopolymers from intertidal sediments. <i>Limnology and Oceanography</i> , 1995, 40, 1243-1253.	1.6	315
144	Biogenic structure of early sediment fabric visualized by low-temperature scanning electron microscopy. <i>Journal of the Geological Society</i> , 1995, 152, 131-140.	0.9	63

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145	Microbiological mediation of sediment structure and behaviour. , 1994, , 97-109.		42
146	Comparative structure, primary production and biogenic stabilization of cohesive and non-cohesive marine sediments inhabited by microphytobenthos. Estuarine, Coastal and Shelf Science, 1994, 39, 565-582.	0.9	252
147	THE SPEED OF DIATOM MIGRATION THROUGH NATURAL AND ARTIFICIAL SUBSTRATA. Diatom Research, 1993, 8, 371-384.	0.5	82
148	Seasonal changes in diatom biomass, sediment stability and biogenic stabilization in the Severn Estuary. Journal of the Marine Biological Association of the United Kingdom, 1993, 73, 871-887.	0.4	210
149	Recovery of intertidal benthic diatoms after biocide treatment and associated sediment dynamics. Journal of the Marine Biological Association of the United Kingdom, 1993, 73, 25-45.	0.4	112
150	The fine structure of an algal mat from a freshwater maritime antarctic lake. Canadian Journal of Botany, 1990, 68, 174-183.	1.2	16
151	Preliminary observations on factors affecting foraging activity in the limpet <i>Patella vulgata</i> . Journal of the Marine Biological Association of the United Kingdom, 1990, 70, 181-195.	0.4	24
152	Subaerial exposure and changes in the stability of intertidal estuarine sediments. Estuarine, Coastal and Shelf Science, 1990, 30, 541-556.	0.9	106
153	Short-term changes in the erodibility of intertidal cohesive sediments related to the migratory behavior of epipellic diatoms. Limnology and Oceanography, 1989, 34, 223-234.	1.6	404
154	Diffusion gradient plates for herbicide toxicity tests on micro-algae and cyanobacteria. Letters in Applied Microbiology, 1988, 7, 87-90.	1.0	12
155	The structure of benthic Diatom assemblages: A preliminary account of the use and evaluation of low-temperature scanning electron microscopy. Journal of Experimental Marine Biology and Ecology, 1986, 95, 279-289.	0.7	34
156	THE MIGRATORY BEHAVIOUR OF DIATOM ASSEMBLAGES IN A LABORATORY TIDAL MICRO-ECOSYSTEM EXAMINED BY LOW TEMPERATURE SCANNING ELECTRON MICROSCOPY. Diatom Research, 1986, 1, 227-239.	0.5	94
157	THE EPIPHYLLOUS ALGAL COLONIZATION OF <i>ELODEA CANADENSIS</i> MICHX.: COMMUNITY STRUCTURE AND DEVELOPMENT. New Phytologist, 1986, 103, 809-819.	3.5	8