

Gerd Masselink

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204
papers

5,996
citations

48
h-index

68
g-index

247
ext. papers

6,826
ext. citations

3.3
avg, IF

6.23
L-index

#	Paper	IF	Citations
204	Extreme wave activity during 2013/2014 winter and morphological impacts along the Atlantic coast of Europe. <i>Geophysical Research Letters</i> , 2016 , 43, 2135-2143	4.9	181
203	Swash-zone morphodynamics. <i>Continental Shelf Research</i> , 2006 , 26, 661-680	2.4	171
202	Field investigation of sediment transport in the swash zone. <i>Continental Shelf Research</i> , 1998 , 18, 1179-1199	1.99	151
201	Concepts in gravel beach dynamics. <i>Earth-Science Reviews</i> , 2006 , 79, 33-52	10.2	142
200	Swash infiltration-exfiltration and sediment transport. <i>Journal of Geophysical Research</i> , 1998 , 103, 30813-30824	1.42	142
199	The extreme 2013/2014 winter storms: hydrodynamic forcing and coastal response along the southwest coast of England. <i>Earth Surface Processes and Landforms</i> , 2016 , 41, 378-391	3.7	133
198	Morphodynamics of intertidal bars in wave-dominated coastal settings [A review]. <i>Geomorphology</i> , 2006 , 73, 33-49	4.3	132
197	Seasonal changes in beach morphology along the sheltered coastline of Perth, Western Australia. <i>Marine Geology</i> , 2001 , 172, 243-263	3.3	129
196	Flow velocity and sediment transport in the swash zone of a steep beach. <i>Marine Geology</i> , 1997 , 138, 91-103	3.3	118
195	Low energy sandy beaches in marine and estuarine environments: a review. <i>Geomorphology</i> , 2002 , 48, 147-162	4.3	118
194	Morphodynamic characteristics and classification of beaches in England and Wales. <i>Marine Geology</i> , 2011 , 286, 1-20	3.3	110
193	Response of wave-dominated and mixed-energy barriers to storms. <i>Marine Geology</i> , 2014 , 352, 321-347	3.3	93
192	Observations of morphological change and sediment transport on a steep gravel beach. <i>Marine Geology</i> , 2006 , 229, 59-77	3.3	92
191	Suspended sediment transport in the swash zone of a dissipative beach. <i>Marine Geology</i> , 2005 , 216, 169-189	3.89	89
190	The influence of bore turbulence on sediment transport in the swash and inner surf zones. <i>Continental Shelf Research</i> , 2004 , 24, 757-771	2.4	86
189	The role of swash infiltration in determining the beachface gradient: a numerical study. <i>Marine Geology</i> , 2001 , 176, 139-156	3.3	86
188	The extreme 2013/2014 winter storms: Beach recovery along the southwest coast of England. <i>Marine Geology</i> , 2016 , 382, 224-241	3.3	85

187	Temporal observations of rip current circulation on a macro-tidal beach. <i>Continental Shelf Research</i> , 2010 , 30, 1149-1165	2.4	85
186	Morphodynamics of meso- and macrotidal beaches: examples from central Queensland, Australia. <i>Marine Geology</i> , 1995 , 129, 1-23	3.3	75
185	Modelling storm hydrodynamics on gravel beaches with XBeach-G. <i>Coastal Engineering</i> , 2014 , 91, 231-250	4.8	74
184	Storm response and beach rotation on a gravel beach, Slapton Sands, U.K.. <i>Marine Geology</i> , 2010 , 278, 77-99	3.3	72
183	A new parameterisation for runup on gravel beaches. <i>Coastal Engineering</i> , 2016 , 117, 176-190	4.8	71
182	Morphodynamics of intertidal bar morphology on a macrotidal beach under low-energy wave conditions, North Lincolnshire, England. <i>Marine Geology</i> , 2002 , 190, 591-608	3.3	69
181	Grain-size information from the statistical properties of digital images of sediment. <i>Sedimentology</i> , 2009 , 56, 421-438	3.3	68
180	Role of wave forcing, storms and NAO in outer bar dynamics on a high-energy, macro-tidal beach. <i>Geomorphology</i> , 2014 , 226, 76-93	4.3	67
179	A morphodynamic model to simulate the seasonal closure of tidal inlets. <i>Coastal Engineering</i> , 1999 , 37, 1-36	4.8	67
178	The effect of sea breeze on beach morphology, surf zone hydrodynamics and sediment resuspension. <i>Marine Geology</i> , 1998 , 146, 115-135	3.3	64
177	Group bound long waves as a source of infragravity energy in the surf zone. <i>Continental Shelf Research</i> , 1995 , 15, 1525-1547	2.4	63
176	Modelling the morphodynamics of gravel beaches during storms with XBeach-G. <i>Coastal Engineering</i> , 2015 , 103, 52-66	4.8	62
175	Flow velocities, sediment transport and morphological change in the swash zone of two contrasting beaches. <i>Marine Geology</i> , 2006 , 227, 227-240	3.3	61
174	Implications of delta retreat on wave propagation and longshore sediment transport - Guadalfeo case study (southern Spain). <i>Marine Geology</i> , 2016 , 382, 1-16	3.3	61
173	A new climate index controlling winter wave activity along the Atlantic coast of Europe: The West Europe Pressure Anomaly. <i>Geophysical Research Letters</i> , 2017 , 44, 1384-1392	4.9	60
172	BeachWin: modelling groundwater effects on swash sediment transport and beach profile changes. <i>Environmental Modelling and Software</i> , 2002 , 17, 313-320	5.2	60
171	Net sediment transport and morphological change in the swash zone of a high-energy sandy beach from swash event to tidal cycle time scales. <i>Marine Geology</i> , 2009 , 267, 18-35	3.3	59
170	Offshore wave climate, Perth (Western Australia), 1994 - 96. <i>Marine and Freshwater Research</i> , 1999 , 50, 95	2.2	58

169	Classification of beach response to extreme storms. <i>Geomorphology</i> , 2017 , 295, 722-737	4.3	57
168	Increased Winter-Mean Wave Height, Variability, and Periodicity in the Northeast Atlantic Over 1949-2017. <i>Geophysical Research Letters</i> , 2018 , 45, 3586-3596	4.9	56
167	The role of bore collapse and local shear stresses on the spatial distribution of sediment load in the uprush of an intermediate-state beach. <i>Marine Geology</i> , 2004 , 203, 109-118	3.3	56
166	Overwash threshold for gravel barriers. <i>Coastal Engineering</i> , 2012 , 63, 48-61	4.8	54
165	Beach cusp morphodynamics. <i>Earth Surface Processes and Landforms</i> , 1997 , 22, 1139-1155	3.7	54
164	Relaxation time effects of wave ripples on tidal beaches. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	54
163	Beach recovery from extreme storm activity during the 2013-14 winter along the Atlantic coast of Europe. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 393-401	3.7	53
162	Swash zone sediment transport, step dynamics and morphological response on a gravel beach. <i>Marine Geology</i> , 2010 , 274, 50-68	3.3	52
161	Morpho-sedimentary dynamics of a micro-tidal mixed sand and gravel beach, Playa Granada, southern Spain. <i>Marine Geology</i> , 2016 , 379, 28-38	3.3	50
160	Coupling cross-shore and longshore sediment transport to model storm response along a mixed sand-gravel coast under varying wave directions. <i>Coastal Engineering</i> , 2017 , 129, 93-104	4.8	49
159	Observations of gravel beach dynamics during high energy wave conditions using a laser scanner. <i>Geomorphology</i> , 2015 , 228, 15-27	4.3	49
158	Sandy beaches can survive sea-level rise. <i>Nature Climate Change</i> , 2020 , 10, 993-995	21.4	49
157	Controls on macrotidal rip current circulation and hazard. <i>Geomorphology</i> , 2014 , 214, 198-215	4.3	48
156	Swash zone sediment fluxes: Field observations. <i>Coastal Engineering</i> , 2011 , 58, 28-44	4.8	47
155	Cross-shore sediment transport and morphological response on a macrotidal beach with intertidal bar morphology, Truc Vert, France. <i>Marine Geology</i> , 2008 , 251, 141-155	3.3	46
154	Location and height of intertidal bars on macrotidal ridge and runnel beaches. <i>Earth Surface Processes and Landforms</i> , 2001 , 26, 759-774	3.7	46
153	Morphological evolution of beach cusps and associated swash circulation patterns. <i>Marine Geology</i> , 1998 , 146, 93-113	3.3	39
152	Morphodynamic evolution of a macrotidal barrier estuary. <i>Marine Geology</i> , 1995 , 129, 25-46	3.3	39

151	Coastal cliff ground motions and response to extreme storm waves. <i>Geophysical Research Letters</i> , 2015 , 42, 847-854	4.9	38
150	Field investigation of wave propagation over a bar and the consequent generation of secondary waves. <i>Coastal Engineering</i> , 1998 , 33, 1-9	4.8	38
149	Magnitude and cross-shore distribution of bed return flow measured on natural beaches. <i>Coastal Engineering</i> , 1995 , 25, 165-190	4.8	38
148	Role of waves and tides on depth of closure and potential for headland bypassing. <i>Marine Geology</i> , 2019 , 407, 60-75	3.3	37
147	Comprehensive Field Study of Swash-Zone Processes. II: Sheet Flow Sediment Concentrations during Quasi-Steady Backwash. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2014 , 140, 29-42	1.7	36
146	High frequency in-situ field measurements of morphological response on a fine gravel beach during energetic wave conditions. <i>Marine Geology</i> , 2013 , 342, 1-13	3.3	36
145	Formation and evolution of multiple intertidal bars on macrotidal beaches: application of a morphodynamic model. <i>Coastal Engineering</i> , 2004 , 51, 713-730	4.8	36
144	Observations of nearshore infragravity wave dynamics under high energy swell and wind-wave conditions. <i>Continental Shelf Research</i> , 2017 , 138, 19-31	2.4	35
143	Swash-groundwater interaction on a steep gravel beach. <i>Continental Shelf Research</i> , 2006 , 26, 2503-2519	2.4	35
142	Dynamics of rip currents associated with groynes [field measurements, modelling and implications for beach safety. <i>Coastal Engineering</i> , 2016 , 107, 53-69	4.8	32
141	Depths of Modern Coastal Sand Clinofolds. <i>Journal of Sedimentary Research</i> , 2012 , 82, 469-481	2.1	32
140	Geometry and dynamics of wave ripples in the nearshore zone of a coarse sandy beach. <i>Journal of Geophysical Research</i> , 2007 , 112,		32
139	Barrier dynamics experiment (BARDEX): Aims, design and procedures. <i>Coastal Engineering</i> , 2012 , 63, 3-12	4.8	31
138	Large-scale Barrier Dynamics Experiment II (BARDEX II): Experimental design, instrumentation, test program, and data set. <i>Coastal Engineering</i> , 2016 , 113, 3-18	4.8	30
137	Measurements of morphodynamic and hydrodynamic overwash processes in a large-scale wave flume. <i>Coastal Engineering</i> , 2016 , 113, 33-46	4.8	30
136	Short-term morphological change and sediment dynamics in the intertidal zone of a macrotidal beach. <i>Sedimentology</i> , 2007 , 54, 39-53	3.3	30
135	Alongshore variation in beach cusp morphology in a coastal embayment. <i>Earth Surface Processes and Landforms</i> , 1999 , 24, 335-347	3.7	30
134	The ECORS-Truc Vert08 nearshore field experiment: presentation of a three-dimensional morphologic system in a macro-tidal environment during consecutive extreme storm conditions. <i>Ocean Dynamics</i> , 2011 , 61, 2073-2098	2.3	29

133	Characteristics and dynamics of multiple intertidal bars, north Lincolnshire, England. <i>Earth Surface Processes and Landforms</i> , 2006 , 31, 428-443	3.7	29
132	SPECTRAL ANALYSIS OF GEOMORPHIC TIME SERIES: AUTO-SPECTRUM. <i>Earth Surface Processes and Landforms</i> , 1996 , 21, 1021-1040	3.7	29
131	Coastal embayment rotation: Response to extreme events and climate control, using full embayment surveys. <i>Geomorphology</i> , 2019 , 327, 385-403	4.3	29
130	Climate forcing of regionally-coherent extreme storm impact and recovery on embayed beaches. <i>Marine Geology</i> , 2018 , 401, 112-128	3.3	28
129	Rip Current Prediction: Development, Validation, and Evaluation of an Operational Tool. <i>Journal of Coastal Research</i> , 2012 , 29, 283	0.6	28
128	Tidal asymmetry in sediment resuspension on a macrotidal beach in northwestern Australia. <i>Marine Geology</i> , 2000 , 163, 257-274	3.3	28
127	Evaluation of Longshore Transport Equations with OBS Sensors, Streamer Traps, and Fluorescent Tracer. <i>Journal of Coastal Research</i> , 2005 , 215, 915-931	0.6	27
126	Onshore sediment transport on a sandy beach under varied wave conditions: Flow velocity skewness, wave asymmetry or bed ventilation?. <i>Marine Geology</i> , 2009 , 259, 86-101	3.3	25
125	The Application of Bagnold-Type Sediment Transport Models in the Swash Zone. <i>Journal of Coastal Research</i> , 2005 , 215, 887-895	0.6	25
124	Evidence of a Mid-Holocene Sea Level Highstand from the Sedimentary Record of a Macrotidal Barrier and Paleoestuary System in Northwestern Australia. <i>Journal of Coastal Research</i> , 2006 , 221, 100-112	0.6	24
123	Test of edge wave forcing during formation of rhythmic beach morphology. <i>Journal of Geophysical Research</i> , 2004 , 109,		24
122	Defining Coastal Resilience. <i>Water (Switzerland)</i> , 2019 , 11, 2587	3	24
121	Evaluation of salt marsh restoration by means of self-regulating tidal gate [Avon estuary, South Devon, UK. <i>Ecological Engineering</i> , 2017 , 106, 174-190	3.9	23
120	Storm overwash of a gravel barrier: Field measurements and XBeach-G modelling. <i>Coastal Engineering</i> , 2017 , 120, 22-35	4.8	23
119	Application of airborne LiDAR to investigate rates of recession in rocky coast environments. <i>Journal of Coastal Conservation</i> , 2015 , 19, 831-845	1.9	23
118	Sediment trend models fail to reproduce small-scale sediment transport patterns on an intertidal beach. <i>Sedimentology</i> , 2008 , 55, 667-687	3.3	23
117	Wave and Tidal Controls on Embayment Circulation and Headland Bypassing for an Exposed, Macrotidal Site. <i>Journal of Marine Science and Engineering</i> , 2018 , 6, 94	2.4	23
116	Physical modelling of the response of reef islands to sea-level rise. <i>Geology</i> , 2019 , 47, 803-806	5	22

115	Comprehensive Field Study of Swash-Zone Processes. I: Experimental Design with Examples of Hydrodynamic and Sediment Transport Measurements. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2014 , 140, 14-28	1.7	22
114	Detailed investigation of overwash on a gravel barrier. <i>Marine Geology</i> , 2014 , 350, 27-38	3.3	22
113	A coastal vulnerability assessment for planning climate resilient infrastructure. <i>Ocean and Coastal Management</i> , 2018 , 163, 101-112	3.9	20
112	The Impact of Waves and Tides on Residual Sand Transport on a Sediment-Poor, Energetic, and Macrotidal Continental Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 4974-5002	3.3	20
111	Water-level controls on macro-tidal rip currents. <i>Continental Shelf Research</i> , 2014 , 75, 28-40	2.4	20
110	Large-scale laboratory investigation into the effect of varying back-barrier lagoon water levels on gravel beach morphology and swash zone sediment transport. <i>Coastal Engineering</i> , 2012 , 63, 23-38	4.8	20
109	From fine sand to boulders: Examining the relationship between beach-face slope and sediment size. <i>Marine Geology</i> , 2019 , 417, 106012	3.3	19
108	Morphodynamic variability of high-energy macrotidal beaches, Cornwall, UK. <i>Marine Geology</i> , 2014 , 350, 97-111	3.3	19
107	Satellite-derived shoreline detection at a high-energy meso-macrotidal beach. <i>Geomorphology</i> , 2021 , 383, 107707	4.3	19
106	Physical and Numerical Modeling of Infragravity Wave Generation and Transformation on Coral Reef Platforms. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 1410-1433	3.3	19
105	Coral reef islands can accrete vertically in response to sea level rise. <i>Science Advances</i> , 2020 , 6, eaay3656	4.3	18
104	Multi-annual embayment sediment dynamics involving headland bypassing and sediment exchange across the depth of closure. <i>Geomorphology</i> , 2019 , 343, 48-64	4.3	18
103	The Role of Bed Roughness in Wave Transformation Across Sloping Rock Shore Platforms. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018 , 123, 97-123	3.8	17
102	Observations of the swash zone on a gravel beach during a storm using a laser-scanner (Lidar). <i>Journal of Coastal Research</i> , 2013 , 65, 636-641	0.6	17
101	Tide-driven dune migration and sediment transport on an intertidal shoal in a shallow estuary in Devon, UK. <i>Marine Geology</i> , 2009 , 262, 82-95	3.3	17
100	Determination of wave-shoreline dynamics on a macrotidal gravel beach using Canonical Correlation Analysis. <i>Coastal Engineering</i> , 2010 , 57, 290-303	4.8	17
99	Field measurements and hydrodynamic modelling to evaluate the importance of factors controlling overwash. <i>Coastal Engineering</i> , 2019 , 152, 103523	4.8	16
98	Overwash experiment on a sandy barrier. <i>Journal of Coastal Research</i> , 2013 , 65, 778-783	0.6	16

97	Modelling storm response on gravel beaches using XBeach-G. <i>Proceedings of the Institution of Civil Engineers: Maritime Engineering</i> , 2014 , 167, 173-191	1.8	15
96	The effect of bedform dynamics on computing suspended sediment fluxes using optical backscatter sensors and current meters. <i>Coastal Engineering</i> , 2008 , 55, 251-260	4.8	15
95	Groundwater dynamics in coastal gravel barriers backed by freshwater lagoons and the potential for saline intrusion: Two cases from the UK. <i>Journal of Marine Systems</i> , 2013 , 123-124, 19-32	2.7	14
94	The role of beach morphology on coastal cliff erosion under extreme waves. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 1213-1228	3.7	14
93	Application of multiple linear regression and Bayesian belief network approaches to model life risk to beach users in the UK. <i>Ocean and Coastal Management</i> , 2017 , 139, 12-23	3.9	13
92	Nearshore sediment pathways and potential sediment budgets in embayed settings over a multi-annual timescale. <i>Marine Geology</i> , 2020 , 427, 106270	3.3	13
91	Wave breaking patterns control rip current flow regimes and surfzone retention. <i>Marine Geology</i> , 2016 , 382, 176-190	3.3	13
90	Coastal gravel barrier hydrology [Observations from a prototype-scale laboratory experiment (BARDEX)]. <i>Coastal Engineering</i> , 2012 , 63, 13-22	4.8	13
89	Validation of volume continuity method for estimation of cross-shore swash flow velocity. <i>Coastal Engineering</i> , 2010 , 57, 953-958	4.8	12
88	Dynamics of multiple intertidal bars over semi-diurnal and lunar tidal cycles, North Lincolnshire, England. <i>Earth Surface Processes and Landforms</i> , 2008 , 33, 1473-1490	3.7	12
87	Beach response to consecutive extreme storms using LiDAR along the SW coast of England. <i>Journal of Coastal Research</i> , 2016 , 75, 1052-1056	0.6	12
86	Systematic analysis of rocky shore platform morphology at large spatial scale using LiDAR-derived digital elevation models. <i>Geomorphology</i> , 2017 , 286, 45-57	4.3	11
85	In-situ estimates of net sediment flux per swash: Reply to discussion by TE Baldock of Measurement of wave-by-wave bed-levels in the swash zone [Coastal Engineering, 2009 , 56, 1009-1012]	4.8	11
84	Regionally-Coherent Embayment Rotation: Behavioural Response to Bi-Directional Waves and Atmospheric Forcing. <i>Journal of Marine Science and Engineering</i> , 2019 , 7, 116	2.4	10
83	Boundary layer dynamics in the swash zone under large-scale laboratory conditions. <i>Coastal Engineering</i> , 2016 , 113, 47-61	4.8	10
82	High-efficiency gravel longshore sediment transport and headland bypassing over an extreme wave event. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 2720-2727	3.7	10
81	Steps to Develop Early Warning Systems and Future Scenarios of Storm Wave-Driven Flooding Along Coral Reef-Lined Coasts. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	9
80	Predicting overwash on gravel barriers. <i>Journal of Coastal Research</i> , 2013 , 165, 1473-1478	0.6	9

79	Forecasting coastal overtopping at engineered and naturally defended coastlines. <i>Coastal Engineering</i> , 2021 , 164, 103827	4.8	9
78	Predicting beach rotation using multiple atmospheric indices. <i>Marine Geology</i> , 2020 , 426, 106207	3.3	8
77	Observation of Wave Transformation on Macro-tidal Rocky Platforms. <i>Journal of Coastal Research</i> , 2016 , 75, 602-606	0.6	8
76	Suspended Sediment Transport in Rip Currents on a Macrotidal Beach. <i>Journal of Coastal Research</i> , 2013 , 165, 1880-1885	0.6	8
75	A cross-shore suspended sediment transport shape function parameterisation for natural beaches. <i>Continental Shelf Research</i> , 2009 , 29, 1948-1960	2.4	8
74	Performance of a dynamic cobble berm revetment for coastal protection, under increasing water level.. <i>Coastal Engineering</i> , 2020 , 159, 103712	4.8	8
73	Physical modelling of reef island topographic response to rising sea levels. <i>Geomorphology</i> , 2019 , 345, 106833	4.3	7
72	Alongshore fluid motions in the swash zone of a sandy and gravel beach. <i>Coastal Engineering</i> , 2011 , 58, 690-705	4.8	7
71	A rules-based shoreface translation and sediment budgeting tool for estimating coastal change: ShoreTrans. <i>Marine Geology</i> , 2021 , 435, 106466	3.3	7
70	Preface: Monitoring and modelling to guide coastal adaptation to extreme storm events in a changing climate. <i>Natural Hazards and Earth System Sciences</i> , 2016 , 16, 463-467	3.9	7
69	Vertical structure of near-bed cross-shore flow velocities in the swash zone of a dissipative beach. <i>Continental Shelf Research</i> , 2015 , 101, 98-108	2.4	6
68	Synthetic Imagery for the Automated Detection of Rip Currents. <i>Journal of Coastal Research</i> , 2016 , 75, 912-916	0.6	6
67	Infragravity wave generation on shore platforms: Bound long wave versus breakpoint forcing. <i>Geomorphology</i> , 2020 , 350, 106880	4.3	6
66	Estuaries and Tidal Inlets 268-298		6
65	Coastal sand barrier hydrology observations from the BARDEX II prototype-scale laboratory experiment. <i>Journal of Coastal Research</i> , 2013 , 165, 1886-1891	0.6	5
64	Sediment transport dynamics in the swash zone under large-scale laboratory conditions. <i>Continental Shelf Research</i> , 2016 , 120, 1-13	2.4	5
63	Physical Modelling of Reef Platform Hydrodynamics. <i>Journal of Coastal Research</i> , 2018 , 85, 491-495	0.6	4
62	Observations of bedforms on a dissipative macrotidal beach. <i>Ocean Dynamics</i> , 2014 , 64, 225-239	2.3	4

61	Storm-driven cusp behaviour on a high energy gravel beach. <i>Journal of Coastal Research</i> , 2014 , 70, 645-650	4
60	Megaripple dynamics on a dissipative sandy beach. <i>Journal of Coastal Research</i> , 2014 , 70, 187-192	0.6 4
59	Introduction to Coastal Environments and Global Change 2015 , 1-27	4
58	SWASH ZONE MORPHODYNAMICS OF COARSE-GRAINED BEACHES DURING ENERGETIC WAVE CONDITIONS. <i>Coastal Engineering Proceedings</i> , 2015 , 1, 35	1.4 4
57	BARDEX II: Bringing the beach to the laboratory again!. <i>Journal of Coastal Research</i> , 2013 , 165, 1545-1550	0.6 4
56	Field Observations of Sediment Fluxes in the Inner-Surf and Swash Zones. <i>Journal of Coastal Research</i> , 2009 , 254, 991-1001	0.6 4
55	MULTI-ANNUAL SAND AND GRAVEL BEACH RESPONSE TO STORMS IN THE SOUTHWEST OF ENGLAND 2015 ,	4
54	Sandy beaches can survive sea-level rise	4
53	Impact of a headland-associated sandbank on shoreline dynamics. <i>Geomorphology</i> , 2020 , 355, 107065	4.3 4
52	Spatio-temporal Variability in the Tipping Points of a Coastal Defense. <i>Journal of Coastal Research</i> , 2016 , 75, 1042-1046	0.6 4
51	The role of alongshore flows on inner surf and swash zone hydrodynamics on a dissipative beach. <i>Continental Shelf Research</i> , 2020 , 201, 104134	2.4 3
50	Correcting wave reflection estimates in the coastal zone. <i>Coastal Engineering</i> , 2017 , 119, 65-71	4.8 3
49	Sensitivity analysis of the methodology for quantifying cliff erosion using airborne LiDAR examples from Cornwall, UK.. <i>Journal of Coastal Research</i> , 2013 , 65, 470-475	0.6 3
48	A novel rules-based shoreface translation model for predicting future coastal change: ShoreTrans	3
47	Role of Atmospheric Indices in Describing Inshore Directional Wave Climate in the United Kingdom and Ireland. <i>Earth's Future</i> , 2021 , 9, e2020EF001625	7.9 3
46	Overwash Processes: Lessons from Fieldwork and Laboratory Experiments 2017 , 175-194	2
45	Bedform Dynamics in a Rip Current. <i>Journal of Coastal Research</i> , 2014 , 70, 700-705	0.6 2
44	Can standard energetics models be used to predict net cross-shore sediment flux at the beach face?. <i>Australian Journal of Civil Engineering</i> , 2011 , 9, 19-34	1.8 2

43	Infiltration and Exfiltration on a Steep Gravel Beach: Implications for Sediment Transport 2006 , 1		2
42	MODELING RESPONSE OF CORAL REEF ISLANDS TO SEA-LEVEL RISE 2019 ,		2
41	GRAVEL BEACH CROSS- AND ALONGSHORE RESPONSE TO AN EXTREME EVENT: BEACH LENGTH AND HEADLAND PROXIMITY CONTROLS 2019 ,		2
40	UK STORMS 2014: GRAVEL BEACH RESPONSE 2015 ,		2
39	REGIONAL VARIABILITY IN ATLANTIC STORM RESPONSE ALONG THE SOUTHWEST COAST OF ENGLAND 2015 ,		2
38	CONTRASTING STORM IMPACTS ON GRAVEL BEACHES [EXAMPLES FROM SOUTH ENGLAND. <i>Coastal Engineering Proceedings</i> , 2012 , 1, 84	1.4	2
37	Coastal adaptation to climate change through zonation: A review of coastal change management areas (CCMAs) in England. <i>Ocean and Coastal Management</i> , 2021 , 215, 105950	3.9	2
36	High-Latitude Coasts338-355		2
35	Sediment supply dampens the erosive effects of sea-level rise on reef islands. <i>Scientific Reports</i> , 2021 , 11, 5523	4.9	2
34	An XBeach derived parametric expression for headland bypassing. <i>Coastal Engineering</i> , 2021 , 165, 103860.8	4.8	2
33	Accurate Estimation of Wave Reflection on a High Energy, Dissipative Beach. <i>Journal of Coastal Research</i> , 2016 , 75, 877-881	0.6	2
32	The extreme 2013/14 winter storms: Regional patterns in multi-annual beach recovery. <i>Geomorphology</i> , 2021 , 389, 107828	4.3	2
31	Mangrove Shorelines251-267		2
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