Gerd Masselink

List of Publications by Year in Descending Order

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	A 15-year partnership between UK coastal scientists and the international beach lifeguard community. *Continental Shelf Research*, **2022**, 104732	2.4	
203	Single extreme storm sequence can offset decades of shoreline retreat projected to result from sea-level rise. *Communications Earth & Environment*, **2022**, 3,	6.1	1
202	Emergent coastal behaviour results in extreme dune erosion decoupled from hydrodynamic forcing. *Marine Geology*, **2021**, 442, 106667	3.3	1
201	Coastal adaptation to climate change through zonation: A review of coastal change management areas (CCMAs) in England. *Ocean and Coastal Management*, **2021**, 215, 105950	3.9	2
200	Sandy Beach Morphodynamics.. *Journal of Coastal Research*, **2021**, 37,	0.6	1
199	Sediment supply dampens the erosive effects of sea-level rise on reef islands. *Scientific Reports*, **2021**, 11, 5523	4.9	2
198	An XBeach derived parametric expression for headland bypassing. *Coastal Engineering*, **2021**, 165, 103860	4.8	2
197	A rules-based shoreface translation and sediment budgeting tool for estimating coastal change: ShoreTrans. *Marine Geology*, **2021**, 435, 106466	3.3	7
196	Role of Atmospheric Indices in Describing Inshore Directional Wave Climate in the United Kingdom and Ireland. *Earth's Future*, **2021**, 9, e2020EF001625	7.9	3
195	Satellite-derived shoreline detection at a high-energy meso-macrotidal beach. *Geomorphology*, **2021**, 383, 107707	4.3	19
194	Modelling regional and local-scale larval seeding strategies for abalone (H. midae) ranching in South Africa. *Aquaculture*, **2021**, 540, 736668	4.4	
193	Forecasting coastal overtopping at engineered and naturally defended coastlines. *Coastal Engineering*, **2021**, 164, 103827	4.8	9
192	High-resolution, large-scale laboratory measurements of a sandy beach and dynamic cobble berm revetment. *Scientific Data*, **2021**, 8, 22	8.2	1
191	Role of Future Reef Growth on Morphological Response of Coral Reef Islands to Sea-Level Rise. *Journal of Geophysical Research F: Earth Surface*, **2021**, 126, e2020JF005749	3.8	1
190	Predicting Dominance of Sand Transport by Waves, Tides, and Their Interactions on Sandy Continental Shelves. *Journal of Geophysical Research: Oceans*, **2021**, 126, e2021JC017200	3.3	1
189	Wave, Tide and Topographical Controls on Headland Sand Bypassing. *Journal of Geophysical Research: Oceans*, **2021**, 126, e2020JC017053	3.3	1
188	The extreme 2013/14 winter storms: Regional patterns in multi-annual beach recovery. *Geomorphology*, **2021**, 389, 107828	4.3	2

187	Predicting beach rotation using multiple atmospheric indices. *Marine Geology*, **2020**, 426, 106207	3.3	8
186	Coral reef islands can accrete vertically in response to sea level rise. *Science Advances*, **2020**, 6, eaay3656	14.3	18
185	The role of alongshore flows on inner surf and swash zone hydrodynamics on a dissipative beach. *Continental Shelf Research*, **2020**, 201, 104134	2.4	3
184	Nearshore sediment pathways and potential sediment budgets in embayed settings over a multi-annual timescale. *Marine Geology*, **2020**, 427, 106270	3.3	13
183	Steps to Develop Early Warning Systems and Future Scenarios of Storm Wave-Driven Flooding Along Coral Reef-Lined Coasts. *Frontiers in Marine Science*, **2020**, 7,	4.5	9
182	There's Camels on the Beach! The Nine Mile Beach, Central Queensland Macrotidal Beach Experiment. *Journal of Coastal Research*, **2020**, 101, 246	0.6	
181	Performance of a dynamic cobble berm revetment for coastal protection, under increasing water level.. *Coastal Engineering*, **2020**, 159, 103712	4.8	8
180	Impact of a headland-associated sandbank on shoreline dynamics. *Geomorphology*, **2020**, 355, 107065	4.3	4
179	Sandy beaches can survive sea-level rise. *Nature Climate Change*, **2020**, 10, 993-995	21.4	49
178	Infragravity wave generation on shore platforms: Bound long wave versus breakpoint forcing. *Geomorphology*, **2020**, 350, 106880	4.3	6
177	From fine sand to boulders: Examining the relationship between beach-face slope and sediment size. *Marine Geology*, **2019**, 417, 106012	3.3	19
176	Physical modelling of the response of reef islands to sea-level rise. *Geology*, **2019**, 47, 803-806	5	22
175	Regionally-Coherent Embayment Rotation: Behavioural Response to Bi-Directional Waves and Atmospheric Forcing. *Journal of Marine Science and Engineering*, **2019**, 7, 116	2.4	10
174	Physical modelling of reef island topographic response to rising sea levels. *Geomorphology*, **2019**, 345, 106833	4.3	7
173	Field measurements and hydrodynamic modelling to evaluate the importance of factors controlling overwash. *Coastal Engineering*, **2019**, 152, 103523	4.8	16
172	The Impact of Waves and Tides on Residual Sand Transport on a Sediment-Poor, Energetic, and Macrotidal Continental Shelf. *Journal of Geophysical Research: Oceans*, **2019**, 124, 4974-5002	3.3	20
171	High-efficiency gravel longshore sediment transport and headland bypassing over an extreme wave event. *Earth Surface Processes and Landforms*, **2019**, 44, 2720-2727	3.7	10
170	Multi-annual embayment sediment dynamics involving headland bypassing and sediment exchange across the depth of closure. *Geomorphology*, **2019**, 343, 48-64	4.3	18

169	MODELING RESPONSE OF CORAL REEF ISLANDS TO SEA-LEVEL RISE **2019**,		2
168	GRAVEL BEACH CROSS- AND ALONGSHORE RESPONSE TO AN EXTREME EVENT: BEACH LENGTH AND HEADLAND PROXIMITY CONTROLS **2019**,		2
167	Physical and Numerical Modeling of Infragravity Wave Generation and Transformation on Coral Reef Platforms. *Journal of Geophysical Research: Oceans*, **2019**, 124, 1410-1433	3.3	19
166	Defining Coastal Resilience. *Water (Switzerland)*, **2019**, 11, 2587	3	24
165	Beach recovery from extreme storm activity during the 2013–14 winter along the Atlantic coast of Europe. *Earth Surface Processes and Landforms*, **2019**, 44, 393-401	3.7	53
164	Coastal embayment rotation: Response to extreme events and climate control, using full embayment surveys. *Geomorphology*, **2019**, 327, 385-403	4.3	29
163	Role of waves and tides on depth of closure and potential for headland bypassing. *Marine Geology*, **2019**, 407, 60-75	3.3	37
162	Climate forcing of regionally-coherent extreme storm impact and recovery on embayed beaches. *Marine Geology*, **2018**, 401, 112-128	3.3	28
161	Increased Winter-Mean Wave Height, Variability, and Periodicity in the Northeast Atlantic Over 1949–2017. *Geophysical Research Letters*, **2018**, 45, 3586-3596	4.9	56
160	The Role of Bed Roughness in Wave Transformation Across Sloping Rock Shore Platforms. *Journal of Geophysical Research F: Earth Surface*, **2018**, 123, 97-123	3.8	17
159	A coastal vulnerability assessment for planning climate resilient infrastructure. *Ocean and Coastal Management*, **2018**, 163, 101-112	3.9	20
158	Physical Modelling of Reef Platform Hydrodynamics. *Journal of Coastal Research*, **2018**, 85, 491-495	0.6	4
157	The role of beach morphology on coastal cliff erosion under extreme waves. *Earth Surface Processes and Landforms*, **2018**, 43, 1213-1228	3.7	14
156	Wave and Tidal Controls on Embayment Circulation and Headland Bypassing for an Exposed, Macrotidal Site. *Journal of Marine Science and Engineering*, **2018**, 6, 94	2.4	23
155	A new climate index controlling winter wave activity along the Atlantic coast of Europe: The West Europe Pressure Anomaly. *Geophysical Research Letters*, **2017**, 44, 1384-1392	4.9	60
154	Application of multiple linear regression and Bayesian belief network approaches to model life risk to beach users in the UK. *Ocean and Coastal Management*, **2017**, 139, 12-23	3.9	13
153	Overwash Processes: Lessons from Fieldwork and Laboratory Experiments **2017**, 175-194		2
152	Observations of nearshore infragravity wave dynamics under high energy swell and wind-wave conditions. *Continental Shelf Research*, **2017**, 138, 19-31	2.4	35

151	Systematic analysis of rocky shore platform morphology at large spatial scale using LiDAR-derived digital elevation models. *Geomorphology*, **2017**, 286, 45-57	4.3	11
150	Coupling cross-shore and longshore sediment transport to model storm response along a mixed sand-gravel coast under varying wave directions. *Coastal Engineering*, **2017**, 129, 93-104	4.8	49
149	Classification of beach response to extreme storms. *Geomorphology*, **2017**, 295, 722-737	4.3	57
148	Evaluation of salt marsh restoration by means of self-regulating tidal gate Avon estuary, South Devon, UK. *Ecological Engineering*, **2017**, 106, 174-190	3.9	23
147	Correcting wave reflection estimates in the coastal zone. *Coastal Engineering*, **2017**, 119, 65-71	4.8	3
146	Storm overwash of a gravel barrier: Field measurements and XBeach-G modelling. *Coastal Engineering*, **2017**, 120, 22-35	4.8	23
145	Boundary layer dynamics in the swash zone under large-scale laboratory conditions. *Coastal Engineering*, **2016**, 113, 47-61	4.8	10
144	Observation of Wave Transformation on Macro-tidal Rocky Platforms. *Journal of Coastal Research*, **2016**, 75, 602-606	0.6	8
143	The extreme 2013/2014 winter storms: Beach recovery along the southwest coast of England. *Marine Geology*, **2016**, 382, 224-241	3.3	85
142	Wave breaking patterns control rip current flow regimes and surfzone retention. *Marine Geology*, **2016**, 382, 176-190	3.3	13
141	Large-scale Barrier Dynamics Experiment II (BARDEX II): Experimental design, instrumentation, test program, and data set. *Coastal Engineering*, **2016**, 113, 3-18	4.8	30
140	Measurements of morphodynamic and hydrodynamic overwash processes in a large-scale wave flume. *Coastal Engineering*, **2016**, 113, 33-46	4.8	30
139	Dynamics of rip currents associated with groynes field measurements, modelling and implications for beach safety. *Coastal Engineering*, **2016**, 107, 53-69	4.8	32
138	Preface: Monitoring and modelling to guide coastal adaptation to extreme storm events in a changing climate. *Natural Hazards and Earth System Sciences*, **2016**, 16, 463-467	3.9	7
137	Extreme wave activity during 2013/2014 winter and morphological impacts along the Atlantic coast of Europe. *Geophysical Research Letters*, **2016**, 43, 2135-2143	4.9	181
136	Sediment transport dynamics in the swash zone under large-scale laboratory conditions. *Continental Shelf Research*, **2016**, 120, 1-13	2.4	5
135	Morpho-sedimentary dynamics of a micro-tidal mixed sand and gravel beach, Playa Granada, southern Spain. *Marine Geology*, **2016**, 379, 28-38	3.3	50
134	Beach response to consecutive extreme storms using LiDAR along the SW coast of England. *Journal of Coastal Research*, **2016**, 75, 1052-1056	0.6	12

133	Accurate Estimation of Wave Reflection on a High Energy, Dissipative Beach. *Journal of Coastal Research*, **2016**, 75, 877-881	0.6	2
132	Synthetic Imagery for the Automated Detection of Rip Currents. *Journal of Coastal Research*, **2016**, 75, 912-916	0.6	6
131	Spatio-temporal Variability in the Tipping Points of a Coastal Defense. *Journal of Coastal Research*, **2016**, 75, 1042-1046	0.6	4
130	Implications of delta retreat on wave propagation and longshore sediment transport - Guadalfeo case study (southern Spain). *Marine Geology*, **2016**, 382, 1-16	3.3	61
129	A new parameterisation for runup on gravel beaches. *Coastal Engineering*, **2016**, 117, 176-190	4.8	71
128	The extreme 2013/2014 winter storms: hydrodynamic forcing and coastal response along the southwest coast of England. *Earth Surface Processes and Landforms*, **2016**, 41, 378-391	3.7	133
127	Vertical structure of near-bed cross-shore flow velocities in the swash zone of a dissipative beach. *Continental Shelf Research*, **2015**, 101, 98-108	2.4	6
126	Observations of gravel beach dynamics during high energy wave conditions using a laser scanner. *Geomorphology*, **2015**, 228, 15-27	4.3	49
125	Modelling the morphodynamics of gravel beaches during storms with XBeach-G. *Coastal Engineering*, **2015**, 103, 52-66	4.8	62
124	Coastal cliff ground motions and response to extreme storm waves. *Geophysical Research Letters*, **2015**, 42, 847-854	4.9	38
123	Introduction to Coastal Environments and Global Change **2015**, 1-27		4
122	SWASH ZONE MORPHODYNAMICS OF COARSE-GRAINED BEACHES DURING ENERGETIC WAVE CONDITIONS. *Coastal Engineering Proceedings*, **2015**, 1, 35	1.4	4
121	Beaches **2015**, 149-177		1
120	Application of airborne LiDAR to investigate rates of recession in rocky coast environments. *Journal of Coastal Conservation*, **2015**, 19, 831-845	1.9	23
119	MULTI-ANNUAL SAND AND GRAVEL BEACH RESPONSE TO STORMS IN THE SOUTHWEST OF ENGLAND **2015**,		4
118	UK STORMS 2014: GRAVEL BEACH RESPONSE **2015**,		2
117	REGIONAL VARIABILITY IN ATLANTIC STORM RESPONSE ALONG THE SOUTHWEST COAST OF ENGLAND **2015**,		2
116	Observations of bedforms on a dissipative macrotidal beach. *Ocean Dynamics*, **2014**, 64, 225-239	2.3	4

115	Response of wave-dominated and mixed-energy barriers to storms. *Marine Geology*, **2014**, 352, 321-347	3.3	93
114	Comprehensive Field Study of Swash-Zone Processes. I: Experimental Design with Examples of Hydrodynamic and Sediment Transport Measurements. *Journal of Waterway, Port, Coastal and Ocean Engineering*, **2014**, 140, 14-28	1.7	22
113	Comprehensive Field Study of Swash-Zone Processes. II: Sheet Flow Sediment Concentrations during Quasi-Steady Backwash. *Journal of Waterway, Port, Coastal and Ocean Engineering*, **2014**, 140, 29-42	1.7	36
112	Role of wave forcing, storms and NAO in outer bar dynamics on a high-energy, macro-tidal beach. *Geomorphology*, **2014**, 226, 76-93	4.3	67
111	Modelling storm hydrodynamics on gravel beaches with XBeach-G. *Coastal Engineering*, **2014**, 91, 231-250	4.8	74
110	Detailed investigation of overwash on a gravel barrier. *Marine Geology*, **2014**, 350, 27-38	3.3	22
109	Morphodynamic variability of high-energy macrotidal beaches, Cornwall, UK. *Marine Geology*, **2014**, 350, 97-111	3.3	19
108	Storm-driven cusp behaviour on a high energy gravel beach. *Journal of Coastal Research*, **2014**, 70, 645-650	0.6	4
107	Megaripple dynamics on a dissipative sandy beach. *Journal of Coastal Research*, **2014**, 70, 187-192	0.6	4
106	Bedform Dynamics in a Rip Current. *Journal of Coastal Research*, **2014**, 70, 700-705	0.6	2
105	Modelling storm response on gravel beaches using XBeach-G. *Proceedings of the Institution of Civil Engineers: Maritime Engineering*, **2014**, 167, 173-191	1.8	15
104	Controls on macrotidal rip current circulation and hazard. *Geomorphology*, **2014**, 214, 198-215	4.3	48
103	Water-level controls on macro-tidal rip currents. *Continental Shelf Research*, **2014**, 75, 28-40	2.4	20
102	Groundwater dynamics in coastal gravel barriers backed by freshwater lagoons and the potential for saline intrusion: Two cases from the UK. *Journal of Marine Systems*, **2013**, 123-124, 19-32	2.7	14
101	High frequency in-situ field measurements of morphological response on a fine gravel beach during energetic wave conditions. *Marine Geology*, **2013**, 342, 1-13	3.3	36
100	Testing numerical hydrodynamic and morphodynamic models against BARDEX II Experiment data sets. *Journal of Coastal Research*, **2013**, 165, 1745-1750	0.6	1
99	Observations of the swash zone on a gravel beach during a storm using a laser-scanner (Lidar). *Journal of Coastal Research*, **2013**, 65, 636-641	0.6	17
98	Suspended Sediment Transport in Rip Currents on a Macrotidal Beach. *Journal of Coastal Research*, **2013**, 165, 1880-1885	0.6	8

97	Coastal sand barrier hydrology □observations from the BARDEX II prototype-scale laboratory experiment. *Journal of Coastal Research*, **2013**, 165, 1886-1891	0.6	5
96	Sensitivity analysis of the methodology for quantifying cliff erosion using airborne LiDAR □ examples from Cornwall, UK.. *Journal of Coastal Research*, **2013**, 65, 470-475	0.6	3
95	Overwash experiment on a sandy barrier. *Journal of Coastal Research*, **2013**, 65, 778-783	0.6	16
94	BARDEX II: Bringing the beach to the laboratory □again!. *Journal of Coastal Research*, **2013**, 165, 1545-1550	0.6	4
93	Predicting overwash on gravel barriers. *Journal of Coastal Research*, **2013**, 165, 1473-1478	0.6	9
92	Rip Current Prediction: Development, Validation, and Evaluation of an Operational Tool. *Journal of Coastal Research*, **2012**, 29, 283	0.6	28
91	Depths of Modern Coastal Sand Clinoforms. *Journal of Sedimentary Research*, **2012**, 82, 469-481	2.1	32
90	Overwash threshold for gravel barriers. *Coastal Engineering*, **2012**, 63, 48-61	4.8	54
89	Large-scale laboratory investigation into the effect of varying back-barrier lagoon water levels on gravel beach morphology and swash zone sediment transport. *Coastal Engineering*, **2012**, 63, 23-38	4.8	20
88	Coastal gravel barrier hydrology □Observations from a prototype-scale laboratory experiment (BARDEX). *Coastal Engineering*, **2012**, 63, 13-22	4.8	13
87	Barrier dynamics experiment (BARDEX): Aims, design and procedures. *Coastal Engineering*, **2012**, 63, 3-12	4.8	31
86	CONTRASTING STORM IMPACTS ON GRAVEL BEACHES □EXAMPLES FROM SOUTH ENGLAND. *Coastal Engineering Proceedings*, **2012**, 1, 84	1.4	2
85	Can standard energetics models be used to predict net cross-shore sediment flux at the beach face?. *Australian Journal of Civil Engineering*, **2011**, 9, 19-34	1.8	2
84	Morphodynamic characteristics and classification of beaches in England and Wales. *Marine Geology*, **2011**, 286, 1-20	3.3	110
83	The ECORS-Truc Vert□8 nearshore field experiment: presentation of a three-dimensional morphologic system in a macro-tidal environment during consecutive extreme storm conditions. *Ocean Dynamics*, **2011**, 61, 2073-2098	2.3	29
82	Swash zone sediment fluxes: Field observations. *Coastal Engineering*, **2011**, 58, 28-44	4.8	47
81	Alongshore fluid motions in the swash zone of a sandy and gravel beach. *Coastal Engineering*, **2011**, 58, 690-705	4.8	7
80	The Coast of Australia □By Andrew D Short and Colin D Woodroffe. *Geographical Journal*, **2010**, 176, 376-377	2.2	

79	Holocene book review: Simon K. Haslett Coastal systems (2nd Edition) Abingdon: Routledge, 2009, 240 pp. £23.99, paperback, ISBN 978 0 415 44060 8. *Holocene*, **2010**, 20, 1005-1006	2.6	
78	Temporal observations of rip current circulation on a macro-tidal beach. *Continental Shelf Research*, **2010**, 30, 1149-1165	2.4	85
77	Swash zone sediment transport, step dynamics and morphological response on a gravel beach. *Marine Geology*, **2010**, 274, 50-68	3.3	52
76	Storm response and beach rotation on a gravel beach, Slapton Sands, U.K.. *Marine Geology*, **2010**, 278, 77-99	3.3	72
75	Determination of wave-shoreline dynamics on a macrotidal gravel beach using Canonical Correlation Analysis. *Coastal Engineering*, **2010**, 57, 290-303	4.8	17
74	Validation of volume continuity method for estimation of cross-shore swash flow velocity. *Coastal Engineering*, **2010**, 57, 953-958	4.8	12
73	Onshore sediment transport on a sandy beach under varied wave conditions: Flow velocity skewness, wave asymmetry or bed ventilation?. *Marine Geology*, **2009**, 259, 86-101	3.3	25
72	Net sediment transport and morphological change in the swash zone of a high-energy sandy beach from swash event to tidal cycle time scales. *Marine Geology*, **2009**, 267, 18-35	3.3	59
71	Grain-size information from the statistical properties of digital images of sediment. *Sedimentology*, **2009**, 56, 421-438	3.3	68
70	Tide-driven dune migration and sediment transport on an intertidal shoal in a shallow estuary in Devon, UK. *Marine Geology*, **2009**, 262, 82-95	3.3	17
69	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
68	A cross-shore suspended sediment transport shape function parameterisation for natural beaches. *Continental Shelf Research*, **2009**, 29, 1948-1960	2.4	8
67	Field Observations of Sediment Fluxes in the Inner-Surf and Swash Zones. *Journal of Coastal Research*, **2009**, 254, 991-1001	0.6	4
66	27. FIELD MEASUREMENTS OF NET SEDIMENT FLUX FROM INDIVIDUAL SWASHES ON A SANDY BEACH **2009**,		1
65	Sediment trend models fail to reproduce small-scale sediment transport patterns on an intertidal beach. *Sedimentology*, **2008**, 55, 667-687	3.3	23
64	Dynamics of multiple intertidal bars over semi-diurnal and lunar tidal cycles, North Lincolnshire, England. *Earth Surface Processes and Landforms*, **2008**, 33, 1473-1490	3.7	12
63	Cross-shore sediment transport and morphological response on a macrotidal beach with intertidal bar morphology, Truc Vert, France. *Marine Geology*, **2008**, 251, 141-155	3.3	46
62	The effect of bedform dynamics on computing suspended sediment fluxes using optical backscatter sensors and current meters. *Coastal Engineering*, **2008**, 55, 251-260	4.8	15

61	Geometry and dynamics of wave ripples in the nearshore zone of a coarse sandy beach. *Journal of Geophysical Research*, **2007**, 112,		32
60	Relaxation time effects of wave ripples on tidal beaches. *Geophysical Research Letters*, **2007**, 34,	4.9	54
59	Short-term morphological change and sediment dynamics in the intertidal zone of a macrotidal beach. *Sedimentology*, **2007**, 54, 39-53	3.3	30
58	Concepts in gravel beach dynamics. *Earth-Science Reviews*, **2006**, 79, 33-52	10.2	142
57	Characteristics and dynamics of multiple intertidal bars, north Lincolnshire, England. *Earth Surface Processes and Landforms*, **2006**, 31, 428-443	3.7	29
56	Infiltration and Exfiltration on a Steep Gravel Beach: Implications for Sediment Transport **2006**, 1		2
55	Evidence of a Mid-Holocene Sea Level Highstand from the Sedimentary Record of a Macrotidal Barrier and Paleoestuary System in Northwestern Australia. *Journal of Coastal Research*, **2006**, 221, 100-112	0.6	24
54	Morphodynamics of intertidal bars in wave-dominated coastal settings □A review. *Geomorphology*, **2006**, 73, 33-49	4.3	132
53	Swash-zone morphodynamics. *Continental Shelf Research*, **2006**, 26, 661-680	2.4	171
52	Swash□groundwater interaction on a steep gravel beach. *Continental Shelf Research*, **2006**, 26, 2503-2519	2.4	35
51	Field Measurements of Flow Velocities on a Dissipative and Reflective Beach □Implications for Swash Sediment Transport **2006**, 1		1
50	Flow velocities, sediment transport and morphological change in the swash zone of two contrasting beaches. *Marine Geology*, **2006**, 227, 227-240	3.3	61
49	Observations of morphological change and sediment transport on a steep gravel beach. *Marine Geology*, **2006**, 229, 59-77	3.3	92
48	The Application of Bagnold-Type Sediment Transport Models in the Swash Zone. *Journal of Coastal Research*, **2005**, 215, 887-895	0.6	25
47	Suspended sediment transport in the swash zone of a dissipative beach. *Marine Geology*, **2005**, 216, 169-189	3.3	89
46	Evaluation of Longshore Transport Equations with OBS Sensors, Streamer Traps, and Fluorescent Tracer. *Journal of Coastal Research*, **2005**, 215, 915-931	0.6	27
45	The role of bore collapse and local shear stresses on the spatial distribution of sediment load in the uprush of an intermediate-state beach. *Marine Geology*, **2004**, 203, 109-118	3.3	56
44	Formation and evolution of multiple intertidal bars on macrotidal beaches: application of a morphodynamic model. *Coastal Engineering*, **2004**, 51, 713-730	4.8	36

43	Test of edge wave forcing during formation of rhythmic beach morphology. *Journal of Geophysical Research*, **2004**, 109,		24
42	The influence of bore turbulence on sediment transport in the swash and inner surf zones. *Continental Shelf Research*, **2004**, 24, 757-771	2.4	86
41	BeachWin: modelling groundwater effects on swash sediment transport and beach profile changes. *Environmental Modelling and Software*, **2002**, 17, 313-320	5.2	60
40	Morphodynamics of intertidal bar morphology on a macrotidal beach under low-energy wave conditions, North Lincolnshire, England. *Marine Geology*, **2002**, 190, 591-608	3.3	69
39	Low energy sandy beaches in marine and estuarine environments: a review. *Geomorphology*, **2002**, 48, 147-162	4.3	118
38	Seasonal changes in beach morphology along the sheltered coastline of Perth, Western Australia. *Marine Geology*, **2001**, 172, 243-263	3.3	129
37	The role of swash infiltration in determining the beachface gradient: a numerical study. *Marine Geology*, **2001**, 176, 139-156	3.3	86
36	Location and height of intertidal bars on macrotidal ridge and runnel beaches. *Earth Surface Processes and Landforms*, **2001**, 26, 759-774	3.7	46
35	Tidal asymmetry in sediment resuspension on a macrotidal beach in northwestern Australia. *Marine Geology*, **2000**, 163, 257-274	3.3	28
34	Sea Breeze Climatology and Nearshore Processes along the Perth Metropolitan Coastline, Western Australia **1999**, 3165		
33	A morphodynamic model to simulate the seasonal closure of tidal inlets. *Coastal Engineering*, **1999**, 37, 1-36	4.8	67
32	Alongshore variation in beach cusp morphology in a coastal embayment. *Earth Surface Processes and Landforms*, **1999**, 24, 335-347	3.7	30
31	Offshore wave climate, Perth (Western Australia), 1994 - 96. *Marine and Freshwater Research*, **1999**, 50, 95	2.2	58
30	The effect of sea breeze on beach morphology, surf zone hydrodynamics and sediment resuspension. *Marine Geology*, **1998**, 146, 115-135	3.3	64
29	Morphological evolution of beach cusps and associated swash circulation patterns. *Marine Geology*, **1998**, 146, 93-113	3.3	39
28	Field investigation of wave propagation over a bar and the consequent generation of secondary waves. *Coastal Engineering*, **1998**, 33, 1-9	4.8	38
27	Field investigation of sediment transport in the swash zone. *Continental Shelf Research*, **1998**, 18, 1179-1199	2.4	151
26	Swash infiltration-exfiltration and sediment transport. *Journal of Geophysical Research*, **1998**, 103, 30813-30824		142

25	Sea Breeze Effects on Nearshore Coastal Processes **1997**, 4200		
24	Flow velocity and sediment transport in the swash zone of a steep beach. *Marine Geology*, **1997**, 138, 91-103	3.3	118
23	Beach cusp morphodynamics. *Earth Surface Processes and Landforms*, **1997**, 22, 1139-1155	3.7	54
22	SPECTRAL ANALYSIS OF GEOMORPHIC TIME SERIES: AUTO-SPECTRUM. *Earth Surface Processes and Landforms*, **1996**, 21, 1021-1040	3.7	29
21	Morphodynamic evolution of a macrotidal barrier estuary. *Marine Geology*, **1995**, 129, 25-46	3.3	39
20	Morphodynamics of meso- and macrotidal beaches: examples from central Queensland, Australia. *Marine Geology*, **1995**, 129, 1-23	3.3	75
19	Group bound long waves as a source of infragravity energy in the surf zone. *Continental Shelf Research*, **1995**, 15, 1525-1547	2.4	63
18	Magnitude and cross-shore distribution of bed return flow measured on natural beaches. *Coastal Engineering*, **1995**, 25, 165-190	4.8	38
17	Sandy beaches can survive sea-level rise		4
16	A novel rules-based shoreface translation model for predicting future coastal change: ShoreTrans		3
15	Rock Coasts356-379		
14	Coping with Coastal Change410-431		
13	High-Latitude Coasts338-355		2
12	Tidal Flats and Salt Marshes227-250		1
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