

# Zheng B Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150  
papers

4,198  
citations

36  
h-index

59  
g-index

176  
ext. papers

5,108  
ext. citations

3.4  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
150	Future sediment exchange between the Dutch Wadden Sea and North Sea Coast - Insights based on ASMITA modelling. <i>Ocean and Coastal Management</i> , <b>2022</b> , 219, 106067	3.9	1
149	Development of intertidal flats in the Dutch Wadden Sea in response to a rising sea level: Spatial differentiation and sensitivity to the rate of sea level rise. <i>Ocean and Coastal Management</i> , <b>2022</b> , 216, 105969	3.9	2
148	River, tide and morphology interaction in a macro-tidal estuary with active morphological evolutions. <i>Catena</i> , <b>2022</b> , 212, 106131	5.8	1
147	A novel approach to mapping ebb-tidal delta morphodynamics and stratigraphy. <i>Geomorphology</i> , <b>2022</b> , 405, 108185	4.3	
146	Changjiang Delta in the Anthropocene: Multi-scale hydro-morphodynamics and management challenges. <i>Earth-Science Reviews</i> , <b>2021</b> , 223, 103850	10.2	1
145	Field measurements and numerical modelling of wind-driven exchange flows in a tidal inlet system in the Dutch Wadden Sea. <i>Ocean and Coastal Management</i> , <b>2021</b> , 215, 105941	3.9	3
144	Sediment Characteristics and Intertidal Beach Slopes along the Jiangsu Coast, China. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 347	2.4	2
143	Study of Sediment Transport in a Tidal Channel-Shoal System: Lateral Effects and Slack-Water Dynamics. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC016334	3.3	2
142	Two-Channel System Dynamics of the Outer Weser Estuary: A Modeling Study. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 448	2.4	0
141	Effects of Sediment-Induced Density Gradients on the Estuarine Turbidity Maximum in the Yangtze Estuary. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC016927	3.3	4
140	Accretion-erosion conversion in the subaqueous Yangtze Delta in response to fluvial sediment decline. <i>Geomorphology</i> , <b>2021</b> , 382, 107680	4.3	6
139	Characterizing the Composition of Sand and Mud Suspensions in Coastal and Estuarine Environments Using Combined Optical and Acoustic Measurements. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2021JC017354	3.3	2
138	Regime shifts in the Changjiang (Yangtze River) Estuary: The role of concentrated benthic suspensions. <i>Marine Geology</i> , <b>2021</b> , 433, 106403	3.3	4
137	The contribution of sand and mud to infilling of tidal basins in response to a closure dam. <i>Marine Geology</i> , <b>2021</b> , 439, 106544	3.3	1
136	Exploration of Decadal Tidal Evolution in Response to Morphological and Sedimentary Changes in the Yangtze Estuary. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC017019	3.3	0
135	Morphodynamic adaptation of a tidal basin to centennial sea-level rise: The importance of lateral expansion. <i>Continental Shelf Research</i> , <b>2021</b> , 226, 104494	2.4	0
134	Seasonal variation of floc population influenced by the presence of algae in the Changjiang (Yangtze River) Estuary. <i>Marine Geology</i> , <b>2021</b> , 440, 106600	3.3	4

133	Tracking fluorescent and ferrimagnetic sediment tracers on an energetic ebb-tidal delta to monitor grain size-selective dispersal. <i>Ocean and Coastal Management</i> , <b>2021</b> , 212, 105835	3.9	2
132	Morphodynamic modeling the impact of large-scale embankment on the large bar in a convergent estuary. <i>Marine Geology</i> , <b>2021</b> , 442, 106638	3.3	2
131	Physiological and biochemical responses of the salt-marsh plant <i>Spartina alterniflora</i> to long-term wave exposure. <i>Annals of Botany</i> , <b>2020</b> , 125, 291-300	4.1	2
130	Ecological impact of land reclamation on Jiangsu coast (China): A novel ecotope assessment for Tongzhou Bay. <i>Water Science and Engineering</i> , <b>2020</b> , 13, 57-64	4	5
129	Dynamic Response of the Fluid Mud to a Tropical Storm. <i>Journal of Geophysical Research: Oceans</i> , <b>2020</b> , 125, e2019JC015419	3.3	6
128	Sediment Disposals in Estuarine Channels Alter the Eco-Morphology of Intertidal Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2020</b> , 125, e2019JF005432	3.8	3
127	Aggregated morphodynamic modelling of tidal inlets and estuaries. <i>Water Science and Engineering</i> , <b>2020</b> , 13, 1-13	4	4
126	Measurements of hydrodynamics, sediment, morphology and benthos on Ameland ebb-tidal delta and lower shoreface. <i>Earth System Science Data</i> , <b>2020</b> , 12, 2775-2786	10.5	10
125	Sediment Connectivity: A Framework for Analyzing Coastal Sediment Transport Pathways. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2020</b> , 125, e2020JF005595	3.8	5
124	The Longitudinal Profile of a Prograding River and Its Response to Sea Level Rise. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL090450	4.9	2
123	Strong Inland Propagation of Low-Frequency Long Waves in River Estuaries. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089112	4.9	6
122	Building for Nature: Preserving Threatened Bird Habitat in Port Design. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2134	3	3
121	Variations in storm-induced bed level dynamics across intertidal flats. <i>Scientific Reports</i> , <b>2020</b> , 10, 12877	4.9	4
120	Wave Controls on Deltaic Shoreline-Channel Morphodynamics: Insights From a Coupled Model. <i>Water Resources Research</i> , <b>2020</b> , 56, e2020WR027298	5.4	3
119	An integrated optic and acoustic (IOA) approach for measuring suspended sediment concentration in highly turbid environments. <i>Marine Geology</i> , <b>2020</b> , 421, 106062	3.3	6
118	A Morphodynamic Modeling Study on the Formation of the Large-Scale Radial Sand Ridges in the Southern Yellow Sea. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2019</b> , 124, 1742-1761	3.8	7
117	Decadal morphological evolution of the mouth zone of the Yangtze Estuary in response to human interventions. <i>Earth Surface Processes and Landforms</i> , <b>2019</b> , 44, 2319-2332	3.7	13
116	Sand-Mud Tidal Flat Morphodynamics Influenced by Alongshore Tidal Currents. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 3818-3836	3.3	8

115	Long-Term Cumulative Effects of Intra-Annual Variability of Unsteady River Discharge on the Progradation of Delta Lobes: A Modeling Perspective. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2019</b> , 124, 960-973	3.8	10
114	The heterogeneity of mudflat erodibility. <i>Geomorphology</i> , <b>2019</b> , 345, 106834	4.3	8
113	From the headwater to the delta: A synthesis of the basin-scale sediment load regime in the Changjiang River. <i>Earth-Science Reviews</i> , <b>2019</b> , 197, 102900	10.2	28
112	Amplification and deformation of tidal wave in the Upper Scheldt Estuary. <i>Ocean Dynamics</i> , <b>2019</b> , 69, 829-839	2.3	11
111	Study of Lateral Flow in a Stratified Tidal Channel-Shoal System: The Importance of Intratidal Salinity Variation. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 6702-6719	3.3	7
110	Future Response of the Wadden Sea Tidal Basins to Relative Sea-Level rise—An Aggregated Modelling Approach. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2198	3	15
109	OBSERVATIONS OF SUSPENDED PARTICLE SIZE DISTRIBUTION ON AN ENERGETIC EBB-TIDAL DELTA <b>2019</b> ,		3
108	Daily Topographic Change Patterns of Tidal Flats in Response to Anthropogenic Activities: Analysis through Coastal Video Imagery. <i>Journal of Coastal Research</i> , <b>2019</b> , 36, 103	0.6	3
107	Quantification of Tidal Asymmetry and Its Nonstationary Variations. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 773-787	3.3	26
106	Progradation Speed of Tide-Dominated Tidal Flats Decreases Stronger Than Linearly With Decreasing Sediment Availability and Linearly With Sea Level Rise. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 262-271	4.9	3
105	On the stability relationships between tidal asymmetry and morphologies of tidal basins and estuaries. <i>Earth Surface Processes and Landforms</i> , <b>2018</b> , 43, 1943-1959	3.7	17
104	An analysis on half century morphological changes in the Changjiang Estuary: Spatial variability under natural processes and human intervention. <i>Journal of Marine Systems</i> , <b>2018</b> , 181, 25-36	2.7	32
103	ASSESSING CLIMATE CHANGE IMPACTS ON THE STABILITY OF SMALL TIDAL INLETS: Part 2- DATA RICH ENVIRONMENTS. <i>Marine Geology</i> , <b>2018</b> , 395, 65-81	3.3	19
102	Morphodynamic impacts of large-scale engineering projects in the Yangtze River delta. <i>Coastal Engineering</i> , <b>2018</b> , 141, 1-11	4.8	27
101	Parallel Morphodynamic Modelling for the Yangtze Estuary. <i>Journal of Coastal Research</i> , <b>2018</b> , 85, 641-646		56
100	Morphodynamic Feedback Loops Control Stable Fringing Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2018</b> , 123, 2993-3012	3.8	7
99	The Importance of Combined Tidal and Meteorological Forces for the Flow and Sediment Transport on Intertidal Shoals. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2018</b> , 123, 2464-2480	3.8	7
98	Formation of Concentrated Benthic Suspension in a Time-Dependent Salt Wedge Estuary. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 8581-8607	3.3	13

97	Combined Effects of Unsteady River Discharges and Wave Conditions on River Mouth Bar Morphodynamics. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 12,903	4.9	11
96	Sediment budget and morphological development of the Dutch Wadden Sea: impact of accelerated sea-level rise and subsidence until 2100. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , <b>2018</b> , 97, 183-214	1.1	15
95	Modelling tidal-induced sediment transport in a sand-silt mixed environment from days to years: Application to the Jiangsu coastal water, China. <i>Coastal Engineering</i> , <b>2018</b> , 141, 86-106	4.8	4
94	The relationship between inundation duration and <i>Spartina alterniflora</i> growth along the Jiangsu coast, China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 213, 305-313	2.9	11
93	Morphodynamics of the Qiantang Estuary, China: Controls of river flood events and tidal bores. <i>Marine Geology</i> , <b>2018</b> , 406, 27-33	3.3	14
92	Bed-level changes on intertidal wetland in response to waves and tides: A case study from the Yangtze River Delta. <i>Marine Geology</i> , <b>2017</b> , 385, 160-172	3.3	27
91	The differences in morphological development between the intertidal flats of the Eastern and Western Scheldt. <i>Geomorphology</i> , <b>2017</b> , 281, 31-42	4.3	30
90	Process-based morphodynamic modeling of the Yangtze Estuary at a decadal timescale: Controls on estuarine evolution and future trends. <i>Geomorphology</i> , <b>2017</b> , 290, 347-364	4.3	48
89	Exploratory morphodynamic hindcast of the evolution of the abandoned Yellow River delta, 1578-1855 CE. <i>Marine Geology</i> , <b>2017</b> , 383, 99-119	3.3	8
88	Mechanisms of hyperconcentrated flood propagation in a dynamic channel-floodplain system. <i>Advances in Water Resources</i> , <b>2017</b> , 107, 470-489	4.7	4
87	The variations of sediment transport patterns in the outer Changjiang Estuary and Hangzhou Bay over the last 30 years. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 2999-3020	3.3	20
86	Is Morphodynamic Equilibrium an oxymoron?. <i>Earth-Science Reviews</i> , <b>2017</b> , 165, 257-267	10.2	88
85	Local human activities overwhelm decreased sediment supply from the Changjiang River: Continued rapid accumulation in the Hangzhou Bay-Qiantang Estuary system. <i>Marine Geology</i> , <b>2017</b> , 392, 66-77	3.3	39
84	Tidal controls on river delta morphology. <i>Nature Geoscience</i> , <b>2017</b> , 10, 637-645	18.3	106
83	Morphodynamic modeling of a large inside sandbar and its dextral morphology in a convergent estuary: Qiantang Estuary, China. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2017</b> , 122, 1553-1572	3.8	17
82	SPM response to tide and river flow in the hyper-turbid Ems River. <i>Ocean Dynamics</i> , <b>2017</b> , 67, 559-583	2.3	13
81	Exploratory morphodynamic modeling of the evolution of the Jiangsu coast, China, since 1855: Contributions of old Yellow River-derived sediment. <i>Marine Geology</i> , <b>2017</b> , 390, 306-320	3.3	12
80	Net sediment transport in tidal basins: quantifying the tidal barotropic mechanisms in a unified framework. <i>Ocean Dynamics</i> , <b>2017</b> , 67, 1385-1406	2.3	18

79	Development and extension of an aggregated scale model: Part 1 [Background to ASMITA. <i>China Ocean Engineering</i> , <b>2016</b> , 30, 483-504	1.1	16
78	Bed shear stress estimation on an open intertidal flat using in situ measurements. <i>Estuarine, Coastal and Shelf Science</i> , <b>2016</b> , 182, 190-201	2.9	30
77	Decadal morphological evolution of the Yangtze Estuary in response to river input changes and estuarine engineering projects. <i>Geomorphology</i> , <b>2016</b> , 265, 12-23	4.3	98
76	Conversion of electro-optical signals to sediment concentration in a silt-and suspension environment. <i>Coastal Engineering</i> , <b>2016</b> , 114, 284-294	4.8	4
75	Exploring the impacts of multiple tidal constituents and varying river flow on long-term, large-scale estuarine morphodynamics by means of a 1-D model. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2016</b> , 121, 1000-1022	3.8	28
74	Development and extension of an aggregated scale model: Part 2 [Extensions to ASMITA. <i>China Ocean Engineering</i> , <b>2016</b> , 30, 651-670	1.1	8
73	The effect of land reclamations and sediment extraction on the suspended sediment concentration in the Ems Estuary. <i>Marine Geology</i> , <b>2016</b> , 376, 147-157	3.3	45
72	Coupling bedform roughness and sediment grain-size sorting in modelling of tidal inlet incision. <i>Marine Geology</i> , <b>2016</b> , 381, 128-141	3.3	13
71	Analysis on residual coarse sediment transport in estuaries. <i>Estuarine, Coastal and Shelf Science</i> , <b>2015</b> , 163, 194-205	2.9	14
70	Tidal Wave Propagation in the Yellow Sea. <i>Coastal Engineering Journal</i> , <b>2015</b> , 57, 1550008-1-1550008-29	2.8	10
69	Human impacts on morphodynamic thresholds in estuarine systems. <i>Continental Shelf Research</i> , <b>2015</b> , 111, 174-183	2.4	63
68	Long-term, process-based morphodynamic modeling of a fluvio-deltaic system, part I: The role of river discharge. <i>Continental Shelf Research</i> , <b>2015</b> , 109, 95-111	2.4	26
67	River-tide dynamics: Exploration of nonstationary and nonlinear tidal behavior in the Yangtze River estuary. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 3499-3521	3.3	106
66	Windows of opportunity for salt marsh vegetation establishment on bare tidal flats: The importance of temporal and spatial variability in hydrodynamic forcing. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2015</b> , 120, 1450-1469	3.7	73
65	Predicting long-term and short-term tidal flat morphodynamics using a dynamic equilibrium theory. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2015</b> , 120, 1803-1823	3.8	46
64	Experiment inspired numerical modeling of sediment concentration over sand-silt mixtures. <i>Coastal Engineering</i> , <b>2015</b> , 105, 75-89	4.8	15
63	Do intertidal flats ever reach equilibrium?. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2015</b> , 120, 2406-2436	3.8	23
62	Long-Term Effects of Water Diversions on the Longitudinal Flow and Bed Profiles. <i>Journal of Hydraulic Engineering</i> , <b>2014</b> , 140, 04014021	1.8	8

61	Peak discharge increase in hyperconcentrated floods. <i>Advances in Water Resources</i> , <b>2014</b> , 67, 65-77	4.7	20
60	Interaction between suspended sediment and tidal amplification in the Guadalquivir Estuary. <i>Ocean Dynamics</i> , <b>2014</b> , 64, 1487-1498	2.3	20
59	Man-induced regime shifts in small estuariesII: a comparison of rivers. <i>Ocean Dynamics</i> , <b>2013</b> , 63, 1293-1306	3.0	96
58	Man-induced regime shifts in small estuariesI theory. <i>Ocean Dynamics</i> , <b>2013</b> , 63, 1279-1292	2.3	86
57	A 1D model for tides waves and fine sediment in short tidal basinsApplication to the Wadden Sea. <i>Ocean Dynamics</i> , <b>2013</b> , 63, 1233-1248	2.3	6
56	Numerical modeling of tidal currents, sediment transport and morphological evolution in Hangzhou Bay, China. <i>International Journal of Sediment Research</i> , <b>2013</b> , 28, 316-328	3	40
55	A global analysis of erosion of sandy beaches and sea-level rise: An application of DIVA. <i>Global and Planetary Change</i> , <b>2013</b> , 111, 150-158	4.2	141
54	Movement of tidal watersheds in the Wadden Sea and its consequences on the morphological development. <i>International Journal of Sediment Research</i> , <b>2013</b> , 28, 162-171	3	11
53	Morphological Effects of the Eastern Scheldt Storm Surge Barrier on the Ebb-Tidal Delta. <i>Coastal Engineering Journal</i> , <b>2013</b> , 55, 1350010-1-1350010-26	2.8	14
52	Comparison of Morphodynamic Models for the Lower Yellow River1. <i>Journal of the American Water Resources Association</i> , <b>2013</b> , 49, 114-131	2.1	11
51	Morphological modeling using a fully coupled, total variation diminishing upwind-biased centered scheme. <i>Water Resources Research</i> , <b>2013</b> , 49, 3547-3565	5.4	15
50	Influence of the nodal tide on the morphological response of estuaries. <i>Marine Geology</i> , <b>2012</b> , 291-294, 73-82	3.3	22
49	Morphological Impact of the Construction of an Offshore Yangshan Deepwater Harbor in the Port of Shanghai, China. <i>Journal of Coastal Research</i> , <b>2012</b> , 278, 163-173	0.6	7
48	Process-Based Morphodynamic Modeling of a Schematized Mudflat Dominated by a Long-Shore Tidal Current at the Central Jiangsu Coast, China. <i>Journal of Coastal Research</i> , <b>2012</b> , 285, 1381-1392	0.6	19
47	Bedform characteristics during falling flood stage and morphodynamic interpretation of the middlelower Changjiang (Yangtze) River channel, China. <i>Geomorphology</i> , <b>2012</b> , 147-148, 18-26	4.3	21
46	Morphodynamics of the Wadden Sea and its barrier island system. <i>Ocean and Coastal Management</i> , <b>2012</b> , 68, 39-57	3.9	75
45	Barrier island management: Lessons from the past and directions for the future. <i>Ocean and Coastal Management</i> , <b>2012</b> , 68, 18-38	3.9	60
44	Impact of Back-Barrier Dams on the Development of the Ebb-Tidal Delta of the Eastern Scheldt. <i>Journal of Coastal Research</i> , <b>2012</b> , 285, 1591-1605	0.6	16



43	Morphodynamic development and sediment budget of the Dutch Wadden Sea over the last century. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , <b>2012</b> , 91, 293-310	1.1	52
42	Predicting the Morphodynamic Response of Silt-Laden Rivers to Water and Sediment Release from Reservoirs: Lower Yellow River, China. <i>Journal of Hydraulic Engineering</i> , <b>2011</b> , 137, 90-99	1.8	14
41	Controls on river delta formation; insights from numerical modelling. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 302, 217-226	5.3	112
40	Predicting the effect of a Current Deflecting Wall on harbour siltation. <i>Continental Shelf Research</i> , <b>2011</b> , 31, S182-S198	2.4	10
39	Eco-Morphological Problems in the Yangtze Estuary and the Western Scheldt. <i>Wetlands</i> , <b>2011</b> , 31, 1033-1042	1.42	46
38	Estuary schematisation in behaviour-oriented modelling. <i>Marine Geology</i> , <b>2011</b> , 281, 27-34	3.3	16
37	A STUDY ON SEDIMENTATION OF TIDAL RIVERS AND CHANNELS FLOWING INTO DEEP BAY WITH A DELFT3D MODEL <b>2011</b> , 1444-1451		2
36	A PROCESS-BASED APPROACH TO SEDIMENT TRANSPORT. <i>Coastal Engineering Proceedings</i> , <b>2011</b> , 1, 83	1.4	7
35	The influence of changes in tidal asymmetry on residual sediment transport in the Western Scheldt. <i>Continental Shelf Research</i> , <b>2010</b> , 30, 871-882	2.4	35
34	Dynamics and spatial variability of near-bottom sediment exchange in the Yangtze Estuary, China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2010</b> , 86, 322-330	2.9	92
33	Impact of dredging and dumping on the stability of ebb-flood channel systems. <i>Coastal Engineering</i> , <b>2010</b> , 57, 553-566	4.8	38
32	A 2D/3D hydrodynamic and sediment transport model for the Yangtze Estuary, China. <i>Journal of Marine Systems</i> , <b>2009</b> , 77, 114-136	2.7	154
31	Suspended sediment dynamics and morphodynamics in the Yellow River, China. <i>Sedimentology</i> , <b>2009</b> , 56, 785-806	3.3	37
30	Modeling the tidal channel morphodynamics in a macro-tidal embayment, Hangzhou Bay, China. <i>Continental Shelf Research</i> , <b>2009</b> , 29, 1757-1767	2.4	90
29	Presence of Connecting Channels in the Western Scheldt Estuary. <i>Journal of Coastal Research</i> , <b>2009</b> , 253, 627-640	0.6	22
28	Long-term morphodynamic evolution and energy dissipation in a coastal plain, tidal embayment. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		53
27	Impact of water diversion on the morphological development of the Lower Yellow River. <i>International Journal of Sediment Research</i> , <b>2008</b> , 23, 13-27	3	28
26	Modelling impact of dredging and dumping in ebb-flood channel systems. <i>Transactions of Tianjin University</i> , <b>2008</b> , 14, 271-281	2.9	4



25	Long-term process-based morphological modeling of the Marsdiep Tidal Basin. <i>Marine Geology</i> , <b>2008</b> , 256, 90-100	3.3	110
24	Millennial to annual volume changes in the Humber Estuary. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2007</b> , 463, 837-854	2.4	29
23	DIFFERENT IMPLEMENTATION SCENARIOS FOR THE LARGE SCALE COASTAL POLICY OF THE NETHERLANDS <b>2007</b> ,		3
22	Modelling sandbed morphodynamics in the Friesche Zeegat. <i>Ocean Dynamics</i> , <b>2006</b> , 56, 248-265	2.3	22
21	Flow velocity profiles in the Lower Scheldt estuary. <i>Ocean Dynamics</i> , <b>2006</b> , 56, 284-294	2.3	19
20	Modeling of channel patterns in short tidal basins. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		94
19	Impact of vegetation on flow routing and sedimentation patterns: Three-dimensional modeling for a tidal marsh. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110, n/a-n/a		199
18	Biological influences on morphology and bed composition of an intertidal flat. <i>Estuarine, Coastal and Shelf Science</i> , <b>2005</b> , 64, 577-590	2.9	47
17	Sandbed morphodynamics in a short tidal basin. <i>Ocean Dynamics</i> , <b>2004</b> , 54, 385	2.3	31
16	Morphological response of tidal basins to human interventions. <i>Coastal Engineering</i> , <b>2004</b> , 51, 207-221	4.8	53
15	Estuarine morphodynamics. <i>Coastal Engineering</i> , <b>2004</b> , 51, 765-778	4.8	58
14	Comment on Depth-integrated modeling of suspended sediment transport by M. Bolla Pittaluga and G. Seminara. <i>Water Resources Research</i> , <b>2004</b> , 40,	5.4	2
13	Comparison of longitudinal equilibrium profiles of estuaries in idealized and process-based models. <i>Ocean Dynamics</i> , <b>2003</b> , 53, 252-269	2.3	32
12	Impact of sea-level rise on the morphological equilibrium state of tidal inlets. <i>Marine Geology</i> , <b>2003</b> , 202, 211-227	3.3	127
11	Chapter 13 Morphodynamic modeling of tidal basins and coastal inlets. <i>Elsevier Oceanography Series</i> , <b>2003</b> , 367-392		26
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