

Zheng B Wang

List of Publications by Year in descending order

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164
papers

5,879
citations

76196

40
h-index

95083

68
g-index

176
all docs

176
docs citations

176
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of vegetation on flow routing and sedimentation patterns: Three-dimensional modeling for a tidal marsh. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	250
2	A global analysis of erosion of sandy beaches and sea-level rise: An application of DIVA. <i>Global and Planetary Change</i> , 2013, 111, 150-158.	1.6	197
3	A 2D/3D hydrodynamic and sediment transport model for the Yangtze Estuary, China. <i>Journal of Marine Systems</i> , 2009, 77, 114-136.	0.9	188
4	Impact of sea-level rise on the morphological equilibrium state of tidal inlets. <i>Marine Geology</i> , 2003, 202, 211-227.	0.9	154
5	River-tide dynamics: Exploration of nonstationary and nonlinear tidal behavior in the Yangtze River estuary. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3499-3521.	1.0	154
6	Tidal controls on river delta morphology. <i>Nature Geoscience</i> , 2017, 10, 637-645.	5.4	148
7	Decadal morphological evolution of the Yangtze Estuary in response to river input changes and estuarine engineering projects. <i>Geomorphology</i> , 2016, 265, 12-23.	1.1	135
8	Controls on river delta formation; insights from numerical modelling. <i>Earth and Planetary Science Letters</i> , 2011, 302, 217-226.	1.8	133
9	Man-induced regime shifts in small estuaries: A comparison of rivers. <i>Ocean Dynamics</i> , 2013, 63, 1293-1306.	0.9	133
10	Morphology and asymmetry of the vertical tide in the Westerschelde estuary. <i>Continental Shelf Research</i> , 2002, 22, 2599-2609.	0.9	129
11	Long-term process-based morphological modeling of the Marsdiep Tidal Basin. <i>Marine Geology</i> , 2008, 256, 90-100.	0.9	129
12	Stability of river bifurcations in 1D morphodynamic models. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 1995, 33, 739-750.	0.7	124
13	Modeling the tidal channel morphodynamics in a macro-tidal embayment, Hangzhou Bay, China. <i>Continental Shelf Research</i> , 2009, 29, 1757-1767.	0.9	120
14	Man-induced regime shifts in small estuaries: A theory. <i>Ocean Dynamics</i> , 2013, 63, 1279-1292.	0.9	116
15	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> , 2015, 120, 1450-1469.	1.3	112
16	Is 'Morphodynamic Equilibrium' an oxymoron?. <i>Earth-Science Reviews</i> , 2017, 165, 257-267.	4.0	112
17	Modeling of channel patterns in short tidal basins. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	106
18	Dynamics and spatial variability of near-bottom sediment exchange in the Yangtze Estuary, China. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 322-330.	0.9	105

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19	Morphodynamics of the Wadden Sea and its barrier island system. <i>Ocean and Coastal Management</i> , 2012, 68, 39-57.	2.0	93
20	Morphodynamic modelling for a tidal inlet in the Wadden Sea. <i>Marine Geology</i> , 1995, 126, 289-300.	0.9	91
21	Human impacts on morphodynamic thresholds in estuarine systems. <i>Continental Shelf Research</i> , 2015, 111, 174-183.	0.9	89
22	The effect of land reclamations and sediment extraction on the suspended sediment concentration in the Ems Estuary. <i>Marine Geology</i> , 2016, 376, 147-157.	0.9	79
23	Barrier island management: Lessons from the past and directions for the future. <i>Ocean and Coastal Management</i> , 2012, 68, 18-38.	2.0	77
24	Process-based morphodynamic modeling of the Yangtze Estuary at a decadal timescale: Controls on estuarine evolution and future trends. <i>Geomorphology</i> , 2017, 290, 347-364.	1.1	74
25	Long-term morphodynamic evolution and energy dissipation in a coastal plain, tidal embayment. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	71
26	Morphodynamic development and sediment budget of the Dutch Wadden Sea over the last century. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2012, 91, 293-310.	0.6	69
27	Estuarine morphodynamics. <i>Coastal Engineering</i> , 2004, 51, 765-778.	1.7	66
28	Morphological response of tidal basins to human interventions. <i>Coastal Engineering</i> , 2004, 51, 207-221.	1.7	63
29	Eco-Morphological Problems in the Yangtze Estuary and the Western Scheldt. <i>Wetlands</i> , 2011, 31, 1033-1042.	0.7	61
30	Numerical modeling of tidal currents, sediment transport and morphological evolution in Hangzhou Bay, China. <i>International Journal of Sediment Research</i> , 2013, 28, 316-328.	1.8	59
31	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> , 2017, 392, 66-77.	0.9	59
32	Biological influences on morphology and bed composition of an intertidal flat. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 577-590.	0.9	58
33	Predicting long-term and short-term tidal flat morphodynamics using a dynamic equilibrium theory. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1803-1823.	1.0	58
34	From the headwater to the delta: A synthesis of the basin-scale sediment load regime in the Changjiang River. <i>Earth-Science Reviews</i> , 2019, 197, 102900.	4.0	57
35	Impact of dredging and dumping on the stability of ebb-flood channel systems. <i>Coastal Engineering</i> , 2010, 57, 553-566.	1.7	55
36	The influence of changes in tidal asymmetry on residual sediment transport in the Western Scheldt. <i>Continental Shelf Research</i> , 2010, 30, 871-882.	0.9	48

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37	Bed shear stress estimation on an open intertidal flat using in situ measurements. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 190-201.	0.9	48
38	Morphodynamic impacts of large-scale engineering projects in the Yangtze River delta. <i>Coastal Engineering</i> , 2018, 141, 1-11.	1.7	47
39	Quantification of Tidal Asymmetry and Its Nonstationary Variations. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 773-787.	1.0	47
40	Suspended sediment dynamics and morphodynamics in the Yellow River, China. <i>Sedimentology</i> , 2009, 56, 785-806.	1.6	46
41	The validity of a depth-integrated model for suspended sediment transport. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 1986, 24, 53-67.	0.7	45
42	The differences in morphological development between the intertidal flats of the Eastern and Western Scheldt. <i>Geomorphology</i> , 2017, 281, 31-42.	1.1	44
43	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> , 2018, 181, 25-36.	0.9	42
44	Comparison of longitudinal equilibrium profiles of estuaries in idealized and process-based models. <i>Ocean Dynamics</i> , 2003, 53, 252-269.	0.9	41
45	Sand?mud morphodynamics in a short tidal basin. <i>Ocean Dynamics</i> , 2004, 54, 385.	0.9	38
46	Exploring the impacts of multiple tidal constituents and varying river flow on long-term, large-scale estuarine morphodynamics by means of a 1D model. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 1000-1022.	1.0	38
47	Long-term, process-based morphodynamic modeling of a fluvio-deltaic system, part I: The role of river discharge. <i>Continental Shelf Research</i> , 2015, 109, 95-111.	0.9	37
48	Bed-level changes on intertidal wetland in response to waves and tides: A case study from the Yangtze River Delta. <i>Marine Geology</i> , 2017, 385, 160-172.	0.9	37
49	Millennial to annual volume changes in the Humber Estuary. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2007, 463, 837-854.	1.0	36
50	Theoretical analysis on depth-integrated modelling of suspended sediment transport. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 1992, 30, 403-421.	0.7	33
51	The variations of sediment transport patterns in the outer Hangjiang estuary and Hangzhou Bay over the last 30 years. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2999-3020.	1.0	33
52	Decadal morphological evolution of the mouth zone of the Yangtze Estuary in response to human interventions. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2319-2332.	1.2	33
53	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> , 2017, 122, 1553-1572.	1.0	32
54	Chapter 13 Morphodynamic modeling of tidal basins and coastal inlets. <i>Elsevier Oceanography Series</i> , 2003, , 367-392.	0.1	31

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55	Impact of water diversion on the morphological development of the Lower Yellow River. International Journal of Sediment Research, 2008, 23, 13-27.	1.8	31
56	Interaction between suspended sediment and tidal amplification in the Guadalquivir Estuary. Ocean Dynamics, 2014, 64, 1487-1498.	0.9	29
57	Do intertidal flats ever reach equilibrium?. Journal of Geophysical Research F: Earth Surface, 2015, 120, 2406-2436.	1.0	29
58	Peak discharge increase in hyperconcentrated floods. Advances in Water Resources, 2014, 67, 65-77.	1.7	28
59	Morphodynamics of the Qiantang Estuary, China: Controls of river flood events and tidal bores. Marine Geology, 2018, 406, 27-33.	0.9	28
60	Modelling sand–mud morphodynamics in the Friesche Zeegat. Ocean Dynamics, 2006, 56, 248-265.	0.9	27
61	Experiment inspired numerical modeling of sediment concentration over sand–silt mixtures. Coastal Engineering, 2015, 105, 75-89.	1.7	27
62	Sediment budget and morphological development of the Dutch Wadden Sea: impact of accelerated sea-level rise and subsidence until 2100. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2018, 97, 183-214.	0.6	27
63	Bedform characteristics during falling flood stage and morphodynamic interpretation of the middle–lower Changjiang (Yangtze) River channel, China. Geomorphology, 2012, 147-148, 18-26.	1.1	26
64	Influence of the nodal tide on the morphological response of estuaries. Marine Geology, 2012, 291-294, 73-82.	0.9	26
65	Assessing climate change impacts on the stability of small tidal inlets: Part 2 - Data rich environments. Marine Geology, 2018, 395, 65-81.	0.9	26
66	Accretion-erosion conversion in the subaqueous Yangtze Delta in response to fluvial sediment decline. Geomorphology, 2021, 382, 107680.	1.1	26
67	Presence of Connecting Channels in the Western Scheldt Estuary. Journal of Coastal Research, 2009, 253, 627-640.	0.1	25
68	Net sediment transport in tidal basins: quantifying the tidal barotropic mechanisms in a unified framework. Ocean Dynamics, 2017, 67, 1385-1406.	0.9	25
69	Process-Based Morphodynamic Modeling of a Schematized Mudflat Dominated by a Long-Shore Tidal Current at the Central Jiangsu Coast, China. Journal of Coastal Research, 2012, 285, 1381-1392.	0.1	24
70	On the stability relationships between tidal asymmetry and morphologies of tidal basins and estuaries. Earth Surface Processes and Landforms, 2018, 43, 1943-1959.	1.2	24
71	Amplification and deformation of tidal wave in the Upper Scheldt Estuary. Ocean Dynamics, 2019, 69, 829-839.	0.9	24
72	Flow velocity profiles in the Lower Scheldt estuary. Ocean Dynamics, 2006, 56, 284-294.	0.9	23

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73	The relationship between inundation duration and <i>Spartina alterniflora</i> growth along the Jiangsu coast, China. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 305-313.	0.9	23
74	Exploratory morphodynamic modeling of the evolution of the Jiangsu coast, China, since 1855: Contributions of old Yellow River-derived sediment. <i>Marine Geology</i> , 2017, 390, 306-320.	0.9	22
75	Future Response of the Wadden Sea Tidal Basins to Relative Sea-Level rise—An Aggregated Modelling Approach. <i>Water (Switzerland)</i> , 2019, 11, 2198.	1.2	22
76	Tracking fluorescent and ferrimagnetic sediment tracers on an energetic ebb-tidal delta to monitor grain size-selective dispersal. <i>Ocean and Coastal Management</i> , 2021, 212, 105835.	2.0	22
77	Estuary schematisation in behaviour-oriented modelling. <i>Marine Geology</i> , 2011, 281, 27-34.	0.9	21
78	Analysis on residual coarse sediment transport in estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 194-205.	0.9	21
79	Combined Effects of Unsteady River Discharges and Wave Conditions on River Mouth Bar Morphodynamics. <i>Geophysical Research Letters</i> , 2018, 45, 12,903.	1.5	21
80	The heterogeneity of mudflat erodibility. <i>Geomorphology</i> , 2019, 345, 106834.	1.1	20
81	Tidal Wave Propagation in the Yellow Sea. <i>Coastal Engineering Journal</i> , 2015, 57, 1550008-1-1550008-29.	0.7	19
82	Development and extension of an aggregated scale model: Part 1 — Background to ASMITA. <i>China Ocean Engineering</i> , 2016, 30, 483-504.	0.6	19
83	Sand—Mud Tidal Flat Morphodynamics Influenced by Alongshore Tidal Currents. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3818-3836.	1.0	19
84	Effects of Sediment—Induced Density Gradients on the Estuarine Turbidity Maximum in the Yangtze Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016927.	1.0	19
85	Impact of Back-Barrier Dams on the Development of the Ebb-Tidal Delta of the Eastern Scheldt. <i>Journal of Coastal Research</i> , 2012, 285, 1591-1605.	0.1	18
86	Morphological Effects of the Eastern Scheldt Storm Surge Barrier on the Ebb-Tidal Delta. <i>Coastal Engineering Journal</i> , 2013, 55, 1350010-1-1350010-26.	0.7	18
87	Morphological modeling using a fully coupled, total variation diminishing upwind-biased centered scheme. <i>Water Resources Research</i> , 2013, 49, 3547-3565.	1.7	18
88	Strong Inland Propagation of Low—Frequency Long Waves in River Estuaries. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089112.	1.5	18
89	Dynamic Response of the Fluid Mud to a Tropical Storm. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015419.	1.0	18
90	SPM response to tide and river flow in the hyper-turbid Ems River. <i>Ocean Dynamics</i> , 2017, 67, 559-583.	0.9	17

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91	Sediment Connectivity: A Framework for Analyzing Coastal Sediment Transport Pathways. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2020JF005595.	1.0	17
92	Ecological impact of land reclamation on Jiangsu coast (China): A novel ecotope assessment for Tongzhou Bay. Water Science and Engineering, 2020, 13, 57-64.	1.4	17
93	Measurements of hydrodynamics, sediment, morphology and benthos on Ameland ebb-tidal delta and lower shoreface. Earth System Science Data, 2020, 12, 2775-2786.	3.7	17
94	Formation of Concentrated Benthic Suspension in a Time-Dependent Salt Wedge Estuary. Journal of Geophysical Research: Oceans, 2018, 123, 8581-8607.	1.0	16
95	A Morphodynamic Modeling Study on the Formation of the Large-Scale Radial Sand Ridges in the Southern Yellow Sea. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1742-1761.	1.0	16
96	Changjiang Delta in the Anthropocene: Multi-scale hydro-morphodynamics and management challenges. Earth-Science Reviews, 2021, 223, 103850.	4.0	16
97	Far-field impact of water injection dredging in the Crouch River. Proceedings of the Institution of Civil Engineers Water and Maritime Engineering, 2002, 154, 285-296.	0.3	15
98	Predicting the Morphodynamic Response of Silt-Laden Rivers to Water and Sediment Release from Reservoirs: Lower Yellow River, China. Journal of Hydraulic Engineering, 2011, 137, 90-99.	0.7	15
99	Study of Lateral Flow in a Stratified Tidal Channel-Shoal System: The Importance of Intratidal Salinity Variation. Journal of Geophysical Research: Oceans, 2019, 124, 6702-6719.	1.0	15
100	Predicting the effect of a Current Deflecting Wall on harbour siltation. Continental Shelf Research, 2011, 31, S182-S198.	0.9	14
101	Comparison of Morphodynamic Models for the Lower Yellow River ¹ . Journal of the American Water Resources Association, 2013, 49, 114-131.	1.0	14
102	Coupling bedform roughness and sediment grain-size sorting in modelling of tidal inlet incision. Marine Geology, 2016, 381, 128-141.	0.9	14
103	Exploratory morphodynamic hindcast of the evolution of the abandoned Yellow River delta, 1578-1855 CE. Marine Geology, 2017, 383, 99-119.	0.9	14
104	The Importance of Combined Tidal and Meteorological Forces for the Flow and Sediment Transport on Intertidal Shoals. Journal of Geophysical Research F: Earth Surface, 2018, 123, 2464-2480.	1.0	14
105	River, tide and morphology interaction in a macro-tidal estuary with active morphological evolutions. Catena, 2022, 212, 106131.	2.2	14
106	Long-Term Cumulative Effects of Intra-Annual Variability of Unsteady River Discharge on the Progradation of Delta Lobes: A Modeling Perspective. Journal of Geophysical Research F: Earth Surface, 2019, 124, 960-973.	1.0	13
107	Variations in storm-induced bed level dynamics across intertidal flats. Scientific Reports, 2020, 10, 12877.	1.6	13
108	Seasonal variation of flocculation influenced by the presence of algae in the Changjiang (Yangtze) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	13

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109	Morphological Impact of the Construction of an Offshore Yangshan Deepwater Harbor in the Port of Shanghai, China. <i>Journal of Coastal Research</i> , 2012, 278, 163-173.	0.1	12
110	Movement of tidal watersheds in the Wadden Sea and its consequences on the morphological development. <i>International Journal of Sediment Research</i> , 2013, 28, 162-171.	1.8	12
111	Morphodynamic Feedback Loops Control Stable Fringing Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2993-3012.	1.0	12
112	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> , 2021, 215, 105941.	2.0	12
113	Influence of Relative Sea Level Rise on Coastal Inlets and Tidal Basins. , 2001, , 242.		11
114	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> , 2018, 141, 86-106.	1.7	11
115	An integrated optic and acoustic (IOA) approach for measuring suspended sediment concentration in highly turbid environments. <i>Marine Geology</i> , 2020, 421, 106062.	0.9	11
116	Regime shifts in the Changjiang (Yangtze River) Estuary: The role of concentrated benthic suspensions. <i>Marine Geology</i> , 2021, 433, 106403.	0.9	11
117	The contribution of sand and mud to infilling of tidal basins in response to a closure dam. <i>Marine Geology</i> , 2021, 439, 106544.	0.9	11
118	Development and extension of an aggregated scale model: Part 2 – Extensions to ASMITA. <i>China Ocean Engineering</i> , 2016, 30, 651-670.	0.6	10
119	Study of Sediment Transport in a Tidal Channel–Shoal System: Lateral Effects and Slack–Water Dynamics. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016334.	1.0	10
120	A 1D model for tides waves and fine sediment in short tidal basins – Application to the Wadden Sea. <i>Ocean Dynamics</i> , 2013, 63, 1233-1248.	0.9	9
121	Long-Term Effects of Water Diversions on the Longitudinal Flow and Bed Profiles. <i>Journal of Hydraulic Engineering</i> , 2014, 140, .	0.7	9
122	Sediment Disposals in Estuarine Channels Alter the Eco–Morphology of Intertidal Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005432.	1.0	9
123	Exploration of Decadal Tidal Evolution in Response to Morphological and Sedimentary Changes in the Yangtze Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017019.	1.0	9
124	Mechanisms of hyperconcentrated flood propagation in a dynamic channel-floodplain system. <i>Advances in Water Resources</i> , 2017, 107, 470-489.	1.7	8
125	A PROCESS-BASED APPROACH TO SEDIMENT TRANSPORT. <i>Coastal Engineering Proceedings</i> , 2011, 1, 83.	0.1	8
126	Conversion of electro-optical signals to sediment concentration in a silt – sand suspension environment. <i>Coastal Engineering</i> , 2016, 114, 284-294.	1.7	7

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127	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> , 2021, 126, e2021JC017354.	1.0	7
128	Morphodynamic adaptation of a tidal basin to centennial sea-level rise: The importance of lateral expansion. <i>Continental Shelf Research</i> , 2021, 226, 104494.	0.9	7
129	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> , 2022, 216, 105969.	2.0	7
130	Building for Nature: Preserving Threatened Bird Habitat in Port Design. <i>Water (Switzerland)</i> , 2020, 12, 2134.	1.2	6
131	Wave Controls on Deltaic Shoreline Channel Morphodynamics: Insights From a Coupled Model. <i>Water Resources Research</i> , 2020, 56, e2020WR027298.	1.7	6
132	Aggregated morphodynamic modelling of tidal inlets and estuaries. <i>Water Science and Engineering</i> , 2020, 13, 1-13.	1.4	6
133	Morphodynamic modeling the impact of large-scale embankment on the large bar in a convergent estuary. <i>Marine Geology</i> , 2021, 442, 106638.	0.9	6
134	Physiological and biochemical responses of the salt-marsh plant <i>Spartina alterniflora</i> to long-term wave exposure. <i>Annals of Botany</i> , 2020, 125, 291-300.	1.4	5
135	Sediment Characteristics and Intertidal Beach Slopes along the Jiangsu Coast, China. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 347.	1.2	5
136	DIFFERENT IMPLEMENTATION SCENARIOS FOR THE LARGE SCALE COASTAL POLICY OF THE NETHERLANDS. , 2007, , .		5
137	Future sediment exchange between the Dutch Wadden Sea and North Sea Coast - Insights based on ASMITA modelling. <i>Ocean and Coastal Management</i> , 2022, 219, 106067.	2.0	5
138	Reclamation of Tidal Flats Within Tidal Basins Alters Centennial Morphodynamic Adaptation to Sea-Level Rise. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	5
139	Modelling impact of dredging and dumping in ebb-flood channel systems. <i>Transactions of Tianjin University</i> , 2008, 14, 271-281.	3.3	4
140	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> , 2019, 46, 262-271.	1.5	4
141	Seasonal Tidal Dynamics in the Qiantang Estuary: The Importance of Morphological Evolution. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
142	Some considerations on mathematical modelling of morphological processes in tidal regions. <i>Coastal and Estuarine Studies</i> , 1992, , 467-480.	0.4	3
143	A Relation Between Partitions and the Number of Divisors. <i>American Mathematical Monthly</i> , 1995, 102, 345.	0.2	3
144	Comment on "Depth-integrated modeling of suspended sediment transport" by M. Bolla Pittaluga and G. Seminara. <i>Water Resources Research</i> , 2004, 40, .	1.7	3

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145	The Longitudinal Profile of a Prograding River and Its Response to Sea Level Rise. Geophysical Research Letters, 2020, 47, e2020GL090450.	1.5	3
146	OBSERVATIONS OF SUSPENDED PARTICLE SIZE DISTRIBUTION ON AN ENERGETIC EBB-TIDAL DELTA. , 2019, , .		3
147	Daily Topographic Change Patterns of Tidal Flats in Response to Anthropogenic Activities: Analysis through Coastal Video Imagery. Journal of Coastal Research, 2019, 36, 103.	0.1	3
148	Feedback Effects of Sediment Suspensions on Transport Mechanisms in an Estuarine Turbidity Maximum. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	3
149	Dynamics of a Tidal Current System in a Marginal Sea: A Case Study of the Yellow Sea, China. Frontiers in Marine Science, 2020, 7, .	1.2	2
150	Two-Channel System Dynamics of the Outer Weser Estuaryâ€”A Modeling Study. Journal of Marine Science and Engineering, 2021, 9, 448.	1.2	2
151	The impact of windâ€”waves and sea level rise on the morphodynamics of a sandy estuarine shoal. Earth Surface Processes and Landforms, 0, , .	1.2	1
152	COPULA APPROACH FOR FLOOD PROBABILITY ANALYSIS OF THE HUANGPU RIVER DURING BARRIER CLOSURE. , 2005, , .		1
153	AGGREGATED MORPHOLOGY OF TIDAL INLETS. , 2003, , .		1
154	VOLUME AND SURFACE AREA CHANGES IN ESTUARIES AND TIDAL INLETS. , 2009, , .		1
155	MORPHOLOGICAL DEVELOPMENT OF THE RIF AND THE ENGELSMANPLAAT, AN INTERTIDAL FLAT COMPLEX IN THE FRISIAN INLET, DUTCH WADDEN SEA. Coastal Engineering Proceedings, 2011, 1, 54.	0.1	1
156	Modelling the siltation in the Rotterdam harbour area. , 0, , .		0
157	Parallel Morphodynamic Modelling for the Yangtze Estuary. Journal of Coastal Research, 2018, 85, 641-645.	0.1	0
158	LARGE-SCALE SAND BALANCE OF THE NETHERLANDS COASTAL SYSTEM: MODELLING OF A POLICY INDICATOR. , 2005, , .		0
159	NOURISHMENT OF TIDAL BASINS. , 2007, , .		0
160	SEDIMENT BUDGET ANALYSIS OF THE DUTCH COASTAL SYSTEM A FOCUS ON THE WADDEN SEA. , 2009, , .		0
161	85. Historical morphological development of the Eastern Scheldt tidal basin (The) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		
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