Ya Ping Wang

List of Publications by Citations

140 papers	2,599 citations	26 h-index	46 g-index
151 ext. papers	3,304 ext. citations	3.3 avg, IF	5.21 L-index

#	Paper	IF	Citations
140	Carcinoma-associated fibroblasts promote the stemness and chemoresistance of colorectal cancer by transferring exosomal lncRNA H19. *Theranostics*, **2018**, 8, 3932-3948	12.1	290
139	Sediment transport over an accretional intertidal flat with influences of reclamation, Jiangsu coast, China. *Marine Geology*, **2012**, 291-294, 147-161	3.3	134
138	microRNA-29b contributes to pre-eclampsia through its effects on apoptosis, invasion and angiogenesis of trophoblast cells. *Clinical Science*, **2013**, 124, 27-40	6.5	115
137	Changes in material fluxes from the Changjiang River and their implications on the adjoining continental shelf ecosystem. *Continental Shelf Research*, **2008**, 28, 1490-1500	2.4	115
136	Changes in water and sediment exchange between the Changjiang River and Poyang Lake under natural and anthropogenic conditions, China. *Science of the Total Environment*, **2014**, 481, 542-53	10.2	113
135	Tidal hydrodynamics and fine-grained sediment transport on the radial sand ridge system in the southern Yellow Sea. *Marine Geology*, **2012**, 291-294, 192-210	3.3	109
134	Is "Morphodynamic Equilibrium" an oxymoron?. *Earth-Science Reviews*, **2017**, 165, 257-267	10.2	88
133	Sediment resuspension, flocculation, and settling in a macrotidal estuary. *Journal of Geophysical Research: Oceans*, **2013**, 118, 5591-5608	3.3	83
132	Tidal Response to Sea-Level Rise in Different Types of Estuaries: The Importance of Length, Bathymetry, and Geometry. *Geophysical Research Letters*, **2018**, 45, 227-235	4.9	64
131	Relating accretion and erosion at an exposed tidal wetland to the bottom shear stress of combined current–wave action. *Geomorphology*, **2012**, 138, 380-389	4.3	61
130	Distal mud deposits associated with the Pearl River over the northwestern continental shelf of the South China Sea. *Marine Geology*, **2014**, 347, 43-57	3.3	55
129	Worsened physical condition due to climate change contributes to the increasing hypoxia in Chesapeake Bay. *Science of the Total Environment*, **2018**, 630, 707-717	10.2	44
128	Dispersion polymerization of acrylamide with 2-acrylamido-2-methyl-1-propane sulfonate in aqueous solution. *Journal of Applied Polymer Science*, **2006**, 102, 2379-2385	2.9	40
127	Tide-induced suspended sediment transport: Depth-averaged concentrations and horizontal residual fluxes. *Continental Shelf Research*, **2012**, 34, 53-63	2.4	37
126	Sediment retention at the Changjiang sub-aqueous delta over a 57 year period, in response to catchment changes. *Estuarine, Coastal and Shelf Science*, **2011**, 95, 29-38	2.9	36
125	Study on linear and nonlinear bottom friction parameterizations for regional tidal models using data assimilation. *Continental Shelf Research*, **2011**, 31, 555-573	2.4	34
124	The effect of interacting downstream branches on saltwater intrusion in the Modaomen Estuary, China. *Journal of Asian Earth Sciences*, **2012**, 45, 223-238	2.8	33

123	Plutonium AMS measurements in Yangtze River estuary sediment. *Nuclear Instruments & Methods in Physics Research B*, **2010**, 268, 1155-1158	1.2	33
122	Sediment accumulation and retention of the Changjiang (Yangtze River) subaqueous delta and its distal muds over the last century. *Marine Geology*, **2018**, 401, 2-16	3.3	32
121	Determination of Critical Shear Stresses for Erosion and Deposition Based onIn SituMeasurements of Currents and Waves over an Intertidal Mudflat. *Journal of Coastal Research*, **2015**, 316, 1344-1356	0.6	31
120	Intratidal erosion and deposition rates inferred from field observations of hydrodynamic and sedimentary processes: A case study of a mudflatSaltmarsh transition at the Yangtze delta front. *Continental Shelf Research*, **2014**, 90, 109-116	2.4	31
119	Modeling profile shape evolution for accreting tidal flats composed of mud and sand: A case study of the central Jiangsu coast, China. *Continental Shelf Research*, **2011**, 31, 1750-1760	2.4	30
118	Delineating suspended sediment concentration patterns in surface waters of the Changjiang Estuary by remote sensing analysis. *Acta Oceanologica Sinica*, **2010**, 29, 38-47	1	28
117	High-resolution data collection for analysis of sediment dynamic processes associated with combined current-wave action over intertidal flats. *Science Bulletin*, **2006**, 51, 866-877	10.6	28
116	Rapid response of the Changjiang (Yangtze) River and East China Sea source-to-sink conveying system to human induced catchment perturbations. *Marine Geology*, **2019**, 414, 1-17	3.3	27
115	Role of delta-front erosion in sustaining salt marshes under sea-level rise and fluvial sediment decline. *Limnology and Oceanography*, **2020**, 65, 1990-2009	4.8	27
114	Mechanisms of maintaining high suspended sediment concentration over tide-dominated offshore shoals in the southern Yellow Sea. *Estuarine, Coastal and Shelf Science*, **2017**, 191, 221-233	2.9	26
113	Variations in the transport, distribution, and budget of 210Pb in sediment over the estuarine and inner shelf areas of the East China Sea due to Changjiang catchment changes. *Journal of Geophysical Research F: Earth Surface*, **2017**, 122, 235-247	3.8	26
112	The impact of climate change and human activities on streamflow and sediment load in the Pearl River basin. *International Journal of Sediment Research*, **2019**, 34, 307-321	3	26
111	A comprehensive sediment dynamics study of a major mud belt system on the inner shelf along an energetic coast. *Scientific Reports*, **2018**, 8, 4229	4.9	26
110	Erosion and Accretion on a Mudflat: The Importance of Very Shallow-Water Effects. *Journal of Geophysical Research: Oceans*, **2017**, 122, 9476-9499	3.3	25
109	Reservoir-induced changes to fluvial fluxes and their downstream impacts on sedimentary processes: The Changjiang (Yangtze) River, China. *Quaternary International*, **2018**, 493, 187-197	2	23
108	The application of geostatistics in grain size trend analysis: A case study of eastern Beibu Gulf. *Journal of Chinese Geography*, **2010**, 20, 77-90	3.7	23
107	Spatial distributions of organic carbon and nitrogen and their isotopic compositions in sediments of the Changjiang Estuary and its adjacent sea area. *Journal of Chinese Geography*, **2008**, 18, 46-58	3.7	23
106	A method for inversion of periodic open boundary conditions in two-dimensional tidal models. *Computer Methods in Applied Mechanics and Engineering*, **2014**, 275, 20-38	5.7	22

105	The effect of biomass variations of Spartina alterniflora on the organic carbon content and composition of a salt marsh in northern Jiangsu Province, China. *Ecological Engineering*, **2016**, 95, 160-170	3.9	22
104	Evolution status of the distal mud deposit associated with the Pearl River, northern South China Sea continental shelf. *Journal of Asian Earth Sciences*, **2015**, 114, 562-573	2.8	21
103	LF-MF inhibits iron metabolism and suppresses lung cancer through activation of P53-miR-34a-E2F1/E2F3 pathway. *Scientific Reports*, **2017**, 7, 749	4.9	20
102	Sediment resuspension in tidally dominated coastal environments: new insights into the threshold for initial movement. *Ocean Dynamics*, **2016**, 66, 401-417	2.3	20
101	Modification to the Hardisty Equation, Regarding the Relationship Between Sediment Transport Rate and Particle Size. *Journal of Sedimentary Research*, **2001**, 71, 118-121	2.1	20
100	Variations in quantity, composition and grain size of Changjiang sediment discharging into the sea in response to human activities. *Hydrology and Earth System Sciences*, **2015**, 19, 645-655	5.5	18
99	Invading cord grass vegetation changes analyzed from Landsat-TM imageries: a case study from the Wanggang area, Jiangsu coast, eastern China. *Acta Oceanologica Sinica*, **2010**, 29, 26-37	1	17
98	Field and theoretical investigation of sediment mass fluxes on an accretional coastal mudflat. *Journal of Hydro-Environment Research*, **2016**, 11, 75-90	2.3	16
97	A numerical investigation of freshwater and sediment discharge variations of Poyang Lake catchment, China over the last 1000 years. *Holocene*, **2015**, 25, 1470-1482	2.6	16
96	Rapid formation of marsh-edge cliffs, Jiangsu coast, China. *Marine Geology*, **2017**, 385, 260-273	3.3	15
95	Sediment dynamics in an offshore tidal channel in the southern Yellow Sea. *International Journal of Sediment Research*, **2014**, 29, 246-259	3	15
94	Accumulation and Output of Heavy Metals by the Invasive Plant Spartina alterniflora in a Coastal Salt Marsh. *Pedosphere*, **2018**, 28, 884-894	5	15
93	Physical and sedimentary processes on the tidal flat of central Jiangsu Coast, China: Headland induced tidal eddies and benthic fluid mud layers. *Continental Shelf Research*, **2017**, 133, 26-36	2.4	14
92	Distribution and dispersal pattern of clay minerals in surface sediments, eastern Beibu Gulf, South China Sea. *Acta Oceanologica Sinica*, **2012**, 31, 78-87	1	13
91	Role of wind in erosion-accretion cycles on an estuarine mudflat. *Journal of Geophysical Research: Oceans*, **2017**, 122, 193-206	3.3	12
90	Remarked morphological change in a large tidal inlet with low sediment-supply. *Continental Shelf Research*, **2014**, 90, 79-95	2.4	12
89	Simulation of sedimentary dynamics in a small-scale estuary: the role of human activities. *Environmental Earth Sciences*, **2015**, 74, 869-878	2.9	12
88	On the variability of near-bed floc size due to complex interactions between turbulence, SSC, settling velocity, effective density and the fractal dimension of flocs. *Geo-Marine Letters*, **2016**, 36, 135-149	1.9	12

87	Parameter estimation for a cohesive sediment transport model by assimilating satellite observations in the Hangzhou Bay: Temporal variations and spatial distributions. *Ocean Modelling*, **2018**, 121, 34-48	3	12
86	Modeling morphological change in anthropogenically controlled estuaries. *Anthropocene*, **2017**, 17, 70-83	3.9	11
85	Human-induced changes in sediment properties and amplified endmember differences: Possible geological time markers in the future. *Science of the Total Environment*, **2019**, 661, 63-74	10.2	11
84	Field observation and analysis of wave-current-sediment movement in Caofeidian Sea area in the Bohai Bay, China. *China Ocean Engineering*, **2014**, 28, 331-348	1.1	11
83	Application of a Distributed Large Basin Runoff Model to Lake Erie: Model Calibration and Analysis of Parameter Spatial Variation. *Journal of Hydrologic Engineering - ASCE*, **2011**, 16, 193-202	1.8	11
82	Interpreting grain-size trends associated with bedload transport on the intertidal flats at Dafeng, central Jiangsu coast. *Science Bulletin*, **2006**, 51, 341-351		11
81	Turbidity maximum formation and its seasonal variations in the Zhujiang (Pearl River) Estuary, southern China. *Acta Oceanologica Sinica*, **2016**, 35, 22-31	1	11
80	Differentiating the effects of advection and resuspension on suspended sediment concentrations in a turbid estuary. *Marine Geology*, **2018**, 403, 179-190	3.3	11
79	Revisiting the problem of sediment motion threshold. *Continental Shelf Research*, **2019**, 187, 103960	2.4	10
78	Suspended Sediment Transport in the Coastal Area of Jinhae Bay Nakdong Estuary, Korea Strait. *Journal of Coastal Research*, **2006**, 225, 1062-1069	0.6	10
77	Geomorphic and hydrodynamic responses in salt marsh-tidal creek systems, Jiangsu, China. *Science Bulletin*, **1999**, 44, 544-549		10
76	Cross-Front Sediment Transport Induced by Quick Oscillation of the Yellow Sea Warm Current: Evidence From the Sedimentary Record. *Geophysical Research Letters*, **2019**, 46, 226-234	4.9	10
75	Winter storms induced high suspended sediment concentration along the north offshore seabed of the Changjiang estuary. *Estuarine, Coastal and Shelf Science*, **2019**, 228, 106351	2.9	9
74	Intertidal flat development in response to controlled embankment retreat: Freiston Shore, The Wash, UK. *Marine Geology*, **2014**, 355, 260-273	3.3	9
73	Exploring records of typhoon variability in eastern China over the past 2000 years. *Bulletin of the Geological Society of America*, **2020**, 132, 2243-2252	3.9	9
72	Effects of intertidal reclamation on tides and potential environmental risks: a numerical study for the southern Yellow Sea. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	9
71	Modeling the circulation and sediment transport in the Beibu Gulf. *Acta Oceanologica Sinica*, **2017**, 36, 21-30	1	8
70	Sand-Mud Tidal Flat Morphodynamics Influenced by Alongshore Tidal Currents. *Journal of Geophysical Research: Oceans*, **2019**, 124, 3818-3836	3.3	8

69	Hydrodynamics, erosion and accretion of intertidal mudflats in extremely shallow waters. *Journal of Hydrology*, **2019**, 573, 31-39	6	8
68	ADCP measurements of suspended sediment flux at the entrance to Jiaozhou Bay, western Yellow Sea. *Acta Oceanologica Sinica*, **2013**, 32, 96-103	1	8
67	Coastal Embayment Long-Term Erosion/Siltation Associated with P-A Relationships: A Case Study from Jiaozhou Bay, China. *Journal of Coastal Research*, **2012**, 28, 1236	0.6	8
66	Sediment dynamics of turbidity maximum in Changjiang River mouth in dry season. *Frontiers of Earth Science*, **2008**, 2, 249-261		8
65	GRAIN SIZE CHARACTERISTICS OF SURFICIAL SEDIMENTS AND THEIR RESPONSE TO HYDRODYNAMICS OVER THE COASTAL WATERS OF NORTHERN JIANGSU PROVINCE. *Marine Geology & Quaternary Geology*, **2009**, 29, 7-12		8
64	On estimation of coastal wave parameters and wave-induced shear stresses. *Limnology and Oceanography: Methods*, **2018**, 16, 594-606	2.6	8
63	Sediment flux from the Zhoushan Archipelago, eastern China. *Journal of Chinese Geography*, **2018**, 28, 387-399	3.7	7
62	Flood-ebb asymmetry in current velocity and suspended sediment transport in the Changjiang Estuary. *Acta Oceanologica Sinica*, **2016**, 35, 37-47	1	6
61	Extreme floods of the Changjiang River over the past two millennia: Contributions of climate change and human activity. *Marine Geology*, **2021**, 433, 106418	3.3	6
60	Modeling the Deposition System Evolution of Accreting Tidal Flats: A Case Study from the Coastal Plain of Central Jiangsu, China. *Journal of Coastal Research*, **2015**, 31, 107	0.6	5
59	Sedimentation and morphological changes at Yuantuojiao Point, estuary of the North Branch, Changjiang River. *Acta Oceanologica Sinica*, **2013**, 32, 24-34	1	5
58	Morphodynamic modelling of open-sea tidal channels eroded into a sandy seabed, with reference to the channel systems on the China coast. *Geo-Marine Letters*, **2008**, 28, 255-263	1.9	5
57	Constraints of salinity- and sediment-induced stratification on the turbidity maximum in a tidal estuary. *Geo-Marine Letters*, **2020**, 40, 765-779	1.9	5
56	Characterization of longshore currents in southern East China Sea during summer and autumn. *Acta Oceanologica Sinica*, **2020**, 39, 1-11	1	5
55	Classifying the sedimentary environments of the Xincun Lagoon, Hainan Island, by system cluster and principal component analyses. *Acta Oceanologica Sinica*, **2017**, 36, 64-71	1	4
54	A Methodology for Estimating the Parameters in Three-Dimensional Cohesive Sediment Transport Models by Assimilating In Situ Observations with the Adjoint Method. *Journal of Atmospheric and Oceanic Technology*, **2017**, 34, 1469-1482	2	4
53	Analysis of the characteristics of offshore currents in the Changjiang (Yangtze River) estuarine waters based on buoy observations. *Acta Oceanologica Sinica*, **2017**, 36, 13-20	1	4
52	Controlling factors for the distribution of typical organic pollutants in the surface sediment of a macrotidal bay. *Environmental Science and Pollution Research*, **2020**, 27, 28276-28287	5.1	4

51	Quantitative reconstruction of Holocene sediment sources contributing to the central Jiangsu coast, China: New insights into source-to-sink processes. *Earth Surface Processes and Landforms*, **2020**, 45, 2463-2477	3.7	4
50	Reprint of Mechanisms of maintaining high suspended sediment concentration over tide-dominated offshore shoals in the southern Yellow Sea. *Estuarine, Coastal and Shelf Science*, **2018**, 206, 2-13	2.9	4
49	A novel missense mutation in the ALPL gene causes dysfunction of the protein. *Molecular Medicine Reports*, **2017**, 16, 710-718	2.9	4
48	Role of Spartina alterniflora on sediment dynamics of coastal salt marshes □case study from central Jiangsu and middle Fujian coasts. *Frontiers of Earth Science*, **2008**, 2, 269-275		4
47	Influence of Macrobenthos (Meretrix meretrix Linnaeus) on Erosion-Accretion Processes in Intertidal Flats: A Case Study From a Cultivation Zone. *Journal of Geophysical Research G: Biogeosciences*, **2020**, 125, e2019JG005345	3.7	4
46	Assessing the vulnerability of changing coasts, Hainan Island, China. *Acta Oceanologica Sinica*, **2017**, 36, 114-120	1	3
45	Flow structure modification and drag reduction induced by sediment stratification in coastal tidal bottom boundary layers. *Estuarine, Coastal and Shelf Science*, **2020**, 241, 106829	2.9	3
44	Variations of wave parameter statistics as influenced by water depth in coastal and inner shelf areas. *Coastal Engineering*, **2020**, 159, 103714	4.8	3
43	Great differences in the critical erosion threshold between surface and subsurface sediments: A field investigation of an intertidal mudflat, Jiangsu, China. *Estuarine, Coastal and Shelf Science*, **2018**, 206, 76-86	2.9	3
42	Analysis of the spatial and temporal sensitivities of key parameters in the SWAN model: An example using Chan-hom typhoon waves. *Estuarine, Coastal and Shelf Science*, **2020**, 232, 106489	2.9	3
41	Tide-Induced Variability and Mechanisms of Surface Suspended Sediment in the Zhoushan Archipelago along the Southeastern Coast of China Based on GOCI Data. *Remote Sensing*, **2021**, 13, 929	5	3
40	Sedimentary record of polycyclic aromatic hydrocarbons in mud deposits along the southeastern coast of Liaodong Peninsula and its relation to the anthropogenic and natural activities in the Northeast China. *Chemosphere*, **2019**, 216, 31-39	8.4	3
39	Stratigraphic and three-dimensional morphological evolution of the late Quaternary sequences in the western Bohai Sea, China: Controls related to eustasy, high sediment supplies and neotectonics. *Marine Geology*, **2020**, 427, 106246	3.3	2
38	Sensitivities of Bottom Stress Estimation to Sediment Stratification in a Tidal Coastal Bottom Boundary Layer. *Journal of Marine Science and Engineering*, **2020**, 8, 256	2.4	2
37	Morphodynamics of a tidal ridge system in the southwestern Yellow Sea: HF radar study. *Estuarine, Coastal and Shelf Science*, **2018**, 206, 27-37	2.9	2
36	**2013**,		2
35	Identification the potential of stool-based SNCA methylation as a candidate biomarker for early colorectal cancer detection. *Translational Cancer Research*, **2017**, 6, 169-176	0.3	2
34	Internal waves triggered by river mouth shoals in the Yangtze River Estuary. *Ocean Engineering*, **2020**, 214, 107828	3.9	2

33	Sediment exchange between channel and sand ridges in the southern Yellow Sea: The importance of tidal asymmetries. *Continental Shelf Research*, **2020**, 205, 104169	2.4	2
32	A comparison study on the sediment flocculation process between a bare tidal flat and a clam aquaculture mudflat: The important role of sediment concentration and biological processes. *Marine Geology*, **2021**, 434, 106443	3.3	2
31	Estimation of Bottom Friction Coefficient in Multi-Constituent Tidal Models Using the Adjoint Method: Temporal Variations and Spatial Distributions. *Journal of Geophysical Research: Oceans*, **2021**, 126, e2020JC016949	3.3	2
30	Simulation of water surge processes and analysis of water surge bearing capacity in Boao Bay, Hainan Island, China. *Ocean Engineering*, **2016**, 125, 51-59	3.9	2
29	Effects of Meretrix meretrix on sediment thresholds of erosion and deposition on an intertidal flat. *Ecohydrology and Hydrobiology*, **2021**, 21, 129-141	2.8	2
28	Cross-shelf sediment transport in the Yangtze Delta frontal zone: Insights from field observations. *Journal of Marine Systems*, **2021**, 219, 103559	2.7	2
27	Roles of advection and sediment resuspension-settling in the turbidity maximum zone of the Changjiang Estuary, China. *Continental Shelf Research*, **2021**, 229, 104559	2.4	2
26	The response of sedimentary record to catchment changes induced by human activities in the western intertidal flat of Yalu River Estuary, China. *Acta Oceanologica Sinica*, **2017**, 36, 54-63	1	1
25	Ecological response of Casuarina equisetifolia to environmental stress in coastal dunes in China. *Journal of Forest Research*, **2018**, 23, 173-182	1.4	1
24	Variations in fluvial discharge of rivers over the last millennium along the eastern coast of the Liaodong Peninsula, China. *Journal of Asian Earth Sciences*, **2019**, 184, 103993	2.8	1
23	Response of Variability in Water Discharges from Changjiang River on PDO in Past 50 Years. *International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering*, **2010**,		1
22	Net suspended sediment transport modulated by multiple flood-ebb asymmetries in the progressive tidal wave dominated and partially stratified Changjiang Estuary. *Marine Geology*, **2022**, 443, 106702	3.3	1
21	Frequency and magnitude variability of Yalu River flooding: numerical analyses for the last 1000 years. *Hydrology and Earth System Sciences*, **2020**, 24, 4743-4761	5.5	1
20	Longitudinal residual circulation in the South Passage of Yangtze Estuary: Combined influences from runoff, tide and bathymetry. *Science China Earth Sciences*, **2021**, 64, 2129	4.6	1
19	Effect of typhoon-induced intertidal-flat erosion on dominant macrobenthic species (Meretrix meretrix). *Limnology and Oceanography*, **2021**, 66, 4197	4.8	1
18	Field measurements of tidal flows affected by mangrove seedlings in a restored mangrove swamp, Southern China. *Estuarine, Coastal and Shelf Science*, **2020**, 235, 106561	2.9	1
17	Effects of diatoms on erosion and accretion processes in saltmarsh inferred from field observations of hydrodynamic and sedimentary processes. *Ecohydrology*, **2020**, 13, e2246	2.5	1
16	Muddy Coast Off Jiangsu, China: Physical, Ecological, and Anthropogenic Processes **2019**, 25-49		1

15	A late Holocene shift of typhoon activity recorded by coastal sedimentary archives in eastern China. *Sedimentology*,	3.3	1
14	Estimation of initial conditions for surface suspended sediment simulations with the adjoint method: A case study in Hangzhou Bay. *Continental Shelf Research*, **2021**, 227, 104526	2.4	1
13	Numerical study on tidal duration asymmetry and shallow-water tides within multiple islands: An example of the Zhoushan Archipelago. *Estuarine, Coastal and Shelf Science*, **2021**, 262, 107576	2.9	1
12	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age.. *Nature Communications*, **2022**, 13, 1712	17.4	1
11	Swell-driven sediment resuspension in the Yangtze Estuary during tropical cyclone events. *Estuarine, Coastal and Shelf Science*, **2022**, 267, 107765	2.9	0
10	Fluid mud dynamics in a tide-dominated estuary: A case study from the Yangtze River. *Continental Shelf Research*, **2022**, 232, 104623	2.4	0
9	Declines in suspended sediment concentration and their geomorphological and biological impacts in the Yangtze River Estuary and adjacent sea. *Estuarine, Coastal and Shelf Science*, **2022**, 265, 107708	2.9	0
8	Two-dimensional tide-induced residual sand transport: Applications to the Jiangsu coast, China. *Estuarine, Coastal and Shelf Science*, **2020**, 245, 106991	2.9	0
7	The 3rd workshop on sediment dynamics of muddy coasts and estuaries: An introduction and synthesis. *Estuarine, Coastal and Shelf Science*, **2020**, 245, 106994	2.9	
6	Extraction of morphometric bedform characteristics from profiling sonar datasets recorded in shallow coastal waters of China. *China Ocean Engineering*, **2012**, 26, 469-482	1.1	
5	Predicting sediment flux from continental shelf islands, southeastern China. *Journal of Oceanology and Limnology*, **2021**, 39, 472-482	1.5	
4	Geometric modeling of Holocene large-river delta growth patterns, as constrained by environmental settings. *Science China Earth Sciences*, **2021**, 64, 318-328	4.6	
3	Human-induced asynchronous sedimentary records between the north and south of the Changjiang distal mud belt since 2005 CE. *Estuarine, Coastal and Shelf Science*, **2021**, 262, 107578	2.9	
2	Tracking historical storm records from high-barrier lagoon deposits on the southeastern coast of Hainan Island, China. *Acta Oceanologica Sinica*, **2021**, 40, 162-175	1	
1	Observational study on drag reduction of continental-shelf bottom boundary layer. *Physics of Fluids* , **2022**, 34, 055127	4.4	