

# Ya Ping 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.

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	Swell-driven sediment resuspension in the Yangtze Estuary during tropical cyclone events. <i>Estuarine, Coastal and Shelf Science</i> , <b>2022</b> , 267, 107765	2.9	0
139	Net suspended sediment transport modulated by multiple flood-ebb asymmetries in the progressive tidal wave dominated and partially stratified Changjiang Estuary. <i>Marine Geology</i> , <b>2022</b> , 443, 106702	3.3	1
138	Fluid mud dynamics in a tide-dominated estuary: A case study from the Yangtze River. <i>Continental Shelf Research</i> , <b>2022</b> , 232, 104623	2.4	0
137	Declines in suspended sediment concentration and their geomorphological and biological impacts in the Yangtze River Estuary and adjacent sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2022</b> , 265, 107708	2.9	0
136	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age.. <i>Nature Communications</i> , <b>2022</b> , 13, 1712	17.4	1
135	Observational study on drag reduction of continental-shelf bottom boundary layer. <i>Physics of Fluids</i> , <b>2022</b> , 34, 055127	4.4	
134	Longitudinal residual circulation in the South Passage of Yangtze Estuary: Combined influences from runoff, tide and bathymetry. <i>Science China Earth Sciences</i> , <b>2021</b> , 64, 2129	4.6	1
133	Effect of typhoon-induced intertidal-flat erosion on dominant macrobenthic species ( <i>Meretrix meretrix</i> ). <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4197	4.8	1
132	Tide-Induced Variability and Mechanisms of Surface Suspended Sediment in the Zhoushan Archipelago along the Southeastern Coast of China Based on GOCI Data. <i>Remote Sensing</i> , <b>2021</b> , 13, 929	5	3
131	Extreme floods of the Changjiang River over the past two millennia: Contributions of climate change and human activity. <i>Marine Geology</i> , <b>2021</b> , 433, 106418	3.3	6
130	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. <i>Marine Geology</i> , <b>2021</b> , 434, 106443	3.3	2
129	Estimation of Bottom Friction Coefficient in Multi-Constituent Tidal Models Using the Adjoint Method: Temporal Variations and Spatial Distributions. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC016949	3.3	2
128	Effects of <i>Meretrix meretrix</i> on sediment thresholds of erosion and deposition on an intertidal flat. <i>Ecology and Hydrobiology</i> , <b>2021</b> , 21, 129-141	2.8	2
127	Predicting sediment flux from continental shelf islands, southeastern China. <i>Journal of Oceanology and Limnology</i> , <b>2021</b> , 39, 472-482	1.5	
126	Geometric modeling of Holocene large-river delta growth patterns, as constrained by environmental settings. <i>Science China Earth Sciences</i> , <b>2021</b> , 64, 318-328	4.6	
125	Cross-shelf sediment transport in the Yangtze Delta frontal zone: Insights from field observations. <i>Journal of Marine Systems</i> , <b>2021</b> , 219, 103559	2.7	2
124	Estimation of initial conditions for surface suspended sediment simulations with the adjoint method: A case study in Hangzhou Bay. <i>Continental Shelf Research</i> , <b>2021</b> , 227, 104526	2.4	1

123	Roles of advection and sediment resuspension-settling in the turbidity maximum zone of the Changjiang Estuary, China. <i>Continental Shelf Research</i> , <b>2021</b> , 229, 104559	2.4	2
122	Human-induced asynchronous sedimentary records between the north and south of the Changjiang distal mud belt since 2005 CE. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 262, 107578	2.9	
121	Numerical study on tidal duration asymmetry and shallow-water tides within multiple islands: An example of the Zhoushan Archipelago. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 262, 107576	2.9	1
120	Tracking historical storm records from high-barrier lagoon deposits on the southeastern coast of Hainan Island, China. <i>Acta Oceanologica Sinica</i> , <b>2021</b> , 40, 162-175	1	
119	The 3rd workshop on sediment dynamics of muddy coasts and estuaries: An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 245, 106994	2.9	
118	Controlling factors for the distribution of typical organic pollutants in the surface sediment of a macrotidal bay. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 28276-28287	5.1	4
117	Quantitative reconstruction of Holocene sediment sources contributing to the central Jiangsu coast, China: New insights into source-to-sink processes. <i>Earth Surface Processes and Landforms</i> , <b>2020</b> , 45, 2463-2477	3.7	4
116	Flow structure modification and drag reduction induced by sediment stratification in coastal tidal bottom boundary layers. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 241, 106829	2.9	3
115	Role of delta-front erosion in sustaining salt marshes under sea-level rise and fluvial sediment decline. <i>Limnology and Oceanography</i> , <b>2020</b> , 65, 1990-2009	4.8	27
114	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. <i>Marine Geology</i> , <b>2020</b> , 427, 106246	3.3	2
113	Sensitivities of Bottom Stress Estimation to Sediment Stratification in a Tidal Coastal Bottom Boundary Layer. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 256	2.4	2
112	Variations of wave parameter statistics as influenced by water depth in coastal and inner shelf areas. <i>Coastal Engineering</i> , <b>2020</b> , 159, 103714	4.8	3
111	Frequency and magnitude variability of Yalu River flooding: numerical analyses for the last 1000 years. <i>Hydrology and Earth System Sciences</i> , <b>2020</b> , 24, 4743-4761	5.5	1
110	Influence of Macrobenthos ( <i>Meretrix meretrix</i> Linnaeus) on Erosion-Accretion Processes in Intertidal Flats: A Case Study From a Cultivation Zone. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2019JG005345	3.7	4
109	Field measurements of tidal flows affected by mangrove seedlings in a restored mangrove swamp, Southern China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 235, 106561	2.9	1
108	Analysis of the spatial and temporal sensitivities of key parameters in the SWAN model: An example using Chan-hom typhoon waves. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 232, 106489	2.9	3
107	Internal waves triggered by river mouth shoals in the Yangtze River Estuary. <i>Ocean Engineering</i> , <b>2020</b> , 214, 107828	3.9	2
106	Exploring records of typhoon variability in eastern China over the past 2000 years. <i>Bulletin of the Geological Society of America</i> , <b>2020</b> , 132, 2243-2252	3.9	9

105	Sediment exchange between channel and sand ridges in the southern Yellow Sea: The importance of tidal asymmetries. <i>Continental Shelf Research</i> , <b>2020</b> , 205, 104169	2.4	2
104	Two-dimensional tide-induced residual sand transport: Applications to the Jiangsu coast, China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2020</b> , 245, 106991	2.9	0
103	Effects of diatoms on erosion and accretion processes in saltmarsh inferred from field observations of hydrodynamic and sedimentary processes. <i>Ecohydrology</i> , <b>2020</b> , 13, e2246	2.5	1
102	Constraints of salinity- and sediment-induced stratification on the turbidity maximum in a tidal estuary. <i>Geo-Marine Letters</i> , <b>2020</b> , 40, 765-779	1.9	5
101	Characterization of longshore currents in southern East China Sea during summer and autumn. <i>Acta Oceanologica Sinica</i> , <b>2020</b> , 39, 1-11	1	5
100	Revisiting the problem of sediment motion threshold. <i>Continental Shelf Research</i> , <b>2019</b> , 187, 103960	2.4	10
99	Winter storms induced high suspended sediment concentration along the north offshore seabed of the Changjiang estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2019</b> , 228, 106351	2.9	9
98	Human-induced changes in sediment properties and amplified endmember differences: Possible geological time markers in the future. <i>Science of the Total Environment</i> , <b>2019</b> , 661, 63-74	10.2	11
97	Rapid response of the Changjiang (Yangtze) River and East China Sea source-to-sink conveying system to human induced catchment perturbations. <i>Marine Geology</i> , <b>2019</b> , 414, 1-17	3.3	27
96	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
95	Hydrodynamics, erosion and accretion of intertidal mudflats in extremely shallow waters. <i>Journal of Hydrology</i> , <b>2019</b> , 573, 31-39	6	8
94	The impact of climate change and human activities on streamflow and sediment load in the Pearl River basin. <i>International Journal of Sediment Research</i> , <b>2019</b> , 34, 307-321	3	26
93	Variations in fluvial discharge of rivers over the last millennium along the eastern coast of the Liaodong Peninsula, China. <i>Journal of Asian Earth Sciences</i> , <b>2019</b> , 184, 103993	2.8	1
92	Cross-Front Sediment Transport Induced by Quick Oscillation of the Yellow Sea Warm Current: Evidence From the Sedimentary Record. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 226-234	4.9	10
91	Muddy Coast Off Jiangsu, China: Physical, Ecological, and Anthropogenic Processes <b>2019</b> , 25-49		1
90	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. <i>Chemosphere</i> , <b>2019</b> , 216, 31-39	8.4	3
89	Reservoir-induced changes to fluvial fluxes and their downstream impacts on sedimentary processes: The Changjiang (Yangtze) River, China. <i>Quaternary International</i> , <b>2018</b> , 493, 187-197	2	23
88	Sediment flux from the Zhoushan Archipelago, eastern China. <i>Journal of Chinese Geography</i> , <b>2018</b> , 28, 387-399	3.7	7

87	Sediment accumulation and retention of the Changjiang (Yangtze River) subaqueous delta and its distal muds over the last century. <i>Marine Geology</i> , <b>2018</b> , 401, 2-16	3.3	32
86	Tidal Response to Sea-Level Rise in Different Types of Estuaries: The Importance of Length, Bathymetry, and Geometry. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 227-235	4.9	64
85	Ecological response of <i>Casuarina equisetifolia</i> to environmental stress in coastal dunes in China. <i>Journal of Forest Research</i> , <b>2018</b> , 23, 173-182	1.4	1
84	A comprehensive sediment dynamics study of a major mud belt system on the inner shelf along an energetic coast. <i>Scientific Reports</i> , <b>2018</b> , 8, 4229	4.9	26
83	Worsened physical condition due to climate change contributes to the increasing hypoxia in Chesapeake Bay. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 707-717	10.2	44
82	Great differences in the critical erosion threshold between surface and subsurface sediments: A field investigation of an intertidal mudflat, Jiangsu, China. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 206, 76-86	2.9	3
81	Morphodynamics of a tidal ridge system in the southwestern Yellow Sea: HF radar study. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 206, 27-37	2.9	2
80	Reprint of Mechanisms of maintaining high suspended sediment concentration over tide-dominated offshore shoals in the southern Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2018</b> , 206, 2-13	2.9	4
79	Carcinoma-associated fibroblasts promote the stemness and chemoresistance of colorectal cancer by transferring exosomal lncRNA H19. <i>Theranostics</i> , <b>2018</b> , 8, 3932-3948	12.1	290
78	Parameter estimation for a cohesive sediment transport model by assimilating satellite observations in the Hangzhou Bay: Temporal variations and spatial distributions. <i>Ocean Modelling</i> , <b>2018</b> , 121, 34-48	3	12
77	Accumulation and Output of Heavy Metals by the Invasive Plant <i>Spartina alterniflora</i> in a Coastal Salt Marsh. <i>Pedosphere</i> , <b>2018</b> , 28, 884-894	5	15
76	On estimation of coastal wave parameters and wave-induced shear stresses. <i>Limnology and Oceanography: Methods</i> , <b>2018</b> , 16, 594-606	2.6	8
75	Differentiating the effects of advection and resuspension on suspended sediment concentrations in a turbid estuary. <i>Marine Geology</i> , <b>2018</b> , 403, 179-190	3.3	11
74	The response of sedimentary record to catchment changes induced by human activities in the western intertidal flat of Yalu River Estuary, China. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 54-63	1	1
73	Assessing the vulnerability of changing coasts, Hainan Island, China. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 114-120	1	3
72	Role of wind in erosion-accretion cycles on an estuarine mudflat. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 193-206	3.3	12
71	Rapid formation of marsh-edge cliffs, Jiangsu coast, China. <i>Marine Geology</i> , <b>2017</b> , 385, 260-273	3.3	15
70	Modeling the circulation and sediment transport in the Beibu Gulf. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 21-30	1	8

69	Classifying the sedimentary environments of the Xincun Lagoon, Hainan Island, by system cluster and principal component analyses. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 64-71	1	4
68	Mechanisms of maintaining high suspended sediment concentration over tide-dominated offshore shoals in the southern Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2017</b> , 191, 221-233	2.9	26
67	A Methodology for Estimating the Parameters in Three-Dimensional Cohesive Sediment Transport Models by Assimilating In Situ Observations with the Adjoint Method. <i>Journal of Atmospheric and Oceanic Technology</i> , <b>2017</b> , 34, 1469-1482	2	4
66	Analysis of the characteristics of offshore currents in the Changjiang (Yangtze River) estuarine waters based on buoy observations. <i>Acta Oceanologica Sinica</i> , <b>2017</b> , 36, 13-20	1	4
65	Modeling morphological change in anthropogenically controlled estuaries. <i>Anthropocene</i> , <b>2017</b> , 17, 70-83.9		11
64	LF-MF inhibits iron metabolism and suppresses lung cancer through activation of P53-miR-34a-E2F1/E2F3 pathway. <i>Scientific Reports</i> , <b>2017</b> , 7, 749	4.9	20
63	Physical and sedimentary processes on the tidal flat of central Jiangsu Coast, China: Headland induced tidal eddies and benthic fluid mud layers. <i>Continental Shelf Research</i> , <b>2017</b> , 133, 26-36	2.4	14
62	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. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2017</b> , 122, 235-247	3.8	26
61	Is Morphodynamic Equilibrium an oxymoron?. <i>Earth-Science Reviews</i> , <b>2017</b> , 165, 257-267	10.2	88
60	Erosion and Accretion on a Mudflat: The Importance of Very Shallow-Water Effects. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 9476-9499	3.3	25
59	A novel missense mutation in the ALPL gene causes dysfunction of the protein. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 710-718	2.9	4
58	Identification the potential of stool-based SNCA methylation as a candidate biomarker for early colorectal cancer detection. <i>Translational Cancer Research</i> , <b>2017</b> , 6, 169-176	0.3	2
57	Flood-ebb asymmetry in current velocity and suspended sediment transport in the Changjiang Estuary. <i>Acta Oceanologica Sinica</i> , <b>2016</b> , 35, 37-47	1	6
56	Field and theoretical investigation of sediment mass fluxes on an accretional coastal mudflat. <i>Journal of Hydro-Environment Research</i> , <b>2016</b> , 11, 75-90	2.3	16
55	Sediment resuspension in tidally dominated coastal environments: new insights into the threshold for initial movement. <i>Ocean Dynamics</i> , <b>2016</b> , 66, 401-417	2.3	20
54	Effects of intertidal reclamation on tides and potential environmental risks: a numerical study for the southern Yellow Sea. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	9
53	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. <i>Geo-Marine Letters</i> , <b>2016</b> , 36, 135-149		12
52	Simulation of water surge processes and analysis of water surge bearing capacity in Boao Bay, Hainan Island, China. <i>Ocean Engineering</i> , <b>2016</b> , 125, 51-59	3.9	2

51	Turbidity maximum formation and its seasonal variations in the Zhujiang (Pearl River) Estuary, southern China. <i>Acta Oceanologica Sinica</i> , <b>2016</b> , 35, 22-31	1	11
50	The effect of biomass variations of <i>Spartina alterniflora</i> on the organic carbon content and composition of a salt marsh in northern Jiangsu Province, China. <i>Ecological Engineering</i> , <b>2016</b> , 95, 160-170	3.9	22
49	Evolution status of the distal mud deposit associated with the Pearl River, northern South China Sea continental shelf. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 114, 562-573	2.8	21
48	Modeling the Deposition System Evolution of Accreting Tidal Flats: A Case Study from the Coastal Plain of Central Jiangsu, China. <i>Journal of Coastal Research</i> , <b>2015</b> , 31, 107	0.6	5
47	Determination of Critical Shear Stresses for Erosion and Deposition Based on In Situ Measurements of Currents and Waves over an Intertidal Mudflat. <i>Journal of Coastal Research</i> , <b>2015</b> , 316, 1344-1356	0.6	31
46	A numerical investigation of freshwater and sediment discharge variations of Poyang Lake catchment, China over the last 1000 years. <i>Holocene</i> , <b>2015</b> , 25, 1470-1482	2.6	16
45	Variations in quantity, composition and grain size of Changjiang sediment discharging into the sea in response to human activities. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 645-655	5.5	18
44	Simulation of sedimentary dynamics in a small-scale estuary: the role of human activities. <i>Environmental Earth Sciences</i> , <b>2015</b> , 74, 869-878	2.9	12
43	Intratidal erosion and deposition rates inferred from field observations of hydrodynamic and sedimentary processes: A case study of a mudflat to saltmarsh transition at the Yangtze delta front. <i>Continental Shelf Research</i> , <b>2014</b> , 90, 109-116	2.4	31
42	Changes in water and sediment exchange between the Changjiang River and Poyang Lake under natural and anthropogenic conditions, China. <i>Science of the Total Environment</i> , <b>2014</b> , 481, 542-53	10.2	113
41	Sediment dynamics in an offshore tidal channel in the southern Yellow Sea. <i>International Journal of Sediment Research</i> , <b>2014</b> , 29, 246-259	3	15
40	Field observation and analysis of wave-current-sediment movement in Caofeidian Sea area in the Bohai Bay, China. <i>China Ocean Engineering</i> , <b>2014</b> , 28, 331-348	1.1	11
39	Distal mud deposits associated with the Pearl River over the northwestern continental shelf of the South China Sea. <i>Marine Geology</i> , <b>2014</b> , 347, 43-57	3.3	55
38	A method for inversion of periodic open boundary conditions in two-dimensional tidal models. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2014</b> , 275, 20-38	5.7	22
37	Remarkable morphological change in a large tidal inlet with low sediment-supply. <i>Continental Shelf Research</i> , <b>2014</b> , 90, 79-95	2.4	12
36	Intertidal flat development in response to controlled embankment retreat: Freiston Shore, The Wash, UK. <i>Marine Geology</i> , <b>2014</b> , 355, 260-273	3.3	9
35	Sedimentation and morphological changes at Yuantuojiao Point, estuary of the North Branch, Changjiang River. <i>Acta Oceanologica Sinica</i> , <b>2013</b> , 32, 24-34	1	5
34	Sediment resuspension, flocculation, and settling in a macrotidal estuary. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 5591-5608	3.3	83

33	ADCP measurements of suspended sediment flux at the entrance to Jiaozhou Bay, western Yellow Sea. <i>Acta Oceanologica Sinica</i> , <b>2013</b> , 32, 96-103	1	8
32	<b>2013,</b>		2
31	microRNA-29b contributes to pre-eclampsia through its effects on apoptosis, invasion and angiogenesis of trophoblast cells. <i>Clinical Science</i> , <b>2013</b> , 124, 27-40	6.5	115
30	Tide-induced suspended sediment transport: Depth-averaged concentrations and horizontal residual fluxes. <i>Continental Shelf Research</i> , <b>2012</b> , 34, 53-63	2.4	37
29	Sediment transport over an accretional intertidal flat with influences of reclamation, Jiangsu coast, China. <i>Marine Geology</i> , <b>2012</b> , 291-294, 147-161	3.3	134
28	Tidal hydrodynamics and fine-grained sediment transport on the radial sand ridge system in the southern Yellow Sea. <i>Marine Geology</i> , <b>2012</b> , 291-294, 192-210	3.3	109
27	Extraction of morphometric bedform characteristics from profiling sonar datasets recorded in shallow coastal waters of China. <i>China Ocean Engineering</i> , <b>2012</b> , 26, 469-482	1.1	
26	Coastal Embayment Long-Term Erosion/Siltation Associated with P-A Relationships: A Case Study from Jiaozhou Bay, China. <i>Journal of Coastal Research</i> , <b>2012</b> , 28, 1236	0.6	8
25	The effect of interacting downstream branches on saltwater intrusion in the Modaomen Estuary, China. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 45, 223-238	2.8	33
24	Relating accretion and erosion at an exposed tidal wetland to the bottom shear stress of combined current/wave action. <i>Geomorphology</i> , <b>2012</b> , 138, 380-389	4.3	61
23	Distribution and dispersal pattern of clay minerals in surface sediments, eastern Beibu Gulf, South China Sea. <i>Acta Oceanologica Sinica</i> , <b>2012</b> , 31, 78-87	1	13
22	Modeling profile shape evolution for accreting tidal flats composed of mud and sand: A case study of the central Jiangsu coast, China. <i>Continental Shelf Research</i> , <b>2011</b> , 31, 1750-1760	2.4	30
21	Study on linear and nonlinear bottom friction parameterizations for regional tidal models using data assimilation. <i>Continental Shelf Research</i> , <b>2011</b> , 31, 555-573	2.4	34
20	Sediment retention at the Changjiang sub-aqueous delta over a 57 year period, in response to catchment changes. <i>Estuarine, Coastal and Shelf Science</i> , <b>2011</b> , 95, 29-38	2.9	36
19	Application of a Distributed Large Basin Runoff Model to Lake Erie: Model Calibration and Analysis of Parameter Spatial Variation. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2011</b> , 16, 193-202	1.8	11
18	Response of Variability in Water Discharges from Changjiang River on PDO in Past 50 Years. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , <b>2010</b> ,		1
17	Plutonium AMS measurements in Yangtze River estuary sediment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 1155-1158	1.2	33
16	Invading cord grass vegetation changes analyzed from Landsat-TM imageries: a case study from the Wanggang area, Jiangsu coast, eastern China. <i>Acta Oceanologica Sinica</i> , <b>2010</b> , 29, 26-37	1	17



15	Delineating suspended sediment concentration patterns in surface waters of the Changjiang Estuary by remote sensing analysis. <i>Acta Oceanologica Sinica</i> , <b>2010</b> , 29, 38-47	1	28
14	The application of geostatistics in grain size trend analysis: A case study of eastern Beibu Gulf. <i>Journal of Chinese Geography</i> , <b>2010</b> , 20, 77-90	3.7	23
13	GRAIN SIZE CHARACTERISTICS OF SURFICIAL SEDIMENTS AND THEIR RESPONSE TO HYDRODYNAMICS OVER THE COASTAL WATERS OF NORTHERN JIANGSU PROVINCE. <i>Marine Geology &amp; Quaternary Geology</i> , <b>2009</b> , 29, 7-12		8
12	Changes in material fluxes from the Changjiang River and their implications on the adjoining continental shelf ecosystem. <i>Continental Shelf Research</i> , <b>2008</b> , 28, 1490-1500	2.4	115
11	Morphodynamic modelling of open-sea tidal channels eroded into a sandy seabed, with reference to the channel systems on the China coast. <i>Geo-Marine Letters</i> , <b>2008</b> , 28, 255-263	1.9	5
10	Spatial distributions of organic carbon and nitrogen and their isotopic compositions in sediments of the Changjiang Estuary and its adjacent sea area. <i>Journal of Chinese Geography</i> , <b>2008</b> , 18, 46-58	3.7	23
9	Role of <i>Spartina alterniflora</i> on sediment dynamics of coastal salt marshes [case study from central Jiangsu and middle Fujian coasts. <i>Frontiers of Earth Science</i> , <b>2008</b> , 2, 269-275		4
8	Sediment dynamics of turbidity maximum in Changjiang River mouth in dry season. <i>Frontiers of Earth Science</i> , <b>2008</b> , 2, 249-261		8
7	Interpreting grain-size trends associated with bedload transport on the intertidal flats at Dafeng, central Jiangsu coast. <i>Science Bulletin</i> , <b>2006</b> , 51, 341-351		11
6	High-resolution data collection for analysis of sediment dynamic processes associated with combined current-wave action over intertidal flats. <i>Science Bulletin</i> , <b>2006</b> , 51, 866-877	10.6	28
5	Dispersion polymerization of acrylamide with 2-acrylamido-2-methyl-1-propane sulfonate in aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 2379-2385	2.9	40
4	Suspended Sediment Transport in the Coastal Area of Jinhae Bay, Nakdong Estuary, Korea Strait. <i>Journal of Coastal Research</i> , <b>2006</b> , 225, 1062-1069	0.6	10
3	Modification to the Hardisty Equation, Regarding the Relationship Between Sediment Transport Rate and Particle Size. <i>Journal of Sedimentary Research</i> , <b>2001</b> , 71, 118-121	2.1	20
2	Geomorphic and hydrodynamic responses in salt marsh-tidal creek systems, Jiangsu, China. <i>Science Bulletin</i> , <b>1999</b> , 44, 544-549		10
1	A late Holocene shift of typhoon activity recorded by coastal sedimentary archives in eastern China. <i>Sedimentology</i> ,	3.3	1