

Shu Gao

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.

166
papers

4,427
citations

35
h-index

61
g-index

177
ext. papers

5,283
ext. citations

3.6
avg, IF

5.74
L-index

#	Paper	IF	Citations
166	Identification, extraction and interpretation of multi-period variations of coastal suspended sediment concentration based on unevenly spaced observations. <i>Marine Geology</i> , 2022 , 445, 106732	3.3	0
165	Fluid mud dynamics in a tide-dominated estuary: A case study from the Yangtze River. <i>Continental Shelf Research</i> , 2022 , 232, 104623	2.4	0
164	Recyclable NiO/sepiolite as adsorbent to remove organic dye and its regeneration.. <i>Scientific Reports</i> , 2022 , 12, 2895	4.9	0
163	Gravity-driven sediment flows on the shallow sea floor of a muddy open coast. <i>Marine Geology</i> , 2022 , 445, 106759	3.3	0
162	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age.. <i>Nature Communications</i> , 2022 , 13, 1712	17.4	1
161	Long-term effect of perfluorooctanoic acid on the anammox system based on metagenomics: Performance, sludge characteristic and microbial community dynamic.. <i>Bioresource Technology</i> , 2022 , 351, 127002	11	0
160	Effects of PFOA on the physicochemical properties of anaerobic granular sludge: Performance evaluation, microbial community and metagenomic analysis.. <i>Journal of Environmental Management</i> , 2022 , 313, 114936	7.9	0
159	Geomorphology and sediment dynamics of the Liyashan oyster reefs, Jiangsu Coast, China. <i>Acta Oceanologica Sinica</i> , 2021 , 40, 118-128	1	0
158	Longitudinal residual circulation in the South Passage of Yangtze Estuary: Combined influences from runoff, tide and bathymetry. <i>Science China Earth Sciences</i> , 2021 , 64, 2129	4.6	1
157	Extreme floods of the Changjiang River over the past two millennia: Contributions of climate change and human activity. <i>Marine Geology</i> , 2021 , 433, 106418	3.3	6
156	An eco-parametric method to derive sedimentation rates for coastal saltmarshes. <i>Science of the Total Environment</i> , 2021 , 770, 144756	10.2	0
155	Wetland Utilization and Adaptation Practice of a Coastal Megacity: A Case Study of Chongming Island, Shanghai, China. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	1
154	Effects of <i>Meretrix meretrix</i> on sediment thresholds of erosion and deposition on an intertidal flat. <i>Ecology and Hydrobiology</i> , 2021 , 21, 129-141	2.8	2
153	Predicting sediment flux from continental shelf islands, southeastern China. <i>Journal of Oceanology and Limnology</i> , 2021 , 39, 472-482	1.5	
152	Calculating the sediment flux of the small coastal watersheds: a modification of global equations. <i>Acta Oceanologica Sinica</i> , 2021 , 40, 147-154	1	
151	Geometric modeling of Holocene large-river delta growth patterns, as constrained by environmental settings. <i>Science China Earth Sciences</i> , 2021 , 64, 318-328	4.6	
150	Morphological evolution of river mouth spits: Wave effects and self-organization patterns. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 262, 107567	2.9	0

149	Tracking historical storm records from high-barrier lagoon deposits on the southeastern coast of Hainan Island, China. <i>Acta Oceanologica Sinica</i> , 2021 , 40, 162-175	1	
148	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> , 2020 , 45, 2463-2477	3.7	4
147	Flow structure modification and drag reduction induced by sediment stratification in coastal tidal bottom boundary layers. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 241, 106829	2.9	3
146	Coastal engineering evolution in low-lying areas and adaptation practice since the eleventh century, Jiangsu Province, China. <i>Climatic Change</i> , 2020 , 162, 799-817	4.5	1
145	Role of delta-front erosion in sustaining salt marshes under sea-level rise and fluvial sediment decline. <i>Limnology and Oceanography</i> , 2020 , 65, 1990-2009	4.8	27
144	Failure mechanism of transformer oil-immersed cellulosic insulation induced by sulfur corrosion. <i>Cellulose</i> , 2020 , 27, 7157-7174	5.5	8
143	Variations of wave parameter statistics as influenced by water depth in coastal and inner shelf areas. <i>Coastal Engineering</i> , 2020 , 159, 103714	4.8	3
142	Frequency and magnitude variability of Yalu River flooding: numerical analyses for the last 1000 years. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4743-4761	5.5	1
141	Settling velocity and drag coefficient of platy shell fragments. <i>Sedimentology</i> , 2020 , 67, 2095-2110	3.3	3
140	Sedimentary zonation shift of tidal flats in a meso-tidal estuary. <i>Sedimentary Geology</i> , 2020 , 407, 105749-2.8	2.8	1
139	Exploring records of typhoon variability in eastern China over the past 2000 years. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 2243-2252	3.9	9
138	Metagenomic comparison of structure and function of microbial community between water, effluent and shrimp intestine of higher place <i>Litopenaeus vannamei</i> ponds. <i>Journal of Applied Microbiology</i> , 2020 , 129, 243-255	4.7	8
137	Anthropogenic, Direct Pressures on Coastal Wetlands. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	29
136	Early Holocene tidal flat evolution in a western embayment of East China Sea, in response to sea level rise episodes. <i>Quaternary Science Reviews</i> , 2020 , 250, 106642	3.9	3
135	Latitudinal Response of Storm Activity to Abrupt Climate Change During the Last 6,500 Years. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL089859	4.9	7
134	An automated procedure to calculate the morphological parameters of superimposed rhythmic bedforms. <i>Earth Surface Processes and Landforms</i> , 2020 , 45, 3496-3509	3.7	1
133	Revisiting the problem of sediment motion threshold. <i>Continental Shelf Research</i> , 2019 , 187, 103960	2.4	10
132	Threshold sediment flux for the formation of river deltas in Hainan Island, southern China. <i>Journal of Chinese Geography</i> , 2019 , 29, 146-160	3.7	3

131	Human-induced changes in sediment properties and amplified endmember differences: Possible geological time markers in the future. <i>Science of the Total Environment</i> , 2019 , 661, 63-74	10.2	11
130	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> , 2019 , 414, 1-17	3.3	27
129	Saline water intrusion in relation to strong winds during winter cold outbreaks: North Branch of the Yangtze Estuary. <i>Journal of Hydrology</i> , 2019 , 574, 1099-1109	6	9
128	Sand-Mud Tidal Flat Morphodynamics Influenced by Alongshore Tidal Currents. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 3818-3836	3.3	8
127	Salt and Wetland: Traditional Development Landscape, Land Use Changes and Environmental Adaptation on the Central Jiangsu Coast, China, 1450-1900. <i>Wetlands</i> , 2019 , 39, 1089-1102	1.7	4
126	Vertical Distributions of Suspended Sediment Concentrations in the Turbidity Maximum Zone of the Periodically and Partially Stratified Changjiang Estuary. <i>Estuaries and Coasts</i> , 2019 , 42, 1475-1490	2.8	8
125	Multi-decadal morpho-sedimentary dynamics of the largest Changjiang estuarine marginal shoal: Causes and implications. <i>Land Degradation and Development</i> , 2019 , 30, 2048-2063	4.4	13
124	Investigating ENSO and WPWP modulated typhoon variability in the South China Sea during the mid-late Holocene using sedimentological evidence from southeastern Hainan Island, China. <i>Marine Geology</i> , 2019 , 416, 105987	3.3	16
123	Extracting historic cyclone data from coastal dune deposits in eastern Hainan Island, China. <i>Sedimentary Geology</i> , 2019 , 392, 105524	2.8	7
122	Centralization and decentralization: Coastal management pattern changes since the late 19th century, Jiangsu Province, China. <i>Marine Policy</i> , 2019 , 109, 103705	3.5	0
121	Dynamic land use and its policy in response to environmental and social-economic changes in China: A case study of the Jiangsu coast (1750-2015). <i>Land Use Policy</i> , 2019 , 82, 169-180	5.6	22
120	Geomorphology and Sedimentology of Tidal Flats 2019 , 359-381		7
119	Quantifying sediment storage on the floodplains outside levees along the lower Yellow River during the years 1580-1849. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 581-594	3.7	9
118	Reservoir-induced changes to fluvial fluxes and their downstream impacts on sedimentary processes: The Changjiang (Yangtze) River, China. <i>Quaternary International</i> , 2018 , 493, 187-197	2	23
117	Sediment flux from the Zhoushan Archipelago, eastern China. <i>Journal of Chinese Geography</i> , 2018 , 28, 387-399	3.7	7
116	Modulation of Extreme Flood Levels by Impoundment Significantly Offset by Floodplain Loss Downstream of the Three Gorges Dam. <i>Geophysical Research Letters</i> , 2018 , 45, 3147-3155	4.9	60
115	Sediment accumulation and retention of the Changjiang (Yangtze River) subaqueous delta and its distal muds over the last century. <i>Marine Geology</i> , 2018 , 401, 2-16	3.3	32
114	Meiofauna and nematode community characteristics indicate ecological changes induced by geomorphic evolution: A case study on tidal creek systems. <i>Ecological Indicators</i> , 2018 , 87, 97-106	5.8	1

113	Use of the Cone Penetration Testing (CPT) method to interpret late Quaternary tide-dominated successions: A case study from the eastern China coastal plain. <i>Continental Shelf Research</i> , 2018 , 161, 49-57	2.4	5
112	Modeling the dynamics of urban and ecological binary space for regional coordination: A case of Fuzhou coastal areas in Southeast China. <i>Habitat International</i> , 2018 , 72, 48-56	4.6	1
111	Morphodynamics of a tidal ridge system in the southwestern Yellow Sea: HF radar study. <i>Estuarine, Coastal and Shelf Science</i> , 2018 , 206, 27-37	2.9	2
110	Scaling properties of estuarine beaches. <i>Marine Geology</i> , 2018 , 404, 130-136	3.3	9
109	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> , 2018 , 121, 34-48	3	12
108	On estimation of coastal wave parameters and wave-induced shear stresses. <i>Limnology and Oceanography: Methods</i> , 2018 , 16, 594-606	2.6	8
107	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	2.9	11
106	Morphodynamics of the Qiantang Estuary, China: Controls of river flood events and tidal bores. <i>Marine Geology</i> , 2018 , 406, 27-33	3.3	14
105	Differentiating the effects of advection and resuspension on suspended sediment concentrations in a turbid estuary. <i>Marine Geology</i> , 2018 , 403, 179-190	3.3	11
104	On the sediment age estimated by ²¹⁰ Pb dating: probably misleading prolonging and multiple-factor-caused <i>Acta Oceanologica Sinica</i> , 2018 , 37, 30-39	1	6
103	Shoal morphodynamics of the Changjiang (Yangtze) estuary: Influences from river damming, estuarine hydraulic engineering and reclamation projects. <i>Marine Geology</i> , 2017 , 386, 32-43	3.3	42
102	Rapid formation of marsh-edge cliffs, Jiangsu coast, China. <i>Marine Geology</i> , 2017 , 385, 260-273	3.3	15
101	Classifying the sedimentary environments of the Xincun Lagoon, Hainan Island, by system cluster and principal component analyses. <i>Acta Oceanologica Sinica</i> , 2017 , 36, 64-71	1	4
100	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> , 2017 , 34, 1469-1482	2	4
99	Modeling morphological change in anthropogenically controlled estuaries. <i>Anthropocene</i> , 2017 , 17, 70-83.9	3.9	11
98	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> , 2017 , 122, 2999-3020	3.3	20
97	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> , 2017 , 133, 26-36	2.4	14
96	Variations in the transport, distribution, and budget of ²¹⁰ Pb 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> , 2017 , 122, 235-247	3.8	26

95	Is Morphodynamic Equilibrium an oxymoron?. <i>Earth-Science Reviews</i> , 2017 , 165, 257-267	10.2	88
94	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	3.3	39
93	Erosion and Accretion on a Mudflat: The Importance of Very Shallow-Water Effects. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 9476-9499	3.3	25
92	Will river erosion below the Three Gorges Dam stop in the middle Yangtze?. <i>Journal of Hydrology</i> , 2017 , 554, 24-31	6	56
91	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	3.8	17
90	Reconstructing environmental changes of a coastal lagoon with coral reefs in southeastern Hainan Island. <i>Chinese Geographical Science</i> , 2017 , 27, 402-414	2.9	5
89	Internal deformation of a muddy gravity flow and its interaction with the seafloor (site C0018 of IODP Expedition 333, Nankai Trough, SE Japan). <i>Landslides</i> , 2017 , 14, 849-860	6.6	12
88	Typhoon events recorded in coastal lagoon deposits, southeastern Hainan Island. <i>Acta Oceanologica Sinica</i> , 2017 , 36, 37-45	1	9
87	Environmental characteristics and land-use pattern changes of the Old Huanghe River delta, eastern China, in the sixteenth to twentieth centuries. <i>Sustainability Science</i> , 2016 , 11, 695-709	6.4	4
86	Heavy metal accumulation reflecting natural sedimentary processes and anthropogenic activities in two contrasting coastal wetland ecosystems, eastern China. <i>Journal of Soils and Sediments</i> , 2016 , 16, 1093-1108	3.4	29
85	Sediment resuspension in tidally dominated coastal environments: new insights into the threshold for initial movement. <i>Ocean Dynamics</i> , 2016 , 66, 401-417	2.3	20
84	Traditional coastal management practices and land use changes during the 16 th to 20 th centuries, Jiangsu Province, China. <i>Ocean and Coastal Management</i> , 2016 , 124, 10-21	3.9	17
83	Holocene sedimentary systems on a broad continental shelf with abundant river input: process-product relationships. <i>Geological Society Special Publication</i> , 2016 , 429, 223-259	1.7	23
82	Gravity anomaly in the southern South China Sea: a connection of Moho depth to the nature of the sedimentary basins' crust. <i>Geological Journal</i> , 2016 , 51, 244-262	1.7	7
81	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> , 2016 , 36, 135-149	1.9	12
80	Coupling bedform roughness and sediment grain-size sorting in modelling of tidal inlet incision. <i>Marine Geology</i> , 2016 , 381, 128-141	3.3	13
79	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> , 2015 , 114, 562-573	2.8	21
78	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> , 2015 , 31, 107	0.6	5

77	Modeling flood dynamics along the superelevated channel belt of the Yellow River over the last 3000 years. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015 , 120, 1321-1351	3.8	21
76	A numerical investigation of freshwater and sediment discharge variations of Poyang Lake catchment, China over the last 1000 years. <i>Holocene</i> , 2015 , 25, 1470-1482	2.6	16
75	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> , 2015 , 19, 645-655	5.5	18
74	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> , 2014 , 481, 542-53	10.2	113
73	Holocene sedimentary systems on continental shelves. <i>Marine Geology</i> , 2014 , 352, 268-294	3.3	143
72	Facies architecture and depositional model of a macrotidal incised-valley succession (Qiantang River estuary, eastern China), and differences from other macrotidal systems. <i>Bulletin of the Geological Society of America</i> , 2014 , 126, 499-522	3.9	39
71	Environment-ecosystem dynamic processes of <i>Spartina alterniflora</i> salt-marshes along the eastern China coastlines. <i>Science China Earth Sciences</i> , 2014 , 57, 2567-2586	4.6	44
70	Suspended sediment and total dissolved solid yield patterns at the headwaters of Urumqi River, northwestern China: a comparison between glacial and non-glacial catchments. <i>Hydrological Processes</i> , 2014 , 28, 5034-5047	3.3	5
69	Modeling the effect of progressive grain-size sorting on the scale dependence of back-barrier tidal basin morphology. <i>Continental Shelf Research</i> , 2014 , 91, 26-36	2.4	6
68	Distal mud deposits associated with the Pearl River over the northwestern continental shelf of the South China Sea. <i>Marine Geology</i> , 2014 , 347, 43-57	3.3	55
67	Remarked morphological change in a large tidal inlet with low sediment-supply. <i>Continental Shelf Research</i> , 2014 , 90, 79-95	2.4	12
66	Scale-dependent characteristics of equilibrium morphology of tidal basins along the Dutch-German North Sea Coast. <i>Marine Geology</i> , 2014 , 348, 63-72	3.3	13
65	Turbidity maximum formation in a well-mixed macrotidal estuary: The role of tidal pumping. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 7705-7724	3.3	42
64	Ecological functioning of free-living marine nematodes in coastal wetlands: an overview. <i>Science Bulletin</i> , 2014 , 59, 4692-4704		5
63	Modeling interrelationships between morphological evolution and grain-size trends in back-barrier tidal basins of the East Frisian Wadden Sea. <i>Geo-Marine Letters</i> , 2014 , 34, 37-49	1.9	12
62	Invasive <i>Spartina alterniflora</i> -induced factors affecting epibenthos distribution in coastal salt marsh, China. <i>Acta Oceanologica Sinica</i> , 2013 , 32, 81-88	1	6
61	Sediment resuspension, flocculation, and settling in a macrotidal estuary. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 5591-5608	3.3	83
60	Efficient colonization and harpins mediated enhancement in growth and biocontrol of wilt disease in tomato by <i>Bacillus subtilis</i> . <i>Letters in Applied Microbiology</i> , 2013 , 57, 526-33	2.9	35

59	ADCP measurements of suspended sediment flux at the entrance to Jiaozhou Bay, western Yellow Sea. <i>Acta Oceanologica Sinica</i> , 2013 , 32, 96-103	1	8
58	Holocene shelf-coastal sedimentary systems associated with the Changjiang River: An overview. <i>Acta Oceanologica Sinica</i> , 2013 , 32, 4-12	1	33
57	Estimating Deposition Rates Using a Morphological Proxy of <i>Spartina alterniflora</i> Plants. <i>Journal of Coastal Research</i> , 2013 , 292, 1452-1463	0.6	7
56	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	3	40
55	Tide-induced suspended sediment transport: Depth-averaged concentrations and horizontal residual fluxes. <i>Continental Shelf Research</i> , 2012 , 34, 53-63	2.4	37
54	Sediment transport over an accretional intertidal flat with influences of reclamation, Jiangsu coast, China. <i>Marine Geology</i> , 2012 , 291-294, 147-161	3.3	134
53	Modeling the formation of a sand bar within a large funnel-shaped, tide-dominated estuary: Qiantangjiang Estuary, China. <i>Marine Geology</i> , 2012 , 299-302, 63-76	3.3	43
52	Extraction of morphometric bedform characteristics from profiling sonar datasets recorded in shallow coastal waters of China. <i>China Ocean Engineering</i> , 2012 , 26, 469-482	1.1	
51	Socio-economic impacts on flooding: a 4000-year history of the Yellow River, China. <i>Ambio</i> , 2012 , 41, 682-98	6.5	122
50	Influence of <i>Spartina</i> Colonization on the Supply and Accumulation of Organic Carbon in Tidal Salt Marshes of Northern Jiangsu Province, China. <i>Journal of Coastal Research</i> , 2012 , 280, 486-498	0.6	27
49	Environmental changes in Shamei Lagoon, Hainan Island, China: Interactions between natural processes and human activities. <i>Journal of Asian Earth Sciences</i> , 2012 , 52, 158-168	2.8	22
48	Modelling the equilibrium hypsometry of back-barrier tidal flats in the German Wadden Sea (southern North Sea). <i>Continental Shelf Research</i> , 2012 , 49, 90-99	2.4	13
47	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> , 2011 , 31, 1750-1760	2.4	30
46	Relationship between bed shear stress and suspended sediment concentration: annular flume experiments. <i>International Journal of Sediment Research</i> , 2011 , 26, 513-523	3	20
45	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> , 2011 , 95, 29-38	2.9	36
44	Tide-induced vertical suspended sediment concentration profiles: phase lag and amplitude attenuation. <i>Ocean Dynamics</i> , 2011 , 61, 403-410	2.3	23
43	Methods to Improve Seed Yield of <i>Leymus chinensis</i> based on Nitrogen Application and Precipitation Analysis. <i>Agronomy Journal</i> , 2010 , 102, 277-281	2.2	22
42	Spatial variations of tidal water level and their impact on the exposure patterns of tidal land on the central Jiangsu coast. <i>Acta Oceanologica Sinica</i> , 2010 , 29, 79-87	1	2

41	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> , 2010 , 29, 26-37	1	17
40	Delineating suspended sediment concentration patterns in surface waters of the Changjiang Estuary by remote sensing analysis. <i>Acta Oceanologica Sinica</i> , 2010 , 29, 38-47	1	28
39	Process-based modeling of morphodynamics of a tidal inlet system. <i>Acta Oceanologica Sinica</i> , 2010 , 29, 51-61	1	5
38	Sediment dynamic responses of coastal salt marsh to typhoon in Quanzhou Bay, Fujian Province, China. <i>Science Bulletin</i> , 2009 , 54, 120-130		14
37	The macrobenthos in <i>Spartina alterniflora</i> salt marshes of the Wanggang tidal-flat, Jiangsu coast, China. <i>Ecological Engineering</i> , 2009 , 35, 1158-1166	3.9	17
36	Modeling the preservation potential of tidal flat sedimentary records, Jiangsu coast, eastern China. <i>Continental Shelf Research</i> , 2009 , 29, 1927-1936	2.4	37
35	Modeling the tidal channel morphodynamics in a macro-tidal embayment, Hangzhou Bay, China. <i>Continental Shelf Research</i> , 2009 , 29, 1757-1767	2.4	90
34	Fate of sediments delivered to the sea by Asian large rivers: Long-distance transport and formation of remote alongshore clinothems. <i>The Sedimentary Record</i> , 2009 , 7, 4-9	3.3	114
33	Changes in material fluxes from the Changjiang River and their implications on the adjoining continental shelf ecosystem. <i>Continental Shelf Research</i> , 2008 , 28, 1490-1500	2.4	115
32	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> , 2008 , 28, 255-263	1.9	5
31	A sedimentological approach to P-A relationships for tidal inlet systems: an example from Yuehu Inlet, Shandong Peninsula, China. <i>Frontiers of Earth Science</i> , 2008 , 2, 262-268		2
30	Spatio-temporal characteristics of residential land growth in Hefei of Anhui Province, China. <i>Chinese Geographical Science</i> , 2007 , 17, 135-142	2.9	3
29	Modeling the growth limit of the Changjiang Delta. <i>Geomorphology</i> , 2007 , 85, 225-236	4.3	39
28	Interpreting grain-size trends associated with bedload transport on the intertidal flats at Dafeng, central Jiangsu coast. <i>Science Bulletin</i> , 2006 , 51, 341-351		11
27	High-resolution data collection for analysis of sediment dynamic processes associated with combined current-wave action over intertidal flats. <i>Science Bulletin</i> , 2006 , 51, 866-877	10.6	28
26	Catchment-Coast Interactions in the Asia-Pacific Region 2006 , 67-92		1
25	Last deglaciation in the Okinawa Trough: Subtropical northwest Pacific link to Northern Hemisphere and tropical climate. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		110
24	Sedimentary facies and evolution in the Qiantang River incised valley, eastern China. <i>Marine Geology</i> , 2005 , 219, 235-259	3.3	69

23	A critique of Modeling suspended sediment distribution in continental shelf upwelling/downwelling settings. <i>Geo-Marine Letters</i> , 2005 , 25, 387-388	1.9	
22	Sedimentation rates in the Wanggang salt marshes, Jiangsu. <i>Journal of Chinese Geography</i> , 2005 , 15, 199-209	3.7	11
21	Net sediment transport patterns over the Bohai Strait based on grain size trend analysis. <i>Estuarine, Coastal and Shelf Science</i> , 2004 , 60, 203-212	2.9	74
20	Sediment and carbon accumulation in a small tidal basin: Yuehu, Shandong Peninsula, China. <i>Regional Environmental Change</i> , 2004 , 4, 63-69	4.3	18
19	Spatial variability and representation of seabed sediment grain sizes: An example from the Zhoushan-Jinshanwei transect, Hangzhou Bay, China. <i>Science Bulletin</i> , 2004 , 49, 2503-2507		
18	Holocene development of the Yellow River's subaqueous delta, North Yellow Sea. <i>Marine Geology</i> , 2004 , 209, 45-67	3.3	486
17	Sediment transport in Yalu River estuary. <i>Chinese Geographical Science</i> , 2003 , 13, 157-163	2.9	10
16	Sediment dynamic processes of the Yuehu inlet system, Shandong Peninsula, China. <i>Estuarine, Coastal and Shelf Science</i> , 2003 , 57, 783-801	2.9	30
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6	Net Sand Transport Direction in a Tidal Inlet, using Foraminiferal Tests as Natural Tracers. <i>Estuarine, Coastal and Shelf Science</i> , 1995 , 40, 681-697	2.9	16

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2	Net sediment transport patterns inferred from grain-size trends, based upon definition of transport vectors. <i>Sedimentary Geology</i> , 1992 , 81, 47-60	2.8	190
1	A late Holocene shift of typhoon activity recorded by coastal sedimentary archives in eastern China. <i>Sedimentology</i> ,	3.3	1