Shu Gao

List of Publications by Year
in descending order

171	6,083	76196	88477
papers	citations	40 h-index	70 g-index

177	177	177	4177
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Holocene development of the Yellow River's subaqueous delta, North Yellow Sea. Marine Geology, 2004, 209, 45-67.	0.9	589
2	Net sediment transport patterns inferred from grain-size trends, based upon definition of â€œtransport vectorsâ€• Sedimentary Geology, 1992, 81, 47-60.	1.0	218
3	Socio-economic Impacts on Flooding: A 4000-Year History of the Yellow River, China. Ambio, 2012, 41, 682-698.	2.8	190
4	Sediment transport over an accretional intertidal flat with influences of reclamation, Jiangsu coast, China. Marine Geology, 2012, 291-294, 147-161.	0.9	176
5	Holocene sedimentary systems on continental shelves. Marine Geology, 2014, 352, 268-294.	0.9	175
6	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, 542-553.	3.9	154
7	Changes in material fluxes from the Changjiang River and their implications on the adjoining continental shelf ecosystem. Continental Shelf Research, 2008, 28, 1490-1500.	0.9	144
8	Fate of sediments delivered to the sea by Asian large rivers: Long-distance transport and formation of remote alongshore clinothems. The Sedimentary Record, 2009, 7, 4-9.	0.4	144
9	Last deglaciation in the Okinawa Trough: Subtropical northwest Pacific link to Northern Hemisphere and tropical climate. Paleoceanography, 2005, 20, n/a-n/a.	3.0	139
10	Modeling the tidal channel morphodynamics in a macro-tidal embayment, Hangzhou Bay, China. Continental Shelf Research, 2009, 29, 1757-1767.	0.9	120
11	Is â€œMorphodynamic Equilibriumâ€•an oxymoron?. Earth-Science Reviews, 2017, 165, 257-267.	4.0	112
12	The Shandong mud wedge and post-glacial sediment accumulation in the Yellow Sea. Geo-Marine Letters, 2001, 21, 212-218.	0.5	110
13	Sediment resuspension, flocculation, and settling in a macrotidal estuary. Journal of Geophysical Research: Oceans, 2013, 118, 5591-5608.	1.0	108
14	Anthropogenic, Direct Pressures on Coastal Wetlands. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	99
15	Shifting perspectives on coastal impacts and adaptation. Nature Climate Change, 2014, 4, 752-755.	8.1	97
16	Grain size trends associated with net sediment transport patterns: An example from the Belgian continental shelf. Marine Geology, 1994, 121, 171-185.	0.9	90
17	Net sediment transport patterns over the Bohai Strait based on grain size trend analysis. Estuarine, Coastal and Shelf Science, 2004, 60, 203-212.	0.9	88
18	Modulation of Extreme Flood Levels by Impoundment Significantly Offset by Floodplain Loss Downstream of the Three Gorges Dam. Geophysical Research Letters, 2018, 45, 3147-3155.	1.5	82

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19	Sedimentary facies and evolution in the Qiantang River incised valley, eastern China. Marine Geology, 2005, 219, 235-259.	0.9	81
20	Role of deltaâ€front erosion in sustaining salt marshes under seaâ€level rise and fluvial sediment decline. Limnology and Oceanography, 2020, 65, 1990-2009.	1.6	80
21	Will river erosion below the Three Gorges Dam stop in the middle Yangtze?. Journal of Hydrology, 2017, 554, 24-31.	2.3	77
22	Water and sediment movement in the vicinity of linear sandbanks: the Norfolk Banks, southern North Sea. Marine Geology, 1995, 123, 125-142.	0.9	76
23	A FORTRAN program for grain-size trend analysis to define net sediment transport pathways. Computers and Geosciences, 1996, 22, 449-452.	2.0	76
24	Distal mud deposits associated with the Pearl River over the northwestern continental shelf of the South China Sea. Marine Geology, 2014, 347, 43-57.	0.9	73
25	Numerical modeling of tidal currents, sediment transport and morphological evolution in Hangzhou Bay, China. International Journal of Sediment Research, 2013, 28, 316-328.	1.8	59
26	Local human activities overwhelm decreased sediment supply from the Changjiang River: Continued rapid accumulation in the Hangzhou Bay-Qiantang Estuary system. Marine Geology, 2017, 392, 66-77.	0.9	59
27	Turbidity maximum formation in a well-mixed macrotidal estuary: The role of tidal pumping. Journal of Geophysical Research: Oceans, 2014, 119, 7705-7724.	1.0	58
28	Shoal morphodynamics of the Changjiang (Yangtze) estuary: Influences from river damming, estuarine hydraulic engineering and reclamation projects. Marine Geology, 2017, 386, 32-43.	0.9	58
29	Tidal Inlet Equilibrium, in Relation to Cross-sectional Area and Sediment Transport Patterns. Estuarine, Coastal and Shelf Science, 1994, 38, 157-172.	0.9	56
30	Tidally-induced Flow Structure Over Intertidal Flats. Estuarine, Coastal and Shelf Science, 1998, 46, 233-250.	0.9	55
31	Environment-ecosystem dynamic processes of Spartina alterniflora salt-marshes along the eastern China coastlines. Science China Earth Sciences, 2014, 57, 2567-2586.	2.3	53
32	Modeling the preservation potential of tidal flat sedimentary records, Jiangsu coast, eastern China. Continental Shelf Research, 2009, 29, 1927-1936.	0.9	52
33	Modeling the growth limit of the Changjiang Delta. Geomorphology, 2007, 85, 225-236.	1.1	51
34	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.	0.9	50
35	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.	0.9	49
36	Modeling the formation of a sand bar within a large funnel-shaped, tide-dominated estuary: Qiantangjiang Estuary, China. Marine Geology, 2012, 299-302, 63-76.	0.9	47

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37	Facies architecture and depositional model of a macrotidal incised-valley succession (Qiantang River) Tj ETQq1 1 0.784314 rgBT /Overlo Society of America, 2014, 126, 499-522.	1.6	47
38	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.	0.9	45
39	Tide-induced suspended sediment transport: Depth-averaged concentrations and horizontal residual fluxes. Continental Shelf Research, 2012, 34, 53-63.	0.9	45
40	Efficient colonization and harpins mediated enhancement in growth and biocontrol of wilt disease in tomato by Bacillus subtilis. Letters in Applied Microbiology, 2013, 57, 526-533.	1.0	45
41	Sediment dynamic processes of the Yuehu inlet system, Shandong Peninsula, China. Estuarine, Coastal and Shelf Science, 2003, 57, 783-801.	0.9	41
42	Heavy metal accumulation reflecting natural sedimentary processes and anthropogenic activities in two contrasting coastal wetland ecosystems, eastern China. Journal of Soils and Sediments, 2016, 16, 1093-1108.	1.5	39
43	Dynamic land use and its policy in response to environmental and social-economic changes in China: A case study of the Jiangsu coast (1750â€“2015). Land Use Policy, 2019, 82, 169-180.	2.5	38
44	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.	0.9	37
45	Influence of Spartina Colonization on the Supply and Accumulation of Organic Carbon in Tidal Salt Marshes of Northern Jiangsu Province, China. Journal of Coastal Research, 2012, 280, 486-498.	0.1	37
46	Holocene shelf-coastal sedimentary systems associated with the Changjiang River: An overview. Acta Oceanologica Sinica, 2013, 32, 4-12.	0.4	37
47	Erosion and Accretion on a Mudflat: The Importance of Very Shallowâ€Water Effects. Journal of Geophysical Research: Oceans, 2017, 122, 9476-9499.	1.0	37
48	Reservoir-induced changes to fluvial fluxes and their downstream impacts on sedimentary processes: The Changjiang (Yangtze) River, China. Quaternary International, 2018, 493, 187-197.	0.7	37
49	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.	4.3	36
50	Resuspension and advection processes affecting suspended particulate matter concentrations in the central English Channel. Journal of Sea Research, 1997, 38, 17-34.	0.6	35
51	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.	1.0	35
52	Holocene sedimentary systems on a broad continental shelf with abundant river input: processâ€“product relationships. Geological Society Special Publication, 2016, 429, 223-259.	0.8	34
53	Sediment resuspension in tidally dominated coastal environments: new insights into the threshold for initial movement. Ocean Dynamics, 2016, 66, 401-417.	0.9	33
54	The variations of sediment transport patterns in the outer <scp>C</scp>hangjiang <scp>E</scp>stuary and <scp>H</scp>angzhou <scp>B</scp>ay over the last 30 years. Journal of Geophysical Research: Oceans, 2017, 122, 2999-3020.	1.0	33

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55	Morphodynamic modeling of a large inside sandbar and its dextral morphology in a convergent estuary: Qiantang Estuary, China. Journal of Geophysical Research F: Earth Surface, 2017, 122, 1553-1572.	1.0	32
56	Delineating suspended sediment concentration patterns in surface waters of the Changjiang Estuary by remote sensing analysis. Acta Oceanologica Sinica, 2010, 29, 38-47.	0.4	31
57	Environmental changes in Shamei Lagoon, Hainan Island, China: Interactions between natural processes and human activities. Journal of Asian Earth Sciences, 2012, 52, 158-168.	1.0	29
58	Investigating ENSO and WPWP modulated typhoon variability in the South China Sea during the midâ€“late Holocene using sedimentological evidence from southeastern Hainan Island, China. Marine Geology, 2019, 416, 105987.	0.9	29
59	Modeling flood dynamics along the superelevated channel belt of the Yellow River over the last 3000 years. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1321-1351.	1.0	28
60	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.	1.9	28
61	Morphodynamics of the Qiantang Estuary, China: Controls of river flood events and tidal bores. Marine Geology, 2018, 406, 27-33.	0.9	28
62	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.	1.0	27
63	Tide-induced vertical suspended sediment concentration profiles: phase lag and amplitude attenuation. Ocean Dynamics, 2011, 61, 403-410.	0.9	26
64	Revisiting the problem of sediment motion threshold. Continental Shelf Research, 2019, 187, 103960.	0.9	26
65	Methods to Improve Seed Yield of Leymus chinensis based on Nitrogen Application and Precipitation Analysis. Agronomy Journal, 2010, 102, 277-281.	0.9	25
66	Sediment and carbon accumulation in a small tidal basin: Yuehu, Shandong Peninsula, China. Regional Environmental Change, 2004, 4, 63-69.	1.4	24
67	Geomorphology and Sedimentology of Tidal Flats. , 2019, , 359-381.		24
68	Modification to the Hardisty Equation, Regarding the Relationship Between Sediment Transport Rate and Particle Size. Journal of Sedimentary Research, 2001, 71, 118-121.	0.8	23
69	Relationship between bed shear stress and suspended sediment concentration: annular flume experiments. International Journal of Sediment Research, 2011, 26, 513-523.	1.8	23
70	Modeling morphological change in anthropogenically controlled estuaries. Anthropocene, 2017, 17, 70-83.	1.6	23
71	The relationship between inundation duration and Spartina alterniflora growth along the Jiangsu coast, China. Estuarine, Coastal and Shelf Science, 2018, 213, 305-313.	0.9	23
72	Extreme floods of the Changjiang River over the past two millennia: Contributions of climate change and human activity. Marine Geology, 2021, 433, 106418.	0.9	23

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73	Modeling suspended sediment distribution in continental shelf upwelling/downwelling settings. Geo-Marine Letters, 2002, 22, 218-226.	0.5	22
74	Traditional coastal management practices and land use changes during the 16â€“20th centuries, Jiangsu Province, China. Ocean and Coastal Management, 2016, 124, 10-21.	2.0	21
75	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.	0.9	21
76	Metagenomic comparison of structure and function of microbial community between water, effluent and shrimp intestine of higher place Litopenaeus vannamei ponds. Journal of Applied Microbiology, 2020, 129, 243-255.	1.4	21
77	Net Sand Transport Direction in a Tidal Inlet, using Foraminiferal Tests as Natural Tracers. Estuarine, Coastal and Shelf Science, 1995, 40, 681-697.	0.9	20
78	Suspended particulate matter fluxes through the Straits of Dover, English Channel: observations and modelling. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2000, 23, 687-700.	0.7	20
79	Rapid formation of marsh-edge cliffs, Jiangsu coast, China. Marine Geology, 2017, 385, 260-273.	0.9	20
80	Differentiating the effects of advection and resuspension on suspended sediment concentrations in a turbid estuary. Marine Geology, 2018, 403, 179-190.	0.9	20
81	The macrobenthos in Spartina alterniflora salt marshes of the Wanggang tidal-flat, Jiangsu coast, China. Ecological Engineering, 2009, 35, 1158-1166.	1.6	19
82	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.	0.4	19
83	A numerical investigation of freshwater and sediment discharge variations of Poyang Lake catchment, China over the last 1000â€‰years. Holocene, 2015, 25, 1470-1482.	0.9	19
84	Multiâ€decadal morphoâ€sedimentary dynamics of the largest Changjiang estuarine marginal shoal: Causes and implications. Land Degradation and Development, 2019, 30, 2048-2063.	1.8	19
85	Sandâ€Mud Tidal Flat Morphodynamics Influenced by Alongshore Tidal Currents. Journal of Geophysical Research: Oceans, 2019, 124, 3818-3836.	1.0	19
86	Failure mechanism of transformer oil-immersed cellulosic insulation induced by sulfur corrosion. Cellulose, 2020, 27, 7157-7174.	2.4	19
87	Sediment dynamic responses of coastal salt marsh to typhoon â€œKAEMIâ€in Quanzhou Bay, Fujian Province, China. Science Bulletin, 2009, 54, 120-130.	1.7	18
88	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.	1.0	18
89	Saline water intrusion in relation to strong winds during winter cold outbreaks: North Branch of the Yangtze Estuary. Journal of Hydrology, 2019, 574, 1099-1109.	2.3	18
90	Tidal inlet stability in response to hydrodynamic and sediment dynamic conditions. Coastal Engineering, 1994, 23, 61-80.	1.7	17

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91	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.	0.5	17
92	Vertical Distributions of Suspended Sediment Concentrations in the Turbidity Maximum Zone of the Periodically and Partially Stratified Changjiang Estuary. Estuaries and Coasts, 2019, 42, 1475-1490.	1.0	17
93	Exploring records of typhoon variability in eastern China over the past 2000 years. Bulletin of the Geological Society of America, 2020, 132, 2243-2252.	1.6	17
94	Long-term effect of perfluorooctanoic acid on the anammox system based on metagenomics: Performance, sludge characteristic and microbial community dynamic. Bioresource Technology, 2022, 351, 127002.	4.8	17
95	Interpreting grain-size trends associated with bedload transport on the intertidal flats at Dafeng, central Jiangsu coast. Science Bulletin, 2006, 51, 341-351.	1.7	16
96	Scaling properties of estuarine beaches. Marine Geology, 2018, 404, 130-136.	0.9	16
97	Modelling the equilibrium hypsometry of back-barrier tidal flats in the German Wadden Sea (southern) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	15
98	Remarked morphological change in a large tidal inlet with low sediment-supply. Continental Shelf Research, 2014, 90, 79-95.	0.9	14
99	Gravity anomaly in the southern South China Sea: a connection of Moho depth to the nature of the sedimentary basins' crust. Geological Journal, 2016, 51, 244-262.	0.6	14
100	Coupling bedform roughness and sediment grain-size sorting in modelling of tidal inlet incision. Marine Geology, 2016, 381, 128-141.	0.9	14
101	Internal deformation of a muddy gravity flow and its interaction with the seafloor (site C0018 of) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	14
102	Extracting historic cyclone data from coastal dune deposits in eastern Hainan Island, China. Sedimentary Geology, 2019, 392, 105524.	1.0	14
103	Scale-dependent characteristics of equilibrium morphology of tidal basins along the Dutchâ€“German North Sea Coast. Marine Geology, 2014, 348, 63-72.	0.9	13
104	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.	3.9	13
105	Latitudinal Response of Storm Activity to Abrupt Climate Change During the Last 6,500ÂYears. Geophysical Research Letters, 2020, 47, e2020GL089859.	1.5	13
106	Effects of PFOA on the physicochemical properties of anaerobic granular sludge: Performance evaluation, microbial community and metagenomic analysis. Journal of Environmental Management, 2022, 313, 114936.	3.8	13
107	Modeling interrelationships between morphological evolution and grain-size trends in back-barrier tidal basins of the East Frisian Wadden Sea. Geo-Marine Letters, 2014, 34, 37-49.	0.5	12
108	Typhoon events recorded in coastal lagoon deposits, southeastern Hainan Island. Acta Oceanologica Sinica, 2017, 36, 37-45.	0.4	12

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109	An automated procedure to calculate the morphological parameters of superimposed rhythmic bedforms. Earth Surface Processes and Landforms, 2020, 45, 3496-3509.	1.2	12
110	Fluid mud dynamics in a tide-dominated estuary: A case study from the Yangtze River. Continental Shelf Research, 2022, 232, 104623.	0.9	12
111	Sedimentation rates in the Wanggang salt marshes, Jiangsu. Journal of Chinese Geography, 2005, 15, 199-209.	1.5	11
112	On estimation of coastal wave parameters and waveâ€induced shear stresses. Limnology and Oceanography: Methods, 2018, 16, 594-606.	1.0	11
113	Quantifying sediment storage on the floodplains outside levees along the lower Yellow River during the years 1580â€“1849. Earth Surface Processes and Landforms, 2019, 44, 581-594.	1.2	11
114	Settling velocity and drag coefficient of platy shell fragments. Sedimentology, 2020, 67, 2095-2110.	1.6	11
115	Spatial variation of suspended particulate matter in the Yellow Sea. Geo-Marine Letters, 2001, 20, 196-200.	0.5	10
116	Sediment transport in Yalu River estuary. Chinese Geographical Science, 2003, 13, 157-163.	1.2	10
117	Invasive Spartina alterniflora-induced factors affecting epibenthos distribution in coastal salt marsh, China. Acta Oceanologica Sinica, 2013, 32, 81-88.	0.4	10
118	ADCP measurements of suspended sediment flux at the entrance to Jiaozhou Bay, western Yellow Sea. Acta Oceanologica Sinica, 2013, 32, 96-103.	0.4	10
119	Classifying the sedimentary environments of the Xincun Lagoon, Hainan Island, by system cluster and principal component analyses. Acta Oceanologica Sinica, 2017, 36, 64-71.	0.4	10
120	Early Holocene tidal flat evolution in a western embayment of East China Sea, in response to sea level rise episodes. Quaternary Science Reviews, 2020, 250, 106642.	1.4	10
121	Estimating Deposition Rates Using a Morphological Proxy ofSpartina alternifloraPlants. Journal of Coastal Research, 2013, 292, 1452-1463.	0.1	9
122	Suspended sediment and total dissolved solid yield patterns at the headwaters of Urumqi River, northwestern China: a comparison between glacial and nonâ€glacial catchments. Hydrological Processes, 2014, 28, 5034-5047.	1.1	8
123	Sediment flux from the Zhoushan Archipelago, eastern China. Journal of Chinese Geography, 2018, 28, 387-399.	1.5	8
124	Salt and Wetland: Traditional Development Landscape, Land Use Changes and Environmental Adaptation on the Central Jiangsu Coast, China, 1450â€“1900. Wetlands, 2019, 39, 1089-1102.	0.7	8
125	Quantitative reconstruction of Holocene sediment sources contributing to the central Jiangsu coast, China: New insights into sourceâ€toâ€sink processes. Earth Surface Processes and Landforms, 2020, 45, 2463-2477.	1.2	8
126	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.	0.5	7

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127	Ecological functioning of free-living marine nematodes in coastal wetlands: an overview. Science Bulletin, 2014, 59, 4692-4704.	1.7	7
128	Modeling the effect of progressive grain-size sorting on the scale dependence of back-barrier tidal basin morphology. Continental Shelf Research, 2014, 91, 26-36.	0.9	7
129	Use of the Cone Penetration Testing (CPT) method to interpret late Quaternary tide-dominated successions: A case study from the eastern China coastal plain. Continental Shelf Research, 2018, 161, 49-57.	0.9	7
130	On the sediment age estimated by 210Pb dating: probably misleading â€œprolongingâ€•and multiple-factor-caused â€œlossâ€• Acta Oceanologica Sinica, 2018, 37, 30-39.	0.4	7
131	Flow structure modification and drag reduction induced by sediment stratification in coastal tidal bottom boundary layers. Estuarine, Coastal and Shelf Science, 2020, 241, 106829.	0.9	7
132	Wetland Utilization and Adaptation Practice of a Coastal Megacity: A Case Study of Chongming Island, Shanghai, China. Frontiers in Environmental Science, 2021, 9, .	1.5	7
133	Frequency and magnitude variability of Yalu River flooding: numerical analyses for the last 1000Âyears. Hydrology and Earth System Sciences, 2020, 24, 4743-4761.	1.9	7
134	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.	0.1	6
135	Environmental characteristics and land-use pattern changes of the Old Huanghe River delta, eastern China, in the sixteenth to twentieth centuries. Sustainability Science, 2016, 11, 695-709.	2.5	6
136	Modeling the dynamics of urban and ecological binary space for regional coordination: A case of Fuzhou coastal areas in Southeast China. Habitat International, 2018, 72, 48-56.	2.3	6
137	Effects of Meretrix meretrix on sediment thresholds of erosion and deposition on an intertidal flat. Ecohydrology and Hydrobiology, 2021, 21, 129-141.	1.0	6
138	Geomorphology and sediment dynamics of the Liyashan oyster reefs, Jiangsu Coast, China. Acta Oceanologica Sinica, 2021, 40, 118-128.	0.4	6
139	Identification, extraction and interpretation of multi-period variations of coastal suspended sediment concentration based on unevenly spaced observations. Marine Geology, 2022, 445, 106732.	0.9	6
140	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age. Nature Communications, 2022, 13, 1712.	5.8	6
141	Process-based modeling of morphodynamics of a tidal inlet system. Acta Oceanologica Sinica, 2010, 29, 51-61.	0.4	5
142	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.	0.5	5
143	Reconstructing environmental changes of a coastal lagoon with coral reefs in southeastern Hainan Island. Chinese Geographical Science, 2017, 27, 402-414.	1.2	5
144	Meiofauna and nematode community characteristics indicate ecological changes induced by geomorphic evolution: A case study on tidal creek systems. Ecological Indicators, 2018, 87, 97-106.	2.6	5

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145	Sedimentary zonation shift of tidal flats in a meso-tidal estuary. Sedimentary Geology, 2020, 407, 105749.	1.0	5
146	Coastal engineering evolution in low-lying areas and adaptation practice since the eleventh century, Jiangsu Province, China. Climatic Change, 2020, 162, 799-817.	1.7	5
147	Variations of wave parameter statistics as influenced by water depth in coastal and inner shelf areas. Coastal Engineering, 2020, 159, 103714.	1.7	5
148	A late Holocene shift of typhoon activity recorded by coastal sedimentary archives in eastern China. Sedimentology, 2022, 69, 954-969.	1.6	5
149	Longitudinal residual circulation in the South Passage of Yangtze Estuary: Combined influences from runoff, tide and bathymetry. Science China Earth Sciences, 2021, 64, 2129-2143.	2.3	5
150	Recyclable NiO/sepiolite as adsorbent to remove organic dye and its regeneration. Scientific Reports, 2022, 12, 2895.	1.6	5
151	Gravity-driven sediment flows on the shallow sea floor of a muddy open coast. Marine Geology, 2022, 445, 106759.	0.9	5
152	The Formation of Coastal Turbidity Maximum by Tidal Pumping in Wellâ€Mixed Inner Shelves. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	5
153	Spatio-temporal characteristics of residential land growth in Hefei of Anhui Province, China. Chinese Geographical Science, 2007, 17, 135-142.	1.2	3
154	Spatial variations of tidal water level and their impact on the exposure patterns of tidal land on the central Jiangsu coast. Acta Oceanologica Sinica, 2010, 29, 79-87.	0.4	3
155	Morphodynamics of a tidal ridge system in the southwestern Yellow Sea: HF radar study. Estuarine, Coastal and Shelf Science, 2018, 206, 27-37.	0.9	3
156	Centralization and decentralization: Coastal management pattern changes since the late 19th century, Jiangsu Province, China. Marine Policy, 2019, 109, 103705.	1.5	3
157	Threshold sediment flux for the formation of river deltas in Hainan Island, southern China. Journal of Chinese Geography, 2019, 29, 146-160.	1.5	3
158	Morphological evolution of river mouth spits: Wave effects and self-organization patterns. Estuarine, Coastal and Shelf Science, 2021, 262, 107567.	0.9	3
159	A sedimentological approach to P-A relationships for tidal inlet systems: an example from Yuehu Inlet, Shandong Peninsula, China. Frontiers of Earth Science, 2008, 2, 262-268.	0.5	2
160	Catchmentâ€“Coast Interactions in the Asia-Pacific Region. , 2006, , 67-92.		2
161	Tracking historical storm records from high-barrier lagoon deposits on the southeastern coast of Hainan Island, China. Acta Oceanologica Sinica, 2021, 40, 162-175.	0.4	2
162	Evidence for a second deflected prodelta of the Yellow River: Insights into a complex pattern of delta asymmetry. Marine and Petroleum Geology, 2022, 143, 105815.	1.5	2

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163	Extraction of morphometric bedform characteristics from profiling sonar datasets recorded in shallow coastal waters of China. China Ocean Engineering, 2012, 26, 469-482.	0.6	1
164	Geometric modeling of Holocene large-river delta growth patterns, as constrained by environmental settings. Science China Earth Sciences, 2021, 64, 318-328.	2.3	1
165	An eco-parametric method to derive sedimentation rates for coastal saltmarshes. Science of the Total Environment, 2021, 770, 144756.	3.9	1
166	Paleo-Typhoon Events as Indicated by Coral Reef Boulder Deposits on the Southern Coast of Hainan Island, China. Frontiers in Marine Science, 2021, 8, .	1.2	1
167	Changes in Organic Carbon Delivery to the Yangtze River Delta Over the Last 2000 Years. Frontiers in Marine Science, 2022, 9, .	1.2	1
168	Spatial variability and representation of seabed sediment grain sizes: An example from the Zhoushan-Jinshanwei transect, Hangzhou Bay, China. Science Bulletin, 2004, 49, 2503-2507.	1.7	0
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