

Jiaxue Wu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

469
citations

840776

11
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	Sediment trapping of turbidity maxima in the Changjiang Estuary. <i>Marine Geology</i> , 2012, 303-306, 14-25.	2.1	94
2	Tripod measured residual currents and sediment flux: Impacts on the silting of the Deepwater Navigation Channel in the Changjiang Estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 93, 192-201.	2.1	76
3	Physical dynamics structures and oxygen budget of summer hypoxia in the Pearl River Estuary. <i>Limnology and Oceanography</i> , 2019, 64, 131-148.	3.1	40
4	Bedforms and bed material transport pathways in the Changjiang (Yangtze) Estuary. <i>Geomorphology</i> , 2009, 104, 175-184.	2.6	34
5	Sea surface cooling in the Northern South China Sea observed using Chinese sea-wing underwater glider measurements. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 111-118.	1.4	32
6	Sediment trapping by haloclines of a river plume in the Pearl River Estuary. <i>Continental Shelf Research</i> , 2014, 82, 1-8.	1.8	29
7	Upper vertical structures and mixed layer depth in the shelf of the northern South China Sea. <i>Continental Shelf Research</i> , 2019, 174, 26-34.	1.8	17
8	Contrasts between estuarine and river systems in near-bed turbulent flows in the Zhujiang (Pearl) River Estuary. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1-14.	2.1	14
9	Mechanisms of the disappearance of sea surface temperature fronts in the subtropical North Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4389-4398.	2.6	14
10	Features of Slope Intrusion Mesoscale Eddies in the Northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015349.	2.6	13
11	Importance of salinity-induced stratification on flocculation in tidal estuaries. <i>Journal of Hydrology</i> , 2021, 596, 126063.	5.4	13
12	Cyclonic Spirals in Tidally Accelerating Bottom Boundary Layers in the Zhujiang (Pearl River) Estuary. <i>Journal of Physical Oceanography</i> , 2011, 41, 1209-1226.	1.7	11
13	Spatial distribution and influencing mechanism of CO ₂ , N ₂ O and CH ₄ in the Pearl River Estuary in summer. <i>Science of the Total Environment</i> , 2022, 846, 157381.	8.0	11
14	Trapping and escaping processes of Yangtze River-derived sediments to the East China Sea. <i>Geological Society Special Publication</i> , 2016, 429, 153-169.	1.3	10
15	Near-bed sediment transport in a heavily modified coastal plain estuary. <i>International Journal of Sediment Research</i> , 2014, 29, 232-245.	3.5	7
16	Sediment Suspension by Straining-Induced Convection at the Head of Salinity Intrusion. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 656-671.	2.6	7
17	Estuarine morphology and depositional processes in front of lateral river-dominated outlets in a tide-dominated estuary: A case study of the Lingding Bay, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2020, 196, 104382.	2.3	7
18	Tracing human footprint and the fate of atmospheric polycyclic aromatic hydrocarbons over the Pearl River Estuary, China: Importance of particle size. <i>Science of the Total Environment</i> , 2021, 767, 144267.	8.0	6

#	ARTICLE	IF	CITATIONS
19	Attribution of the seasonality of atmospheric heating changes over the western tropical Pacific with a focus on the spring season. <i>Climate Dynamics</i> , 2022, 58, 2575-2592.	3.8	6
20	Characteristics of the surface mixed layer depths in the northern South China Sea in spring. <i>Journal of Oceanography</i> , 2016, 72, 567-576.	1.7	5
21	Variations of mesoscale eddy SST fronts based on an automatic detection method in the northern South China Sea. <i>Acta Oceanologica Sinica</i> , 2020, 39, 82-90.	1.0	5
22	Estimation of bed shear stresses in the pearl river estuary. <i>China Ocean Engineering</i> , 2015, 29, 133-142.	1.6	4
23	Salinity Mixing and Dihaline Exchange Flow in a Large Multi-Outlet Estuary with Islands. <i>Journal of Physical Oceanography</i> , 2022, 52, 2111-2127.	1.7	4
24	Observational evidence for turbulent effects on total suspended matter within the Pearl River plume. <i>Continental Shelf Research</i> , 2017, 151, 15-22.	1.8	3
25	River Plume Rooted on the Sea-Floor: Seasonal and Spring-Neap Variability of the Pearl River Plume Front. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
26	Determining Topographically Controlled Flows through a Combined Contraction and Hollow in the Pearl River Estuary, China. <i>Journal of Coastal Research</i> , 2017, 33, 764-774.	0.3	2
27	Enhanced mixing by patchy turbulence in the northern South China Sea. <i>Continental Shelf Research</i> , 2018, 166, 34-43.	1.8	2
28	On the phase lag of turbulent dissipation in rotating tidal flows. <i>Continental Shelf Research</i> , 2018, 156, 23-32.	1.8	0