Feng Liu

List of Publications by Year
in descending order

34 papers	731 citations	516710 16 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	567 citing authors

#	Article	IF	Citations
1	Effects of Shear Stress and Salinity Stratification on Floc Size Distribution During the Dry Season in the Modaomen Estuary of the Pearl River. Frontiers in Marine Science, 2022, 9, .	2.5	2
2	Seasonal dynamics of polycyclic aromatic hydrocarbons between water and sediment in a tide-dominated estuary and ecological risks for estuary management. Marine Pollution Bulletin, 2021, 162, 111831.	5.0	14
3	Morphological consequences of upstream water and sediment changes and estuarine engineering activities in Pearl River Estuary channels over the last 50 years. Science of the Total Environment, 2021, 765, 144172.	8.0	16
4	The Effect of Various Stoichiometric Strontium Aluminates on the High-Temperature Tribological Properties of NiCr-Al2O3 Composites. Journal of Materials Engineering and Performance, 2021, 30, 2193-2203.	2.5	3
5	Tribological Properties of In Situ Fabricated Fe-Al Matrix Composites Containing SrAl₂O₄, FeAl₂O₄, and FeO at Elevated Temperatures. Tribology Transactions, 2021, 64, 593-605.	2.0	2
6	Stepwise alterations in tidal hydrodynamics in a highly human-modified estuary: The roles of channel deepening and narrowing. Journal of Hydrology, 2021, 597, 126153.	5.4	7
7	High-Temperature Tribological Performance of Vacuum Hot-Pressed NiCr Matrix Composite Containing SrAl12O19. Journal of Materials Engineering and Performance, 2020, 29, 470-479.	2.5	9
8	Tribological Properties of In Situ-Fabricated NiCr-Al2O3 Composites with SrAl4O7 and SrO at Elevated Temperatures. Journal of Materials Engineering and Performance, 2020, 29, 6670-6680.	2.5	4
9	Seasonal changes in river-tide dynamics in a highly human-modified estuary: Modaomen Estuary case study. Marine Geology, 2020, 427, 106273.	2.1	10
10	Tidal regime shift in Lingdingyang Bay, the Pearl River Delta: An identification and assessment of driving factors. Hydrological Processes, 2020, 34, 2878-2894.	2.6	8
11	A novel approach for the assessment of morphological evolution based on observed water levels in tide-dominated estuaries. Hydrology and Earth System Sciences, 2020, 24, 1871-1889.	4.9	7
12	Distribution of magnetic properties of surface sediment and its implications on sediment provenance and transport in Pearl River Estuary. Marine Geology, 2020, 424, 106162.	2.1	10
13	Recent morphological changes of the mouth bar in the Modaomen Estuary of the Pearl River Delta: Causes and environmental implications. Ocean and Coastal Management, 2019, 181, 104896.	4.4	16
14	Distribution of grain size and organic elemental composition of the surficial sediments in Lingding Bay in the Pearl River Delta, China: A record of recent human activity. Ocean and Coastal Management, 2019, 178, 104849.	4.4	17
15	Impacts of Three Gorges Dam's operation on spatialâ€“temporal patterns of tideâ€“river dynamics in the Yangtze River estuary, China. Ocean Science, 2019, 15, 583-599.	3.4	12
16	Morphological response of Lingding Bay in the Pearl River Estuary to human intervention in recent decades. Ocean and Coastal Management, 2019, 176, 1-10.	4.4	30
17	Stepwise adjustment of deltaic channels in response to human interventions and its hydrological implications for sustainable water managements in the Pearl River Delta, China. Journal of Hydrology, 2019, 573, 194-206.	5.4	34
18	Quantifying the impacts of human interventions on relative mean sea level change in the Pearl River Delta, China. Ocean and Coastal Management, 2019, 173, 52-64.	4.4	22

#	Article	IF	Citations
19	Analysing the influences of ENSO and PDO on water discharge from the Yangtze River into the sea. Hydrological Processes, 2018, 32, 1090-1103.	2.6	19
20	Impacts of estuarine mixing on vertical dispersion of polycyclic aromatic hydrocarbons (PAHs) in a tide-dominated estuary. Marine Pollution Bulletin, 2018, 131, 276-283.	5.0	12
21	Impact of River-Tide Dynamics on the Temporal-Spatial Distribution of Residual Water Level in the Pearl River Channel Networks. Estuaries and Coasts, 2018, 41, 1885-1903.	2.2	30
22	Recent changes in the sediment regime of the Pearl River (South China): Causes and implications for the Pearl River Delta. Hydrological Processes, 2018, 32, 1771-1785.	2.6	34
23	Decadal variability of tidal dynamics in the Pearl River Delta: Spatial patterns, causes, and implications for estuarine water management. Hydrological Processes, 2018, 32, 3805-3819.	2.6	14
24	Joint Dependence Between River Water Temperature, Air Temperature, and Discharge in the Yangtze River: The Role of the Three Gorges Dam. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,938.	3.3	22
25	Quantifying the impact of the Three Gorges Dam on the thermal dynamics of the Yangtze River. Environmental Research Letters, 2018, 13, 054016.	5.2	61
26	Using the wavelet transform to detect temporal variations in hydrological processes in the Pearl River, China. Quaternary International, 2017, 440, 52-63.	1.5	26
27	Seasonal changes of polycyclic aromatic hydrocarbons in response to hydrology and anthropogenic activities in the Pearl River estuary, China. Marine Pollution Bulletin, 2017, 117, 255-263.	5.0	32
28	Impacts of ENSO on multi-scale variations in sediment discharge from the Pearl River to the South China Sea. Geomorphology, 2017, 293, 24-36.	2.6	36
29	Transformation of the Three Largest Chinese River Deltas in Response to the Reduction of Sediment Discharges. Journal of Coastal Research, 2016, 322, 1402-1416.	0.3	13
30	Temporal and spatial variability of sediment flux into the sea from the three largest rivers in China. Journal of Asian Earth Sciences, 2014, 87, 102-115.	2.3	43
31	Distribution and transportation of polycyclic aromatic hydrocarbons (PAHs) at the Humen river mouth in the Pearl River delta and their influencing factors. Marine Pollution Bulletin, 2014, 84, 401-410.	5.0	36
32	Hydrological responses to the combined influence of diverse human activities in the Pearl River delta, China. Catena, 2014, 113, 41-55.	5.0	80
33	Temporal variations of water discharge and sediment load of Huanghe River, China. Chinese Geographical Science, 2012, 22, 507-521.	3.0	21
34	Temporal variability of water discharge and sediment load of the Yellow River into the sea during 1950â€“2008. Journal of Chinese Geography, 2011, 21, 1047-1061.	3.9	29