

# Feng Liu

## List of Publications by Year in descending order

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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	Hydrological responses to the combined influence of diverse human activities in the Pearl River delta, China. <i>Catena</i> , 2014, 113, 41-55.	5.0	80
2	Quantifying the impact of the Three Gorges Dam on the thermal dynamics of the Yangtze River. <i>Environmental Research Letters</i> , 2018, 13, 054016.	5.2	61
3	Temporal and spatial variability of sediment flux into the sea from the three largest rivers in China. <i>Journal of Asian Earth Sciences</i> , 2014, 87, 102-115.	2.3	43
4	Distribution and transportation of polycyclic aromatic hydrocarbons (PAHs) at the Humen river mouth in the Pearl River delta and their influencing factors. <i>Marine Pollution Bulletin</i> , 2014, 84, 401-410.	5.0	36
5	Impacts of ENSO on multi-scale variations in sediment discharge from the Pearl River to the South China Sea. <i>Geomorphology</i> , 2017, 293, 24-36.	2.6	36
6	Recent changes in the sediment regime of the Pearl River (South China): Causes and implications for the Pearl River Delta. <i>Hydrological Processes</i> , 2018, 32, 1771-1785.	2.6	34
7	Stepwise adjustment of deltaic channels in response to human interventions and its hydrological implications for sustainable water managements in the Pearl River Delta, China. <i>Journal of Hydrology</i> , 2019, 573, 194-206.	5.4	34
8	Seasonal changes of polycyclic aromatic hydrocarbons in response to hydrology and anthropogenic activities in the Pearl River estuary, China. <i>Marine Pollution Bulletin</i> , 2017, 117, 255-263.	5.0	32
9	Impact of River-Tide Dynamics on the Temporal-Spatial Distribution of Residual Water Level in the Pearl River Channel Networks. <i>Estuaries and Coasts</i> , 2018, 41, 1885-1903.	2.2	30
10	Morphological response of Lingding Bay in the Pearl River Estuary to human intervention in recent decades. <i>Ocean and Coastal Management</i> , 2019, 176, 1-10.	4.4	30
11	Temporal variability of water discharge and sediment load of the Yellow River into the sea during 1950-2008. <i>Journal of Chinese Geography</i> , 2011, 21, 1047-1061.	3.9	29
12	Using the wavelet transform to detect temporal variations in hydrological processes in the Pearl River, China. <i>Quaternary International</i> , 2017, 440, 52-63.	1.5	26
13	Joint Dependence Between River Water Temperature, Air Temperature, and Discharge in the Yangtze River: The Role of the Three Gorges Dam. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,938.	3.3	22
14	Quantifying the impacts of human interventions on relative mean sea level change in the Pearl River Delta, China. <i>Ocean and Coastal Management</i> , 2019, 173, 52-64.	4.4	22
15	Temporal variations of water discharge and sediment load of Huanghe River, China. <i>Chinese Geographical Science</i> , 2012, 22, 507-521.	3.0	21
16	Analysing the influences of ENSO and PDO on water discharge from the Yangtze River into the sea. <i>Hydrological Processes</i> , 2018, 32, 1090-1103.	2.6	19
17	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. <i>Ocean and Coastal Management</i> , 2019, 178, 104849.	4.4	17
18	Recent morphological changes of the mouth bar in the Modaomen Estuary of the Pearl River Delta: Causes and environmental implications. <i>Ocean and Coastal Management</i> , 2019, 181, 104896.	4.4	16

#	ARTICLE	IF	CITATIONS
19	Morphological consequences of upstream water and sediment changes and estuarine engineering activities in Pearl River Estuary channels over the last 50 years. <i>Science of the Total Environment</i> , 2021, 765, 144172.	8.0	16
20	Decadal variability of tidal dynamics in the Pearl River Delta: Spatial patterns, causes, and implications for estuarine water management. <i>Hydrological Processes</i> , 2018, 32, 3805-3819.	2.6	14
21	Seasonal dynamics of polycyclic aromatic hydrocarbons between water and sediment in a tide-dominated estuary and ecological risks for estuary management. <i>Marine Pollution Bulletin</i> , 2021, 162, 111831.	5.0	14
22	Transformation of the Three Largest Chinese River Deltas in Response to the Reduction of Sediment Discharges. <i>Journal of Coastal Research</i> , 2016, 322, 1402-1416.	0.3	13
23	Impacts of estuarine mixing on vertical dispersion of polycyclic aromatic hydrocarbons (PAHs) in a tide-dominated estuary. <i>Marine Pollution Bulletin</i> , 2018, 131, 276-283.	5.0	12
24	Impacts of Three Gorges Dam's operation on spatial-temporal patterns of tide-river dynamics in the Yangtze River estuary, China. <i>Ocean Science</i> , 2019, 15, 583-599.	3.4	12
25	Seasonal changes in river-tide dynamics in a highly human-modified estuary: Modaomen Estuary case study. <i>Marine Geology</i> , 2020, 427, 106273.	2.1	10
26	Distribution of magnetic properties of surface sediment and its implications on sediment provenance and transport in Pearl River Estuary. <i>Marine Geology</i> , 2020, 424, 106162.	2.1	10
27	High-Temperature Tribological Performance of Vacuum Hot-Pressed NiCr Matrix Composite Containing SrAl <sub>12</sub> O <sub>19</sub> . <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 470-479.	2.5	9
28	Tidal regime shift in Lingdingyang Bay, the Pearl River Delta: An identification and assessment of driving factors. <i>Hydrological Processes</i> , 2020, 34, 2878-2894.	2.6	8
29	A novel approach for the assessment of morphological evolution based on observed water levels in tide-dominated estuaries. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1871-1889.	4.9	7
30	Stepwise alterations in tidal hydrodynamics in a highly human-modified estuary: The roles of channel deepening and narrowing. <i>Journal of Hydrology</i> , 2021, 597, 126153.	5.4	7
31	Tribological Properties of In Situ-Fabricated NiCr-Al <sub>2</sub> O <sub>3</sub> Composites with SrAl <sub>4</sub> O <sub>7</sub> and SrO at Elevated Temperatures. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 6670-6680.	2.5	4
32	The Effect of Various Stoichiometric Strontium Aluminates on the High-Temperature Tribological Properties of NiCr-Al <sub>2</sub> O <sub>3</sub> Composites. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2193-2203.	2.5	3
33	Tribological Properties of In Situ Fabricated Fe-Al Matrix Composites Containing SrAl <sub>2</sub> O <sub>4</sub> , FeAl <sub>2</sub> O <sub>4</sub> , and FeO at Elevated Temperatures. <i>Tribology Transactions</i> , 2021, 64, 593-605.	2.0	2
34	Effects of Shear Stress and Salinity Stratification on Floc Size Distribution During the Dry Season in the Modaomen Estuary of the Pearl River. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2