

# Zhigang Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/835601/publications.pdf>

Version: 2024-02-01

18  
papers

306  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	River-derived sediment suspension and transport in the Bohai, Yellow, and East China Seas: A preliminary modeling study. <i>Continental Shelf Research</i> , 2015, 111, 112-125.	1.8	66
2	Surface settlement prediction for EPB shield tunneling in sandy ground. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 2908-2918.	1.9	38
3	M2 tidal dynamics in Bohai and Yellow Seas: a hybrid data assimilative modeling study. <i>Ocean Dynamics</i> , 2012, 62, 753-769.	2.2	25
4	A modeling study of the characteristics and mechanism of the westward coastal current during summer in the northwestern South China Sea. <i>Ocean Science Journal</i> , 2017, 52, 11-30.	1.3	22
5	Seasonal and intra-seasonal variations of suspended-sediment distribution in the Yellow Sea. <i>Continental Shelf Research</i> , 2017, 148, 116-129.	1.8	22
6	Vertical structure and seasonal variation of tidal and residual currents in the northern Huanghai Sea. <i>Acta Oceanologica Sinica</i> , 2011, 30, 14-22.	1.0	19
7	Variation in the Current Shear Front and Its Potential Effect on Sediment Transport Over the Inner Shelf of the East China Sea in Winter. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8264-8283.	2.6	18
8	Time Series Prediction of Microseismic Multi-parameter Related to Rockburst Based on Deep Learning. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 6299-6321.	5.4	18
9	Flux and its seasonal variation of suspended particulate matter in the Bohai Sea, Yellow Sea and East China Sea. <i>Geological Journal</i> , 2016, 51, 22-34.	1.3	16
10	A spectral mixture model analysis of the Kuroshio variability and the water exchange between the Kuroshio and the East China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 446-459.	0.7	14
11	Anti-phase relationship between the East Asian winter monsoon and summer monsoon during the Holocene?. <i>Journal of Ocean University of China</i> , 2017, 16, 175-183.	1.2	14
12	Liner Behavior of a Tunnel Constructed Below a Caved Zone. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 4163-4172.	1.9	12
13	Climate projections of spatial variations in coastal storm surges along the Gulf of Mexico and U.S. east coast. <i>Journal of Ocean University of China</i> , 2017, 16, 1-7.	1.2	7
14	Distribution Patterns of Major and Trace Elements and Provenance of Surface Sediments on the Continental Shelf off Western Guangdong Province and Northeastern Hainan Island. <i>Journal of Ocean University of China</i> , 2019, 18, 849-858.	1.2	5
15	Statistical downscaling of IPCC sea surface wind and wind energy predictions for U.S. east coastal ocean, Gulf of Mexico and Caribbean Sea. <i>Journal of Ocean University of China</i> , 2016, 15, 577-582.	1.2	4
16	Linking Monsoon Activity with River-Derived Sediments Deposition in the Northern South China Sea. <i>Journal of Ocean University of China</i> , 2019, 18, 1098-1104.	1.2	4
17	Unusual Cross-Shelf Transport Driven by the Changes of Wind Pattern in a Marginal Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017526.	2.6	2
18	Device characteristics of amorphous ZnSnLiO thin film transistors with various channel layer thicknesses. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	0