

# Minxi Zhang

## List of Publications by Year in descending order

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21  
papers

194  
citations

1307594

7  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride salt sorption flux of cohesive sediment beds with different degrees of fluidization in quiescent water. <i>Applied Ocean Research</i> , 2022, 118, 102933.	4.1	1
2	Measurement of salinity in slurry based on modified electrical conductivity method. <i>Measurement Science and Technology</i> , 2021, 32, 075801.	2.6	5
3	Enhancing the Erodibility of Cohesive Sediments by Applying Mechanical Vibrations. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2021, 147, .	1.2	3
4	A self-penetration torpedo anchor with vibrational shearing. <i>Ocean Engineering</i> , 2021, 236, 109315.	4.3	7
5	Application of Sediment Fluidization by High Frequent Mechanical Vibrations into Slurry Transport. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2021, , 105-115.	0.4	1
6	Experimental Study on Hydraulic Conductivity and Resistance in Silty Sediments. <i>Water (Switzerland)</i> , 2021, 13, 75.	2.7	1
7	Scouring by submerged steady water jet vertically impinging on a cohesive bed. <i>Ocean Engineering</i> , 2020, 196, 106781.	4.3	21
8	Depth-Averaged von Kármán Coefficient in Sediment-Laden Flows Using a Turbulent Kinetic Energy Balance. <i>Journal of Hydraulic Engineering</i> , 2020, 146, 06020003.	1.5	0
9	Local Scour of Bridge Pier Sited on a Multi-Layered Sedimentary Bed in Rivers. <i>E3S Web of Conferences</i> , 2020, 144, 01008.	0.5	0
10	Laboratory Flume Experiments on Cohesive Sediment Erosion by Oscillating Wall Jet. <i>Journal of Coastal Research</i> , 2020, 37, .	0.3	1
11	Assessment on Water Environmental Capacity of Coastal Lowlands Networked with Rivers and Lakes in the Northern Region of Jiaying, China. <i>Journal of Coastal Research</i> , 2020, 36, .	0.3	1
12	Flume Experiments on the Oscillating Wall Jet Induced by the Swing Oblique Impingement Jet. <i>Journal of Physics: Conference Series</i> , 2019, 1300, 012020.	0.4	2
13	Vertical Pullout Behaviour of a Torpedo Anchor Vertically in Stiff-Over-Soft Cohesive Soil Bed. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 300, 022139.	0.3	2
14	Local Scour on Noncohesive Beds by a Submerged Horizontal Circular Wall Jet. <i>Journal of Hydraulic Engineering</i> , 2019, 145, 06019012.	1.5	10
15	Experimental Study on the Angle of Repose of Submerged Cohesive Sediments. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2019, 145, .	1.2	12
16	Flow Resistance in Dredged Soil under a Vacuum Preloading System with Vertical Drainage Boards. <i>Journal of Coastal Research</i> , 2019, 36, 327.	0.3	3
17	Case Study on Water Quality Improvement in Xihu Lake through Diversion and Water Distribution. <i>Water (Switzerland)</i> , 2018, 10, 333.	2.7	18
18	Erodibility of fluidized cohesive sediments in unidirectional open flows. <i>Ocean Engineering</i> , 2017, 130, 523-530.	4.3	31

#	ARTICLE	IF	CITATIONS
19	Critical conditions of incipient motion of cohesive sediments. Water Resources Research, 2017, 53, 7798-7815.	4.2	47
20	Permeability of muddy clay and settlement simulation. Ocean Engineering, 2015, 104, 521-529.	4.3	28
21	Counter-toppling force on the composite pile with injected grout for a precast spur dike. Marine Georesources and Geotechnology, 0, , 1-13.	2.1	0