

# Bin Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1082913/publications.pdf>

Version: 2024-02-01

8  
papers

130  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability analysis of submarine slope considering the spatial variability of the sediment strength using random fields. <i>Applied Ocean Research</i> , 2019, 86, 340-350.	4.1	30
2	Efficient reliability analysis of slopes integrating the random field method and a Gaussian process regression-based surrogate model. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2021, 45, 478-501.	3.3	28
3	An intelligent response surface method for analyzing slope reliability based on Gaussian process regression. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2019, 43, 2431-2448.	3.3	25
4	Probability analysis of submarine landslides based on the Response Surface Method: A case study from the South China Sea. <i>Applied Ocean Research</i> , 2018, 78, 167-179.	4.1	14
5	Probabilistic evaluation of the seismic stability of infinite submarine slopes integrating the enhanced Newmark method and random field. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 2025-2043.	3.5	13
6	A 3-D numerical study of the random wave-induced response in a spatially heterogenous seabed. <i>Computers and Geotechnics</i> , 2021, 135, 104159.	4.7	8
7	Magnetostrictive strain monitoring of cement-based magnetoelectric composites in a variable magnetic field by fiber Bragg grating. <i>Construction and Building Materials</i> , 2017, 149, 904-910.	7.2	6
8	Probabilistic analysis of wave-induced dynamic response in a poroelastic sloping seabed using random finite element method. <i>Ocean Engineering</i> , 2022, 252, 111231.	4.3	6