

Bin Zhu

List of Publications by Year in descending order

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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	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
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	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
4	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
5	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
6	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
7	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
8	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