Ye Jianhong

List of Publications by Year
in descending order

39 papers	**1,008** citations	471477 **17** h-index	434170 **31** g-index
39 all docs	**39** docs citations	**39** times ranked	**458** citing authors

#	Article	IF	Citations
1	Seismic dynamics of a pipeline shallowly buried in loosely deposited seabed foundation. Ocean Engineering, 2022, 243, 110194.	4.3	6
2	Numerical Analysis of Dynamics of Jack-Up Offshore Platform and Its Seabed Foundation under Ocean Wave. Applied Sciences (Switzerland), 2022, 12, 3299.	2.5	2
3	Elastoplastic analytical solution of circular ring expansion problem for bi-modulus material based on SMP yield criterion. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	3.5	3
4	Flow Characteristics in a 3D-Printed Rough Fracture. Rock Mechanics and Rock Engineering, 2022, 55, 4329-4349.	5.4	9
5	Numerical study on the hydrodynamic performance of a revetment breakwater in the South China Sea: A case study. Ocean Engineering, 2022, 256, 111497.	4.3	2
6	Model Test Study of Offshore Wind Turbine Foundation under the Combined Action of Wind Wave and Current. Applied Sciences (Switzerland), 2022, 12, 5197.	2.5	2
7	Creep characteristics of calcareous coral sand in the South China Sea. Acta Geotechnica, 2022, 17, 5133-5155.	5.7	15
8	Subsidence prediction of a rubble mound breakwater at Yantai port: A application of FSSI-CAS 2D. Ocean Engineering, 2021, 219, 108349.	4.3	10
9	Physical modelling of the stability of a revetment breakwater built on reclaimed coral calcareous sand foundation in the South China sea—random waves and dense foundation. Ocean Engineering, 2021, 219, 108384.	4.3	12
10	Numerical Modelling of the Creep Subsidence of an Ocean Lighthouse Constructed on a Reclaimed Coral Reef Island. KSCE Journal of Civil Engineering, 2021, 25, 1191-1203.	1.9	2
11	Physical modeling of the dynamics of a revetment breakwater built on reclaimed coral calcareous sand foundation in the South China Sea—tsunami wave. Bulletin of Engineering Geology and the Environment, 2021, 80, 3315-3330.	3.5	15
12	Physical Modeling of the Stability of a Revetment Breakwater Built on Reclaimed Coral Calcareous Sand Foundation in the South China Sea—Regular Wave. Applied Sciences (Switzerland), 2021, 11, 2325.	2.5	3
13	Dynamics of a pipeline buried in loosely deposited seabed to nonlinear wave <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mo>&</mml:mo></mml:mrow></mml:math> current. Ocean Engineering, 2021, 232, 109127.	4.3	14
14	ABAQUS—OlaFlow integrated numerical model for fluid—seabed—structure interaction. Marine Structures, 2021, 78, 103016.	3.8	9
15	Numerical modelling of the wave interaction with revetment breakwater built on reclaimed coral reef islands in the South China Sea—Experimental verification. Ocean Engineering, 2021, 235, 109325.	4.3	14
16	Long-Term Stability and Deformation Behaviour of Anhydrite Mine-Out for Crude Oil Storage. Rock Mechanics and Rock Engineering, 2020, 53, 1719-1735.	5.4	7
17	Prediction of the long-term settlement of the structures built on a reclaimed coral reef island: an aircraft runway. Bulletin of Engineering Geology and the Environment, 2020, 79, 4549-4564.	3.5	20
18	Statistics-based method for determination of drag coefficient for nonlinear porous flow in calcareous sand soil. Bulletin of Engineering Geology and the Environment, 2019, 78, 3663-3670.	3.5	20

#	Article	IF	Citations
19	Seismic Dynamics of Pipeline Buried in Dense Seabed Foundation. Journal of Marine Science and Engineering, 2019, 7, 190.	2.6	7
20	Three-Dimensional Numerical Simulation of Geothermal Field of Buried Pipe Group Coupled with Heat and Permeable Groundwater. Energies, 2019, 12, 3698.	3.1	12
21	Nonlinear standing wave-induced liquefaction in loosely deposited seabed. Bulletin of Engineering Geology and the Environment, 2018, 77, 205-223.	3.5	23
22	Stability analysis of a composite breakwater at Yantai port, China: An application of FSSI-CAS-2D. Ocean Engineering, 2018, 168, 95-107.	4.3	19
23	Wave & current-induced progressive liquefaction in loosely deposited seabed. Ocean Engineering, 2017, 142, 303-314.	4.3	32
24	3D integrated numerical model for Fluid-Structures-Seabed Interaction (FSSI): Loosely deposited seabed foundation. Soil Dynamics and Earthquake Engineering, 2017, 92, 239-252.	3.8	20
25	Numerical simulation of the seismic liquefaction mechanism in an offshore loosely deposited seabed. Bulletin of Engineering Geology and the Environment, 2016, 75, 1183-1197.	3.5	39
26	Nonlinear dynamic simulation of offshore breakwater on sloping liquefied seabed. Bulletin of Engineering Geology and the Environment, 2016, 75, 1215-1225.	3.5	22
27	3D Integrated numerical model for fluid–structures–seabed interaction (FSSI): Elastic dense seabed foundation. Ocean Engineering, 2016, 115, 107-122.	4.3	31
28	Seismic dynamics of offshore breakwater on liquefiable seabed foundation. Soil Dynamics and Earthquake Engineering, 2015, 76, 86-99.	3.8	75
29	Numerical simulation of the wave-induced dynamic response of poro-elastoplastic seabed foundations and a composite breakwater. Applied Mathematical Modelling, 2015, 39, 322-347.	4.2	78
30	Breaking wave-induced response of composite breakwater and liquefaction in seabed foundation. Coastal Engineering, 2014, 85, 72-86.	4.0	78
31	Nonlinear interaction between wave, breakwater and its loose seabed foundation: A small-scale case. Ocean Engineering, 2014, 91, 300-315.	4.3	12
32	A 3-D semi-coupled numerical model for fluid–structures–seabed-interaction (FSSI-CAS 3D): Model and verification. Journal of Fluids and Structures, 2013, 40, 148-162.	3.4	43
33	Validation of a 2-D semi-coupled numerical model for fluid–structure–seabed interaction. Journal of Fluids and Structures, 2013, 42, 333-357.	3.4	71
34	Numerical study of the stability of breakwater built on a sloped porous seabed under tsunami loading. Applied Mathematical Modelling, 2013, 37, 9575-9590.	4.2	26
35	Seismic response of poro-elastic seabed and composite breakwater under strong earthquake loading. Bulletin of Earthquake Engineering, 2012, 10, 1609-1633.	4.1	31
36	Consolidation and dynamics of 3D unsaturated porous seabed under rigid caisson breakwater loaded by hydrostatic pressure and wave. Science China Technological Sciences, 2012, 55, 2362-2376.	4.0	22

#	Article	IF	Citations
37	3D liquefaction criteria for seabed considering the cohesion and friction of soil. Applied Ocean Research, 2012, 37, 111-119.	4.1	35
38	Correction of the probabilistic density function of discontinuities spacing considering the statistical error based on negative exponential distribution. Journal of Structural Geology, 2012, 40, 17-28.	2.3	9
39	Estimation of the tensile elastic modulus using Brazilian disc by applying diametrically opposed concentrated loads. International Journal of Rock Mechanics and Minings Sciences, 2009, 46, 568-576.	5.8	158