Dong-Sheng Jeng

List of Publications by Year
in descending order

315	7,991	46984 47	91828 69
papers	citations	h-index	g-index

325	325	325	2910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural network and neuro-fuzzy assessments for scour depth around bridge piers. Engineering Applications of Artificial Intelligence, 2007, 20, 401-414.	4.3	172
2	Beach water table fluctuations due to springâ€“neap tides: moving boundary effects. Advances in Water Resources, 2000, 23, 817-824.	1.7	168
3	Application of artificial neural networks in tide-forecasting. Ocean Engineering, 2002, 29, 1003-1022.	1.9	143
4	An integrated model for the wave-induced seabed response around marine structures: Model verifications and applications. Coastal Engineering, 2013, 72, 1-19.	1.7	141
5	Wave-induced seabed instability in front of a breakwater. Ocean Engineering, 1997, 24, 887-917.	1.9	136
6	Response of Porous Seabed to Nature Loadings: Waves and Currents. Journal of Engineering Mechanics - ASCE, 2012, 138, 601-613.	1.6	132
7	Tidal influence on behaviour of a coastal aquifer adjacent to a low-relief estuary. Journal of Hydrology, 2006, 327, 110-127.	2.3	131
8	Wave-induced response of seabed: Various formulations and their applicability. Applied Ocean Research, 2009, 31, 12-24.	1.8	119
9	Neural Network Modeling for Estimation of Scour Depth Around Bridge Piers. Journal of Hydrodynamics, 2007, 19, 378-386.	1.3	103
10	Numerical simulation of waveâ€“current interaction using a RANS solver. Ocean Engineering, 2014, 75, 157-164.	1.9	101
11	A new analytical solution for water table fluctuations in coastal aquifers with sloping beaches. Advances in Water Resources, 2003, 26, 1239-1247.	1.7	99
12	A half-space saturated poro-elastic medium subjected to a moving point load. International Journal of Solids and Structures, 2007, 44, 573-586.	1.3	96
13	Wave-induced soil response in a nearly saturated sea-bed of finite thickness. Geotechnique, 1996, 46, 427-440.	2.2	95
14	Investigation of nonlinear wave-induced seabed response around mono-pile foundation. Coastal Engineering, 2017, 121, 197-211.	1.7	94
15	Effects of dynamic soil behavior and wave non-linearity on the wave-induced pore pressure and effective stresses in porous seabed. Ocean Engineering, 2003, 30, 2065-2089.	1.9	92
16	Analytical solution for tidal propagation in a coupled semi-confined/phreatic coastal aquifer. Advances in Water Resources, 2002, 25, 577-584.	1.7	89
17	Estimation of pile group scour using adaptive neuro-fuzzy approach. Ocean Engineering, 2007, 34, 1344-1354.	1.9	85
18	An integrated numerical model for waveâ€“soilâ€“pipeline interactions. Coastal Engineering, 2016, 108, 25-35.	1.7	82

#	Article	IF	Citations
19	Soil Response in Cross-Anisotropic Seabed due to Standing Waves. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1997, 123, 9-19.	1.5	79
20	Breaking wave-induced response of composite breakwater and liquefaction in seabed foundation. Coastal Engineering, 2014, 85, 72-86.	1.7	78
21	Laboratory study for pore pressures in sandy deposit under wave loading. Ocean Engineering, 2015, 106, 207-219.	1.9	78
22	Numerical simulation of the wave-induced dynamic response of poro-elastoplastic seabed foundations and a composite breakwater. Applied Mathematical Modelling, 2015, 39, 322-347.	2.2	78
23	Three-dimensional numerical model for wave-induced seabed response around mono-pile. Ships and Offshore Structures, 2016, 11, 667-678.	0.9	77
24	Effects of wave-induced seabed liquefaction on sediment re-suspension in the Yellow River Delta. Ocean Engineering, 2014, 89, 146-156.	1.9	75
25	Validation of a 2-D semi-coupled numerical model for fluidâ€“structureâ€“seabed interaction. Journal of Fluids and Structures, 2013, 42, 333-357.	1.5	71
26	Bayesian neural networks for prediction of equilibrium and time-dependent scour depth around bridge piers. Advances in Engineering Software, 2007, 38, 102-111.	1.8	70
27	Three-dimensional modeling of wave-induced residual seabed response around a mono-pile foundation. Coastal Engineering, 2017, 128, 1-21.	1.7	70
28	Modeling sediment transport in the swash zone: A review. Ocean Engineering, 2009, 36, 767-783.	1.9	68
29	Porous Models for Wave-seabed Interactions. , 2013, , .		67
30	Effect of seepage flow on sediment incipient motion around a free spanning pipeline. Coastal Engineering, 2019, 143, 50-62.	1.7	66
31	Probabilistic parameter estimation and predictive uncertainty based on field measurements for unsaturated soil slope. Computers and Geotechnics, 2013, 48, 72-81.	2.3	65
32	Consolidation of unsaturated seabed around an inserted pile foundation and its effects on the wave-induced momentary liquefaction. Ocean Engineering, 2017, 131, 308-321.	1.9	64
33	An optimised product-unit neural network with a novel PSOâ€“BP hybrid training algorithm: Applications to loadâ€“deformation analysis of axially loaded piles. Engineering Applications of Artificial Intelligence, 2013, 26, 2305-2314.	4.3	61
34	Two-Dimensional Model for Accumulation of Pore Pressure in Marine Sediments. Journal of Waterway, Port, Coastal and Ocean Engineering, 2015, 141, .	0.5	60
35	Finite element modelling for water waves-soil interaction. Soil Dynamics and Earthquake Engineering, 1996, 15, 283-300.	1.9	59
36	Simplified Analytical Approximation for Pore-Water Pressure Buildup in Marine Sediments. Journal of Waterway, Port, Coastal and Ocean Engineering, 2007, 133, 309-312.	0.5	57

#	Article	IF	Citations
37	An analytical solution for response of a porous seabed to combined wave and current loading. Ocean Engineering, 2013, 57, 240-247.	1.9	56
38	Two-Dimensional Model for Pore Pressure Accumulations in the Vicinity of a Buried Pipeline. Journal of Offshore Mechanics and Arctic Engineering, 2014, 136, .	0.6	55
39	Numerical study for wave-induced seabed response around offshore wind turbine foundation in Donghai offshore wind farm, Shanghai, China. Ocean Engineering, 2014, 85, 32-43.	1.9	55
40	Numerical study on the interaction between non-linear wave, buried pipeline and non-homogenous porous seabed. Computers and Geotechnics, 2003, 30, 535-547.	2.3	53
41	Response in Seabed of Finite Depth with Variable Permeability. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1997, 123, 902-911.	1.5	52
42	Tidal fluctuations in a leaky confined aquifer: Dynamic effects of an overlying phreatic aquifer. Water Resources Research, 2001, 37, 1095-1098.	1.7	52
43	Greenâ€“Ampt approximations. Advances in Water Resources, 2005, 28, 1003-1009.	1.7	52
44	Numerical modeling for waveâ€“seabedâ€“pipe interaction in a non-homogeneous porous seabed. Soil Dynamics and Earthquake Engineering, 2001, 21, 699-712.	1.9	51
45	Experimental study of vortex-induced vibrations of a cylinder near a rigid plane boundary in steady flow. Acta Mechanica Sinica/Lixue Xuebao, 2009, 25, 51-63.	1.5	51
46	Experimental study of vortex-induced vibrations of a pipeline near an erodible sandy seabed. Ocean Engineering, 2008, 35, 301-309.	1.9	50
47	Dynamic response of a porous seabedâ€“pipeline interaction under wave loading: Soilâ€“pipeline contact effects and inertial effects. Computers and Geotechnics, 2008, 35, 173-186.	2.3	49
48	A new approximation for pore pressure accumulation in marine sediment due to water waves. International Journal for Numerical and Analytical Methods in Geomechanics, 2007, 31, 53-69.	1.7	48
49	3D models for wave-induced pore pressures near breakwater heads. Acta Mechanica, 2010, 215, 85-104.	1.1	48
50	Variational assimilation of land surface temperature and the estimation of surface energy balance components. Journal of Hydrology, 2013, 481, 143-156.	2.3	48
51	Numerical study of wave-induced soil response in a sloping seabed in the vicinity of a breakwater. Applied Ocean Research, 2015, 51, 204-221.	1.8	48
52	Combined wave-current induced excess pore-pressure in a sandy seabed: Flume observations and comparisons with theoretical models. Coastal Engineering, 2019, 147, 89-98.	1.7	48
53	Modelling loadâ€“settlement behaviour of piles using high-order neural network (HON-PILE model). Engineering Applications of Artificial Intelligence, 2011, 24, 813-821.	4.3	47
54	Solute transport in partially-saturated deformable porous media: Application to a landfill clay liner. Advances in Water Resources, 2012, 40, 1-10.	1.7	47

#	Article	IF	Citations
55	2D numerical study of wave and current-induced oscillatory non-cohesive soil liquefaction around a partially buried pipeline in a trench. Ocean Engineering, 2017, 135, 39-51.	1.9	47
56	Numerical Fourier solutions of standing waves in finite water depth. Applied Ocean Research, 1994, 16, 185-193.	1.8	46
57	Wave-induced pore pressure around a composite breakwater. Ocean Engineering, 2001, 28, 1413-1435.	1.9	46
58	Finite element modeling for the mechanical behavior of dowel-type timber joints. Computers and Structures, 2003, 81, 2731-2738.	2.4	46
59	Mechanism of the wave-induced seabed instability in the vicinity of a breakwater: a review. Ocean Engineering, 2001, 28, 537-570.	1.9	44
60	Response of a porous seabed around breakwater heads. Ocean Engineering, 2008, 35, 864-886.	1.9	44
61	A 3-D semi-coupled numerical model for fluidâ€“structuresâ€“seabed-interaction (FSSI-CAS 3D): Model and verification. Journal of Fluids and Structures, 2013, 40, 148-162.	1.5	43
62	Physical modeling of untrenched submarine pipeline instability. Ocean Engineering, 2003, 30, 1283-1304.	1.9	42
63	Experimental study on ocean waves propagating over a submerged breakwater in front of a vertical seawall. Ocean Engineering, 2005, 32, 2231-2240.	1.9	42
64	Laboratory experimental study of ocean waves propagating over a partially buried pipeline in a trench layer. Ocean Engineering, 2019, 173, 617-627.	1.9	42
65	Pore scale study of the influence of particle geometry on soil permeability. Advances in Water Resources, 2019, 129, 232-249.	1.7	42
66	Seismic-induced dynamic responses in a poro-elastic seabed: Solutions of different formulations. Soil Dynamics and Earthquake Engineering, 2020, 131, 106021.	1.9	42
67	A semi-analytical solution for random wave-induced soil response and seabed liquefaction in marine sediments. Ocean Engineering, 2007, 34, 1211-1224.	1.9	41
68	Response of a porous seabed to water waves over permeable submerged breakwaters with Bragg reflection. Ocean Engineering, 2012, 43, 1-12.	1.9	41
69	Wave-induced seabed residual response and liquefaction around a mono-pile foundation with various embedded depth. Ocean Engineering, 2019, 173, 157-173.	1.9	41
70	Numerical study for waves propagating over a porous seabed around a submerged permeable breakwater: PORO-WSSI II model. Ocean Engineering, 2011, 38, 954-966.	1.9	40
71	Numerical modeling of response of a saturated porous seabed around an offshore pipeline considering non-linear wave and current interaction. Applied Ocean Research, 2012, 35, 25-37.	1.8	40
72	Numerical study for wave-induced oscillatory pore pressures and liquefaction around impermeable slope breakwater heads. Ocean Engineering, 2018, 157, 364-375.	1.9	38

#	Article	IF	Citations
73	Dynamic response of a piecewise circular tunnel embedded in a poroelastic medium. Soil Dynamics and Earthquake Engineering, 2007, 27, 875-891.	1.9	37
74	A 2.5-D dynamic model for a saturated porous medium: Part I. Greenâ€™s function. International Journal of Solids and Structures, 2008, 45, 378-391.	1.3	37
75	Wave-induced multi-layered seabed response around a buried pipeline. Ocean Engineering, 2013, 72, 195-208.	1.9	36
76	Inverse Analysis of Deep Excavation Using Differential Evolution Algorithm. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 115-134.	1.7	36
77	An experimental study for wave-induced instability of pipelines: the breakout of pipelines. Applied Ocean Research, 2002, 24, 83-90.	1.8	35
78	Predictions of bridge scour: Application of a feed-forward neural network with an adaptive activation function. Engineering Applications of Artificial Intelligence, 2013, 26, 1540-1549.	4.3	35
79	Wave and current induced seabed response around a submarine pipeline in an anisotropic seabed. Ocean Engineering, 2014, 75, 112-127.	1.9	35
80	Wave-induced oscillatory response in a randomly heterogeneous porous seabed. Ocean Engineering, 2016, 111, 116-127.	1.9	35
81	Swash-aquifer interaction in the vicinity of the water table exit point on a sandy beach. Journal of Geophysical Research, 2006, 111, .	3.3	33
82	Solute transport in nearly saturated porous media under landfill clay liners: A finite deformation approach. Journal of Hydrology, 2013, 479, 189-199.	2.3	33
83	Poro-Elasto-Plastic Model for the Wave-Induced Liquefaction1. Journal of Offshore Mechanics and Arctic Engineering, 2015, 137, .	0.6	33
84	Effects of bottom shear stresses on the wave-induced dynamic response in a porous seabed: PORO-WSSI (shear) model. Acta Mechanica Sinica/Lixue Xuebao, 2011, 27, 898-911.	1.5	32
85	A simplified quasi-static analysis of wave-induced residual liquefaction of seabed around an immersed tunnel. Ocean Engineering, 2018, 148, 574-587.	1.9	32
86	3D Integrated numerical model for fluidâ€“structuresâ€“seabed interaction (FSSI): Elastic dense seabed foundation. Ocean Engineering, 2016, 115, 107-122.	1.9	31
87	Laboratory test and empirical model for shear modulus degradation of soft marine clays. Ocean Engineering, 2017, 146, 101-114.	1.9	31
88	Wave-induced liquefaction potential at the tip of a breakwater: an analytical solution. Applied Ocean Research, 1996, 18, 229-241.	1.8	30
89	Wave-induced seabed instability around a buried pipeline in a poro-elastic seabed. Ocean Engineering, 2000, 27, 127-146.	1.9	30
90	Wave dispersion equation in a porous seabed. Ocean Engineering, 2001, 28, 1585-1599.	1.9	30

#	Article	IF	Citations
91	Stress and deformation of offshore piles under structural and wave loading. Ocean Engineering, 2003, 30, 369-385.	1.9	30
92	Spring-neap tide-induced beach water table fluctuations in a sloping coastal aquifer. Water Resources Research, 2005, 41, .	1.7	30
93	Application of neural networks and fuzzy logic models to long-shore sediment transport. Applied Soft Computing Journal, 2011, 11, 2880-2887.	4.1	30
94	A mathematical model of mucilage expansion in myxospermous seeds of Capsella bursa-pastoris (shepherd's purse). Annals of Botany, 2012, 109, 419-427.	1.4	30
95	Numerical Simulation of Solitary-Wave Propagation over a Steady Current. Journal of Waterway, Port, Coastal and Ocean Engineering, 2015, 141, .	0.5	30
96	Accumulated Pore Pressures around Submarine Pipeline Buried in Trench Layer with Partial Backfills. Journal of Engineering Mechanics - ASCE, 2016, 142, .	1.6	30
97	Effects of cross-correlated multiple spatially random soil properties on wave-induced oscillatory seabed response. Applied Ocean Research, 2017, 62, 57-69.	1.8	30
98	Transient soil response in a porous seabed with variable permeability. Ocean Engineering, 1996, 23, 27-46.	1.9	29
99	A 2.5-D dynamic model for a saturated porous medium. Part II: Boundary element method. International Journal of Solids and Structures, 2008, 45, 359-377.	1.3	29
100	Computations of the almost highest short-crested waves in deep water. Applied Ocean Research, 1994, 16, 317-326.	1.8	28
101	Waveâ€induced progressive liquefaction in a poroâ€elastoplastic seabed: A twoâ€layered model. International Journal for Numerical and Analytical Methods in Geomechanics, 2009, 33, 591-610.	1.7	28
102	Capillary effect on water table fluctuations in unconfined aquifers. Water Resources Research, 2013, 49, 3064-3069.	1.7	28
103	Numerical investigation of dynamic soil response around a submerged rubble mound breakwater. Ocean Engineering, 2018, 156, 406-423.	1.9	28
104	Effect of vertical seismic motion on the dynamic response and instantaneous liquefaction in a two-layer porous seabed. Computers and Geotechnics, 2018, 99, 165-176.	2.3	27
105	Combined waveâ€“current induced seabed liquefaction around buried pipelines: Design of a trench layer. Ocean Engineering, 2020, 212, 107764.	1.9	27
106	Dynamic response of porous seabed to ocean waves. Computers and Geotechnics, 2001, 28, 99-128.	2.3	26
107	Poroelastic model for pileâ€“soil interaction in a half-space porous medium due to seismic waves. International Journal for Numerical and Analytical Methods in Geomechanics, 2008, 32, 1-41.	1.7	26
108	Dynamic response of a porous seabed around pipeline under three-dimensional wave loading. Soil Dynamics and Earthquake Engineering, 2011, 31, 785-791.	1.9	26

#	Article	IF	Citations
109	Parametric study of the wave-induced residual liquefaction around an embedded pipeline. Applied Ocean Research, 2016, 55, 163-180.	1.8	26
110	Propagation Buckling in Subsea Pipe-in-Pipe Systems. Journal of Engineering Mechanics - ASCE, 2017, 143, .	1.6	26
111	Poroelastic analysis of the waveâ€“seabed interaction problem. Computers and Geotechnics, 2000, 26, 43-64.	2.3	25
112	Dynamic Response of a Circular Tunnel Embedded in a Saturated Poroelastic Medium due to a Moving Load. Journal of Vibration and Acoustics, Transactions of the ASME, 2006, 128, 750-756.	1.0	25
113	Three-dimensional dynamic transient response of a poro-elastic unsaturated seabed and a rubble mound breakwater due to seismic loading. Soil Dynamics and Earthquake Engineering, 2013, 44, 14-26.	1.9	25
114	The effect of natural seed coatings of Capsella bursa-pastoris L. Medik. (shepherdâ€™s purse) on soil-water retention, stability and hydraulic conductivity. Plant and Soil, 2015, 387, 167-176.	1.8	25
115	Effects of cross-anisotropic soil behaviour on the wave-induced residual liquefaction in the vicinity of pipeline buried in elasto-plastic seabed foundations. Soil Dynamics and Earthquake Engineering, 2016, 80, 40-55.	1.9	24
116	Numerical testing on wave-induced seabed liquefaction with a poro-elastoplastic model. Soil Dynamics and Earthquake Engineering, 2018, 105, 150-159.	1.9	24
117	Dynamic response of pipelines with various burial depth due to underwater explosion. Ocean Engineering, 2018, 164, 114-126.	1.9	24
118	Numerical study on loosely deposited foundation behavior around a composite breakwater subject to ocean wave impact. Engineering Geology, 2017, 227, 121-138.	2.9	23
119	PORO-FSSI-FOAM: Seabed response around a mono-pile under natural loadings. Ocean Engineering, 2019, 184, 239-254.	1.9	23
120	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.	2.0	22
121	Experimental study on soil response and wave attenuation in a silt bed. Ocean Engineering, 2018, 160, 105-118.	1.9	22
122	Neural network model for the prediction of wave-induced liquefaction potential. Ocean Engineering, 2004, 31, 2073-2086.	1.9	21
123	New approximation for free surface flow of groundwater: capillarity correction. Advances in Water Resources, 2005, 28, 1032-1039.	1.7	21
124	Three-dimensional consolidation of a porous unsaturated seabed under rubble mound breakwater. Ocean Engineering, 2012, 53, 48-59.	1.9	21
125	Evaluation of methods for estimating aquifer hydraulic parameters. Applied Soft Computing Journal, 2015, 28, 541-549.	4.1	21
126	Introducing a project-based assignment in a traditionally taught engineering course. European Journal of Engineering Education, 2018, 43, 788-799.	1.5	21

#	Article	IF	Citations
127	Effects of principal stress rotation on wave-induced soil response in a poro-elastoplastic sandy seabed. Acta Geotechnica, 2019, 14, 1717-1739.	2.9	21
128	Experimental study on irregular wave-induced pore-water pressures in a porous seabed around a mono-pile. Applied Ocean Research, 2020, 95, 102041.	1.8	21
129	The effects of variable permeability on the wave-induced seabed response. Ocean Engineering, 1997, 24, 623-643.	1.9	20
130	An Analytical Approximation for Dynamic Soil Response of a Porous Seabed due to Combined Wave and Current Loading. Journal of Coastal Research, 2015, 315, 1120-1128.	0.1	20
131	Laboratory Study for Influence of Clay Content (CC) on Wave-Induced Liquefaction in Marine Sediments. Marine Georesources and Geotechnology, 2016, 34, 280-292.	1.2	20
132	3D integrated numerical model for Fluid-Structures-Seabed Interaction (FSSI): Loosely deposited seabed foundation. Soil Dynamics and Earthquake Engineering, 2017, 92, 239-252.	1.9	20
133	Numerical investigations on pore-pressure response of suction anchors under cyclic tensile loadings. Engineering Geology, 2017, 227, 108-120.	2.9	19
134	Failure mode and capacity of suction caisson under inclined short-term static and one-way cyclic loadings. Marine Georesources and Geotechnology, 2018, 36, 52-63.	1.2	19
135	Laboratory study for soil structure effect on marine clay response subjected to cyclic loads. Ocean Engineering, 2018, 147, 45-50.	1.9	19
136	Physical modeling of combined waves and current propagating around a partially embedded monopile in a porous seabed. Ocean Engineering, 2020, 205, 107307.	1.9	19
137	Dynamic response of a pile embedded in a porous medium subjected to plane SH waves. Computers and Geotechnics, 2006, 33, 404-418.	2.3	18
138	Improved Analysis Method for Wave-Induced Pipeline Stability on Sandy Seabed. Journal of Transportation Engineering, 2006, 132, 590-596.	0.9	18
139	An analytical solution for tidal fluctuations in unconfined aquifers with a vertical beach. Water Resources Research, 2010, 46, .	1.7	18
140	Stability and liquefaction analysis of porous seabed subjected to cnoidal wave. Applied Ocean Research, 2014, 48, 250-265.	1.8	18
141	Physical Model of wave-induced seabed response around trenched pipeline in sandy seabed. Applied Ocean Research, 2018, 75, 37-52.	1.8	18
142	Dynamic characteristics of a sandy seabed under storm wave loading considering the effect of principal stress rotation. Engineering Geology, 2019, 259, 105132.	2.9	18
143	An integrated three-dimensional model of wave-induced pore pressure and effective stresses in a porous seabed: II. Breaking waves. Ocean Engineering, 2005, 32, 1950-1967.	1.9	17
144	Green's function for a harmonic acoustic point source within seawater overlying a saturated poroelastic seabed. Journal of Sound and Vibration, 2007, 307, 172-186.	2.1	17

#	Article	IF	Citations
145	A process-based model for sediment transport under various wave and current conditions. International Journal of Sediment Research, 2011, 26, 498-512.	1.8	17
146	A coupled mathematical model for accumulation of wave-induced pore water pressure and its application. Coastal Engineering, 2019, 154, 103577.	1.7	17
147	PORO-FSSI-FOAM model for seafloor liquefaction around a pipeline under combined random wave and current loading. Applied Ocean Research, 2021, 107, 102497.	1.8	17
148	Impact of two-dimensional seepage flow on sediment incipient motion under waves. Applied Ocean Research, 2021, 108, 102510.	1.8	17
149	Ocean waves propagating over a porous seabed: Residual and oscillatory mechanisms. Science in China Series D: Earth Sciences, 2007, 50, 81-89.	0.9	16
150	Numerical Modeling of Seabed Response to Combined Wave-Current Loading. Journal of Offshore Mechanics and Arctic Engineering, 2013, 135, .	0.6	16
151	Estimation of scour depth around circular piers: applications of model tree. Journal of Hydroinformatics, 2015, 17, 226-238.	1.1	16
152	Numerical Modelling of consolidation-induced solute transport in unsaturated soil with dynamic hydraulic conductivity and degree of saturation. Advances in Water Resources, 2020, 135, 103466.	1.7	16
153	Numerical study on the frequency response of offshore monopile foundation to seismic excitation. Computers and Geotechnics, 2021, 138, 104342.	2.3	16
154	Effects of dynamic soil permeability on the wave-induced seabed response around a buried pipeline. Ocean Engineering, 2019, 186, 106132.	1.9	15
155	An integrated numerical model for the stability of artificial submarine slope under wave load. Coastal Engineering, 2020, 158, 103698.	1.7	15
156	A physics-informed statistical learning framework for forecasting local suspended sediment concentrations in marine environment. Water Research, 2022, 218, 118518.	5.3	15
157	Two-dimensional approximation for tide-induced watertable fluctuations in a sloping sandy beach. Advances in Water Resources, 2005, 28, 1040-1047.	1.7	14
158	Similarity solution of axisymmetric flow in porous media. Advances in Water Resources, 2005, 28, 1076-1082.	1.7	14
159	Artificial intelligence-based estimation of flushing half-cone geometry. Engineering Applications of Artificial Intelligence, 2013, 26, 2551-2558.	4.3	14
160	3D numerical model for wave-induced seabed response around breakwater heads. Geomechanics and Engineering, 2013, 5, 595-611.	0.9	14
161	Simplified approximation for seepage effect on penetration resistance of suction caissons in sand. Ships and Offshore Structures, 2017, 12, 980-990.	0.9	14
162	Experimental Study for Wave-Induced Pore-Water Pressures in a Porous Seabed around a Mono-Pile. Journal of Marine Science and Engineering, 2019, 7, 237.	1.2	14

#	Article	IF	Citations
163	Effects of Moisture Content on the Dynamic Response and Failure Mode of Unsaturated Soil Slope Subjected to Seismic Load. Bulletin of the Seismological Society of America, 2019, 109, 489-504.	1.1	14
164	A new model for wave-induced instantaneous liquefaction in a non-cohesive seabed with dynamic permeability. Ocean Engineering, 2020, 213, 107597.	1.9	14
165	Influence of Surface Roughness and Particle Characteristics on Soilâ€“Structure Interactions: A State-of-the-Art Review. Geosciences (Switzerland), 2022, 12, 145.	1.0	14
166	Dynamic Analysis of an Infinite Cylindrical Hole in a Saturated Poroelastic Medium. Archive of Applied Mechanics, 2006, 76, 263-276.	1.2	13
167	Dynamic responses of a pile embedded in a layered poroelastic half-space to a harmonic axial loading. Acta Mechanica, 2009, 207, 29-49.	1.1	13
168	Dynamic response of an offshore pile to pseudo-Stoneley waves along the interface between a poroelastic seabed and seawater. Soil Dynamics and Earthquake Engineering, 2010, 30, 184-201.	1.9	13
169	The rheological properties of the seed coat mucilage of Capsella bursa-pastoris L. Medik. (shepherd's) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	13
170	Cnoidal wave induced seabed response around a buried pipeline. Ocean Engineering, 2015, 101, 118-130.	1.9	13
171	Failure mode and dynamic response of a double-sided slope with high water content of soil. Journal of Mountain Science, 2018, 15, 859-870.	0.8	13
172	Motion at surface of a gassy ocean sediment layer induced by obliquely incident P waves. Ocean Engineering, 2018, 149, 95-105.	1.9	13
173	Tension Analysis of Submarine Cables during Laying Operations. Open Civil Engineering Journal, 2013, 7, 282-291.	0.4	13
174	Fourth-order theory for multiple-wave interaction. Coastal Engineering, 1995, 25, 43-63.	1.7	12
175	Steepness expansion for free surface flows in coastal aquifers. Journal of Hydrology, 2005, 309, 85-92.	2.3	12
176	A mixture-theory-based dynamic model for a porous medium saturated by two immiscible fluids. Journal of Applied Geophysics, 2007, 62, 89-106.	0.9	12
177	Dynamic Response in a Porous Seabed of Finite Depth to Combined Wave and Current Loadings. Journal of Coastal Research, 2013, 30, 765.	0.1	12
178	Simplified Approximation of Wave-Induced Liquefaction in a Shallow Porous Seabed. International Journal of Geomechanics, 2014, 14, .	1.3	12
179	Momentary liquefaction of porous seabed under vertical seismic action. Applied Ocean Research, 2018, 73, 80-87.	1.8	12
180	Meshfree Model for Wave-Seabed Interactions Around Offshore Pipelines. Journal of Marine Science and Engineering, 2019, 7, 87.	1.2	12

#	Article	IF	Citations
181	Response of a Porous Seabed around an Immersed Tunnel under Wave Loading: Meshfree Model. Journal of Marine Science and Engineering, 2019, 7, 369.	1.2	12
182	Effect of principal stress rotation on dynamic characteristics of a sandy seabed under a partially reflected standing wave. Ocean Engineering, 2020, 196, 106667.	1.9	12
183	Seabed liquefaction around breakwater heads at a river mouth: An integrated 3D model. Ocean Engineering, 2021, 242, 110036.	1.9	12
184	Analytical solutions of hydroelastic interactions between waves and submerged open-net fish cage modeled as a porous cylindrical thin shell. Physics of Fluids, 2022, 34, .	1.6	12
185	Numerical study of seabed response and liquefaction around a jacket support offshore wind turbine foundation under combined wave and current loading. Water Science and Engineering, 2022, 15, 78-88.	1.4	12
186	An integrated three-dimensional model for wave-induced seabed response in a porous seabed. I. A sloping seabed. Ocean Engineering, 2005, 32, 701-729.	1.9	11
187	Estimating soil thermal properties from sequences of land surface temperature using hybrid Genetic Algorithmâ€“Finite Difference method. Engineering Applications of Artificial Intelligence, 2012, 25, 1425-1436.	4.3	11
188	A new model for the vibration isolation via pile rows consisting of infinite number of piles. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 2394-2426.	1.7	11
189	2-D integrated numerical modeling for the potential of solitary wave-induced residual liquefaction over a sloping porous seabed. Journal of Ocean Engineering and Marine Energy, 2016, 2, 1-18.	0.9	11
190	Cyclic strength of sand under a nonstandard elliptical rotation stress path induced by wave loading. Journal of Hydrodynamics, 2017, 29, 89-95.	1.3	11
191	Numerical modeling of solute transport in deformable unsaturated layeredÂsoil. Water Science and Engineering, 2017, 10, 184-196.	1.4	11
192	The effects of a porous-elastic seabed on interfacial wave propagation. Ocean Engineering, 2007, 34, 1818-1831.	1.9	10
193	Three-dimensional poro-elastic integrated model for wave and current-induced oscillatory soil liquefaction around an offshore pipeline. Applied Ocean Research, 2017, 68, 293-306.	1.8	10
194	Pore Structure of Grain-Size Fractal Granular Material. Materials, 2019, 12, 2053.	1.3	10
195	A New Approach to Explore the Surface Profile of Clay Soil Using White Light Interferometry. Sensors, 2020, 20, 3009.	2.1	10
196	3D Modeling of Wave-Seabed-Pipeline in Marine Environments. Open Civil Engineering Journal, 2008, 2, 121-142.	0.4	10
197	Comments on "numerical evaluation of the Lambert W function and application to generation of generalized Gaussian noise with exponent 1/2". IEEE Transactions on Signal Processing, 2004, 52, 1456-1457.	3.2	9
198	Tidal propagation in an oceanic island with sloping beaches. Hydrology and Earth System Sciences, 2010, 14, 1341-1351.	1.9	9

#	Article	IF	Citations
199	Numerical study on the interaction between waves and twin pipelines in sandy seabed. Journal of Coastal Research, 2013, 65, 428-433.	0.1	9
200	Numerical modelling of liquefaction in loose sand deposits subjected to ocean waves. Applied Ocean Research, 2018, 73, 27-41.	1.8	9
201	Stability of the foundation trench of the immersed tunnel subjected to combined wave and current loading. Applied Ocean Research, 2021, 110, 102627.	1.8	9
202	Modified Shields number for sediment incipient motion around a pile with impact of three-dimensional seepage in a porous seabed. Applied Ocean Research, 2021, 117, 102896.	1.8	9
203	Two-way coupling model for wave-induced oscillatory soil response around marine structures. Ocean Engineering, 2022, 249, 110791.	1.9	9
204	Wave-induced seabed response in a cross-anisotropic seabed in front of a breakwater: An analytical solution. Ocean Engineering, 1998, 25, 49-67.	1.9	8
205	Tidal fluctuations in a leaky confined aquifer: localised effects of an overlying phreatic aquifer. Journal of Hydrology, 2002, 265, 283-287.	2.3	8
206	Tidal Level Forecasting during Typhoon Surge Using Functional and Sequential Learning Neural Networks. Journal of Waterway, Port, Coastal and Ocean Engineering, 2005, 131, 321-324.	0.5	8
207	Analytical approximations for flow in compressible, saturated, one-dimensional porous media. Advances in Water Resources, 2007, 30, 927-936.	1.7	8
208	Migration of volatile organic contaminations (VOCs) through a deforming clay liner. Advances in Water Resources, 2013, 59, 66-81.	1.7	8
209	A Three-Dimensional Model for the Seabed Response Induced by Waves in Conjunction with Currents in the Vicinity of an Offshore Pipeline Using OpenFOAM. International Journal of Ocean and Coastal Engineering, 2018, 01, .	0.3	8
210	Modelling the wave-induced instantaneous liquefaction in a non-cohesive seabed as a nonlinear complementarity problem. Computers and Geotechnics, 2021, 137, 104275.	2.3	8
211	Response of Poro-Elastic Seabed to a 3-D Wave System: A Finite Element Analysis. Coastal Engineering Journal, 1996, 39, 165-183.	0.2	7
212	A linear dynamic model for a saturated porous medium. Transport in Porous Media, 2007, 68, 321-340.	1.2	7
213	Wave Attenuation over a Rigid Porous Medium on a Sandy Seabed. Journal of Engineering Mechanics - ASCE, 2009, 135, 1295-1304.	1.6	7
214	Higher Order Analytical Solutions of Water Table Fluctuations in Coastal Aquifers. Ground Water, 2012, 50, 301-307.	0.7	7
215	Coupling model for waves propagating over a porous seabed. Theoretical and Applied Mechanics Letters, 2015, 5, 85-88.	1.3	7
216	Wave (Current)-Induced Pore Pressure in Offshore Deposits: A Coupled Finite Element Model. Journal of Marine Science and Engineering, 2018, 6, 83.	1.2	7

#	Article	IF	Citations
217	Constitutive Modeling of Physical Properties of Coastal Sand during Tunneling Construction Disturbance. Journal of Marine Science and Engineering, 2021, 9, 167.	1.2	7
218	The Role of 2D Seepage on Sediment Incipient Motion around a Pipeline. Journal of Marine Science and Engineering, 2021, 9, 580.	1.2	7
219	A Numerical Approach to Determine Wave (Current)-Induced Residual Responses in a Layered Seabed. Journal of Coastal Research, 2019, 35, 1271.	0.1	7
220	Effects of Wave Non-Linearity on Residual Pore Pressures in Marine Sediments. Open Civil Engineering Journal, 2008, 2, 63-74.	0.4	7
221	Meshless Model for Wave-Induced Oscillatory Seabed Response around a Submerged Breakwater Due to Regular and Irregular Wave Loading. Journal of Marine Science and Engineering, 2021, 9, 15.	1.2	7
222	Numerical analysis of the seabed liquefaction around a fixed gravity-based structure (GBS) of an offshore platform and protection. Ocean Engineering, 2022, 249, 110844.	1.9	7
223	Study on the seabed response around a dumbbell cofferdam under combined wave and current loading. Ocean Engineering, 2022, 256, 111456.	1.9	7
224	Wave-Induced Seabed Response around a Dumbbell Cofferdam in Non-Homogeneous Anisotropic Seabed. Journal of Marine Science and Engineering, 2019, 7, 189.	1.2	6
225	Seabed foundation stability around offshore detached breakwaters. Applied Ocean Research, 2021, 111, 102672.	1.8	6
226	A non-Darcy flow model for a non-cohesive seabed involving wave-induced instantaneous liquefaction. Ocean Engineering, 2021, 239, 109807.	1.9	6
227	Numerical investigation into the vulnerability to liquefaction of an embedded pipeline exposed to ocean storms. Coastal Engineering, 2022, 172, 104056.	1.7	6
228	A Semi-Analytical Model for Studying Hydroelastic Behaviour of a Cylindrical Net Cage under Wave Action. Journal of Marine Science and Engineering, 2021, 9, 1445.	1.2	6
229	The instantaneous seabed liquefaction around offshore pile-type foundation and seabed protection under combined wave and current loading. Ocean Engineering, 2022, 257, 111649.	1.9	6
230	Wave-Induced Seabed Response Around a Pipe Laid on a Poro-Elastic Seabed. Journal of Offshore Mechanics and Arctic Engineering, 1999, 121, 227-236.	0.6	5
231	Discussion of â€œExplicit Solution to Green and Ampt Infiltration Equationâ€•by Sergio E. Serrano. Journal of Hydrologic Engineering - ASCE, 2003, 8, 166-168.	0.8	5
232	Two-Dimensional Approximation for Tidal Dynamics in Coastal Aquifers: Capillarity Correction. Journal of Engineering Mechanics - ASCE, 2005, 131, 534-541.	1.6	5
233	Estimations of tidal characteristics and aquifer parameters via tide-induced head changes in coastal observation wells. Hydrology and Earth System Sciences, 2011, 15, 1473-1482.	1.9	5
234	Comparison of turbulence schemes for prediction of wave-induced near-bed sediment suspension above a plane bed. China Ocean Engineering, 2011, 25, 395-412.	0.6	5

#	Article	IF	Citations
235	Discussion of â€œPore-Water Pressure Development Caused by Wave-Induced Cyclic Loading in Deep Porous Formationâ€•by Africa M. Geremew. International Journal of Geomechanics, 2014, 14, 326-328.	1.3	5
236	Dynamic Response of a Defected Periodic Viaduct to a Moving Point Load. International Journal of Structural Stability and Dynamics, 2017, 17, 1750078.	1.5	5
237	On the soil response of a coastal sandy slope subjected to tsunami-like solitary wave. Bulletin of Engineering Geology and the Environment, 2018, 77, 999-1014.	1.6	5
238	Modelling of flow around hexagonal and textured cylinders. Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics, 2018, 171, 99-114.	0.4	5
239	Experimental studies on initiation of current-induced movement of mud. Applied Ocean Research, 2018, 80, 220-227.	1.8	5
240	Ocean Bottom Hydrodynamic Pressure due to Vertical Seismic Motion. International Journal of Geomechanics, 2020, 20, .	1.3	5
241	Experimental Study on Whole Wind Power Structure with Innovative Open-Ended Pile Foundation under Long-Term Horizontal Loading. Sensors, 2020, 20, 5348.	2.1	5
242	An optimal statistical regression model for predicting wave-induced equilibrium scour depth in sandy and silty seabeds beneath pipelines. Ocean Engineering, 2022, 258, 111709.	1.9	5
243	A new approximation for ocean waves propagating over a beach with variable depth. Ocean Engineering, 2005, 32, 1906-1916.	1.9	4
244	Note on the propagation of a shallow water wave in water of variable depth. Ocean Engineering, 2007, 34, 1336-1343.	1.9	4
245	Cross-shore sediment transport estimation using fuzzy inference system in the swash zone. Journal of the Franklin Institute, 2011, 348, 2005-2025.	1.9	4
246	Numerical Simulation of Solitary Wave Induced Flow Motion around a Permeable Submerged Breakwater. Journal of Applied Mathematics, 2012, 2012, 1-14.	0.4	4
247	Three-dimensional model for wave-induced dynamic pore pressure around monopile foundation. AIP Conference Proceedings, 2012, , .	0.3	4
248	Empirical Method for Settlement Prediction of Single Piles Using Higher Order Neural Network and Particle Swarm Optimization. , 2012, , .		4
249	Energy bands of a periodic viaduct in out-of-plane vibration: Coupling with a half-space. European Journal of Mechanics, A/Solids, 2012, 31, 21-36.	2.1	4
250	Soil response around Donghai offshore wind turbine foundation, China. Proceedings of Institution of Civil Engineers: Energy, 2014, 167, 20-31.	0.5	4
251	Effects of Principal Stress Rotation on the Fluid-Induced Soil Response in a Porous Seabed. Journal of Marine Science and Engineering, 2019, 7, 123.	1.2	4
252	A Neural-Genetic Technique for Coastal Engineering: Determining Wave-induced Seabed Liquefaction Depth. Studies in Computational Intelligence, 2008, , 337-351.	0.7	4

#	Article	IF	Citations
253	Numerical Investigation of the Wave/Currentâ€“Induced Responses of Transient Soil around a Square Mono-Pile Foundation. Journal of Coastal Research, 2019, 35, 625.	0.1	4
254	Experimental Study on the Irregular Wave (Current)-Induced Pore-Water Pressures around a Monopile. Journal of Coastal Research, 2022, 38, .	0.1	4
255	Discussion of â€œClosure to â€˜Explicit Solution to Green and Ampt Infiltration Equationâ€™ by Sergio E. Serranoâ€• Journal of Hydrologic Engineering - ASCE, 2006, 11, 282-284.	0.8	3
256	Wave-current-induced soil response in marine sediments. Theoretical and Applied Mechanics Letters, 2013, 3, 012002.	1.3	3
257	Numerical Modelling of Pore Pressure Accumulations in Marine Sediments around Submerged Breakwaters under Combined Wave and Current Loadings. Journal of Coastal Research, 2016, 321, 1092-1104.	0.1	3
258	Meshfree model for earthquake-induced transient response in a porous seabed. Soil Dynamics and Earthquake Engineering, 2021, 145, 106713.	1.9	3
259	Structureâ€“Seabed Interactions in Marine Environments. Journal of Marine Science and Engineering, 2021, 9, 972.	1.2	3
260	An integrated model for pore pressure accumulations in marine sediment under combined wave and current loading. Geomechanics and Engineering, 2016, 10, 387-403.	0.9	3
261	Numerical Study for Wave-Induced Oscillatory Seabed Response Around Pile Foundations Using OpenFOAM. International Journal of Offshore and Polar Engineering, 2019, 29, 217-227.	0.3	3
262	A 3-D model for ocean waves over a Columb-damping poroelastic seabed. Ocean Engineering, 2004, 31, 561-585.	1.9	2
263	Discussion of â€œImproved Decomposition Solution to Green and Ampt Equationâ€•by Sergio E. Serrano. Journal of Hydrologic Engineering - ASCE, 2005, 10, 433-434.	0.8	2
264	Evolutionary Algorithms for the Determination of Critical Depths in Conduits. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 847-852.	0.6	2
265	Vibration Analysis of a Circular Tunnel With Jointed Liners Embedded in an Elastic Medium Subjected to Seismic Waves. Journal of Vibration and Acoustics, Transactions of the ASME, 2009, 131, .	1.0	2
266	Empirical model for the prediction of lateral stability coefficient for un-trenched submarine pipes based on self-evolving neural network (SEANN). Ocean Engineering, 2013, 72, 167-175.	1.9	2
267	Migration of Volatile Organic Contaminations Through a Deformable Clay Liner: Effects of Occluded Gas Bubbles. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	2
268	A local time-domain absorbing boundary condition for scalar wave propagation in a multilayered medium. Computers and Geotechnics, 2020, 128, 103809.	2.3	2
269	Experimental Study on Mechanism of Wave-Induced Liquefaction of Sand-Clay Seabed. Journal of Marine Science and Engineering, 2020, 8, 66.	1.2	2
270	Effects of Bonded Tyres on Leachate Recirculation of Bioreactor Landfills. Open Civil Engineering Journal, 2017, 11, 552-562.	0.4	2

#	Article	IF	Citations
271	SHORT-CRESTED WAVE-INDUCED SEABED RESPONSE VARIABLE PERMEABILITY. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 1997, 20, 377-388.	0.6	1
272	Comment on â€œAnalytical decomposition of the nonlinear unsaturated flow equationâ€•by Sergio E. Serrano. Water Resources Research, 2002, 38, 7-1-7-2.	1.7	1
273	Discussion of â€œModeling Groundwater Flow under Transient Nonlinear Free Surface,â€•by Sergio E. Serrano. Journal of Hydrologic Engineering - ASCE, 2005, 10, 428-429.	0.8	1
274	NUMERICAL MODEL FOR WAVE-INDUCED RESIDUAL PORE PRESSURE IN A POROUS SEABED AROUND THE HEAD OF A BREAKWATER. , 2007, , .		1
275	Dynamic Response of a Porous Seabed and an Offshore Pile to Linear Water Waves. , 2008, , .		1
276	Numerical Modelling of Wave-Induced Pore Pressure Around a Buried Pipeline: WSPI-3D Model. , 2010, , .		1
277	An integrated model of wave-seabed-structure interactions. Journal of Hydrodynamics, 2010, 22, 126-131.	1.3	1
278	Effects of blood flow on high intensity focused ultrasound ablation. , 2011, , .		1
279	A model for the energy bands of an â€œopenâ€•type periodic structure: a periodic viaduct coupled with the half-space. Acta Mechanica, 2012, 223, 257-277.	1.1	1
280	Review of Liquefaction Around Marine Structures by B. Mutlu SumerWorld Scientific, Hackensack, NJ; 2014; ISBN978-981-4329-31-6; 472pp.; $138(hardcover), $104(e-book).. Journal of Waterway, Port, Coastal and Ocean Engineering, 2015, 141, 07515001.	0.5	1
281	Contaminant Transport in Capped Deformable Partially Saturated Sediments. Journal of Coastal Research, 2015, 316, 1489-1501.	0.1	1
282	The effect of thickness reduction on the hydraulic transmissivity of geonet drains using rigid and non-rigid flow boundaries. Geotextiles and Geomembranes, 2017, 45, 48-57.	2.3	1
283	Porous Models for Wave-induced Seabed Liquefaction. , 2018, , 969-997.		1
284	Coastal Geohazard and Offshore Geotechnics. Journal of Marine Science and Engineering, 2020, 8, 1011.	1.2	1
285	New Advances in Marine Engineering Geology. Journal of Marine Science and Engineering, 2021, 9, 66.	1.2	1
286	Recent Advances. , 2013, , 7-32.		1
287	Numerical study of Articulated Concrete Mattresses (ACMs) for offshore pipeline protection. Ocean Engineering, 2022, 255, 111467.	1.9	1
288	Scope for further analytical solutions for constant flux infiltration into a semi-infinite soil profile or redistribution in a finite soil profile. Water Resources Research, 2002, 38, 1-1-1-7.	1.7	0

#	Article	IF	Citations
289	Comment on â€œSolute transport under non-linear sorption and decayâ€•by Sergio E. Serrano. Water Research, 2002, 36, 3173-3174.	5.3	0
290	New approximation for free surface flow of groundwater in coastal aquifers. Developments in Water Science, 2004, 55, 1525-1534.	0.1	0
291	Improvement of an Artificial Neural Network Model using Min-Max Preprocessing for the Prediction of Wave-induced Seabed Liquefaction. , 0, , .		0
292	Comments on â€˜Interaction between internal waves and a permeable seabedâ€™ by C.Y. Chen and J.R.C. Hsu. Ocean Engineering, 2006, 33, 535-536.	1.9	0
293	Improvement of an Artificial Neural Network Model using Min-Max Preprocessing for the Prediction of Wave-induced Seabed Liquefaction. , 2006, , .		0
294	Engineering Software for the Wave-Seabed Interaction: PORO-WSSI Model. , 2007, , 653.		0
295	Discussion of â€œLaboratory Study of Liquefaction due to Waveâ€“Seabed Interactionâ€•by B. Chowdhury, G. R. Dasari, and T. Nogami. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 143-144.	1.5	0
296	Effects of Soil Behavior on Solute Transport in Groundwater. , 2010, , .		0
297	Dynamic soil response of poroelastic seabed to nonlinear water waves and uniform currents. , 2012, , .		0
298	Numerical Modeling of Seabed Response to Combined Wave and Current Loading. , 2012, , .		0
299	Dynamic Response of a Porous Seabed Combined Wave and Current Loadings: Effects of Inertial Terms. , 2012, , .		0
300	Two-Dimensional Model for Wave-Induced Pore Pressure Accumulation in Marine Sediments. , 2013, , .		0
301	Experimental Study for Wave-Induced Oscillatory Pore Pressures in a Sandy Seabed. , 2014, , .		0
302	Poro-Elasto-Plastic Model for Wave-Induced Liquefaction. , 2014, , .		0
303	Wave-Induced Oscillatory Soil Response Around Circular Rubble-Mound Breakwater Head. , 2017, , .		0
304	Wave-Induced Seabed Instability around a Breakwater. , 2017, , .		0
305	Numerical Study for Soil Response Around Submerged Breakwaters with Bragg Reflection. International Journal of Ocean and Coastal Engineering, 2018, 01, 1850005.	0.3	0
306	Wave Transformation and Soil Response Due to Submerged Permeable Breakwater. , 2006, , .		0

#	Article	IF	Citations
307	Comparison of Measured and Back Estimated Cone Penetration Resistance of Sand. , 2008, , .		0
308	Wave-Induced Liquefaction Around Breakwater Heads. , 2009, , .		0
309	Dynamic Analysis for Wave-seabed Interaction. , 2013, , 173-200.		0
310	Wave-Induced Seabed Response in Non-homogeneous Anisotropic Seabed. , 2013, , 109-171.		0
311	Wave-Induced Soil Response in an Isotropic Seabed. , 2013, , 33-78.		0
312	Dynamic Seabed Response Around Wind Turbine Foundation: Donghai Offshore Wind Farm China. , 2013, , .		0
313	Liquefaction of a poro-elastoplastic seabed under combined wave and current loading. , 2014, , 1829-1834.		0
314	Offshore Geotechnics. , 2016, , 907-936.		0
315	Assessment of Chi-Chi Earthquake-Induced Liquefaction: Application of ANN Model. , 0, , .		0