

Muk Chen Ong

List of Publications by Year in descending order

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159
papers

1,801
citations

257450

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all docs

159
docs citations

159
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of collision between massive ice floe and marine structure using coupled SPH-FEM method. Ships and Offshore Structures, 2023, 18, 380-390.	1.9	4
2	Numerical investigation of breaking wave loads on the downstream inclined cylinder under shelter effect from the upstream vertical cylinder. Ships and Offshore Structures, 2022, 17, 1706-1716.	1.9	2
3	Development of a coupling algorithm for fluid-structure interaction analysis of submerged aquaculture nets. Ocean Engineering, 2022, 243, 110208.	4.3	15
4	CFD investigation on scour beneath different configurations of piggyback pipelines under steady current flow. Coastal Engineering, 2022, 172, 104060.	4.0	4
5	Comparative study of circular and square gravity-based fish cages with different dimensions under pure current conditions. Aquacultural Engineering, 2022, 96, 102223.	3.1	4
6	On the three-dimensional wake flow behind a normal flat plate. Physics of Fluids, 2022, 34, .	4.0	8
7	Analysis of spar and semi-submersible floating wind concepts with respect to human exposure to motion during maintenance operations. Marine Structures, 2022, 83, 103145.	3.8	8
8	Prediction of long-term extreme response of two-rotor floating wind turbine concept using the modified environmental contour method. Renewable Energy, 2022, 189, 1133-1144.	8.9	7
9	Comparative study of five commonly used gravity type fish cages under pure current conditions. Ocean Engineering, 2022, 250, 110977.	4.3	12
10	Large eddy simulations and modal decomposition analysis of flow past a cylinder subject to flow-induced vibration. Physics of Fluids, 2022, 34, .	4.0	14
11	Power performance and dynamic responses of an integrated system with a semi-submersible wind turbine and four torus-shaped wave energy converters. Ocean Engineering, 2022, 259, 111810.	4.3	16
12	Vortex-induced vibrations of piggyback pipelines near the horizontal plane wall in the upper transition regime. Marine Structures, 2021, 75, 102872.	3.8	15
13	Flow around two elastically-mounted cylinders with different diameters in tandem and staggered configurations in the subcritical Reynolds number regime. Marine Structures, 2021, 76, 102893.	3.8	9
14	Modal Analysis of Wake Behind Stationary and Vibrating Cylinders. Journal of Offshore Mechanics and Arctic Engineering, 2021, 143, .	1.2	8
15	Numerical Investigation on the Cage-to-Cage Wake Effect: A Case Study of a 4 × 2 Cage Array. Journal of Offshore Mechanics and Arctic Engineering, 2021, 143, .	1.2	2
16	Numerical analysis on flow around a wall-mounted square structure using Dynamic Mode Decomposition. Ocean Engineering, 2021, 223, 108647.	4.3	14
17	An Approach to Determine Optimal Bow Configuration of Polar Ships under Combined Ice and Calm-Water Conditions. Journal of Marine Science and Engineering, 2021, 9, 680.	2.6	3
18	Discussion/comments on “Length scale for evaluating wave-induced pipeline scour” by N.-S. Cheng, M. Wei, P. Xu, R. Mao. Ocean Engineering, 2021, 230, 109024.	4.3	0

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19	An object-oriented method for fully coupled analysis of floating offshore wind turbines through mapping of aerodynamic coefficients. <i>Marine Structures</i> , 2021, 78, 102979.	3.8	14
20	An evaluation of different RANS turbulence models for simulating breaking waves past a vertical cylinder. <i>Ocean Engineering</i> , 2021, 234, 109195.	4.3	20
21	Numerical simulations of flow-induced vibrations of two rigidly coupled cylinders with uneven diameters in the upper transition Reynolds number regime. <i>Journal of Fluids and Structures</i> , 2021, 105, 103332.	3.4	7
22	Comparative study on two deployment methods for large subsea spools. <i>Ocean Engineering</i> , 2021, 233, 109202.	4.3	2
23	Three-dimensional numerical investigation on flow past two side-by-side curved cylinders. <i>Ocean Engineering</i> , 2021, 234, 109167.	4.3	3
24	Dynamic analysis of two-rotor wind turbine on spar-type floating platform. <i>Ocean Engineering</i> , 2021, 236, 109441.	4.3	13
25	Challenges and opportunities of marine propulsion with alternative fuels. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111397.	16.4	42
26	Effects of mooring line breakage on dynamic responses of grid moored fish farms under pure current conditions. <i>Ocean Engineering</i> , 2021, 237, 109638.	4.3	18
27	Numerical simulation of oxygen transport in land-based aquaculture tank. <i>Aquaculture</i> , 2021, 543, 736973.	3.5	11
28	Time Scale for Scour Beneath Pipelines Due to Long-Crested and Short-Crested Nonlinear Random Waves Plus Current. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 114.	2.6	2
29	Numerical Investigation of Scour Beneath Pipelines Subjected to an Oscillatory Flow Condition. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1102.	2.6	8
30	Baseline design of a subsea shuttle tanker system for liquid carbon dioxide transportation. <i>Ocean Engineering</i> , 2021, 240, 109891.	4.3	17
31	Numerical study on gap resonance coupled to vessel motions relevant to side-by-side offloading. <i>Ocean Engineering</i> , 2021, 241, 110045.	4.3	7
32	Numerical Simulations of Flow Around Wall-Mounted Square and Trapezoidal Structures at High Reynolds Numbers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2021, 143, .	1.2	3
33	Design Considerations of a Subsea Shuttle Tanker System for Liquid Carbon Dioxide Transportation. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2021, 143, .	1.2	21
34	CFD Investigation on Hydrodynamic Resistance of a Novel Subsea Shuttle Tanker. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1411.	2.6	5
35	Exploring of the Incompatibility of Marine Residual Fuel: A Case Study Using Machine Learning Methods. <i>Energies</i> , 2021, 14, 8422.	3.1	28
36	The effects of slab geometries and wave directions on the steep wave-induced soil response and liquefaction around gravity-based offshore foundations. <i>Ships and Offshore Structures</i> , 2020, 15, 866-877.	1.9	2

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37	A numerical toolbox for wave-induced seabed response analysis around marine structures in the OpenFOAM® framework. <i>Ocean Engineering</i> , 2020, 195, 106678.	4.3	26
38	CFD investigations of scour beneath a submarine pipeline with the effect of upward seepage. <i>Coastal Engineering</i> , 2020, 156, 103624.	4.0	26
39	Vortex-induced vibrations of two cylinders with different diameters close to a horizontal plane boundary at low Reynolds number. <i>Engineering Structures</i> , 2020, 204, 109893.	5.3	17
40	Splash zone lowering analysis of a large subsea spool piece. <i>Marine Structures</i> , 2020, 70, 102664.	3.8	15
41	Numerical investigation of wave-plus-current induced scour beneath two submarine pipelines in tandem. <i>Coastal Engineering</i> , 2020, 156, 103619.	4.0	38
42	On the wake flow behind a sphere in a pipe flow at low Reynolds numbers. <i>Physics of Fluids</i> , 2020, 32, 103605.	4.0	20
43	Influences of free surface jump conditions and different k SST turbulence models on breaking wave modelling. <i>Ocean Engineering</i> , 2020, 217, 107746.	4.3	32
44	The influence of terrain on the mean wind flow characteristics in a fjord. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 205, 104331.	3.9	15
45	Three-dimensional numerical investigation of laminar flow in blind-tee pipes. <i>Ocean Engineering</i> , 2020, 217, 107962.	4.3	14
46	Numerical simulations of flow around two tandem wall-mounted structures at high Reynolds numbers. <i>Applied Ocean Research</i> , 2020, 99, 102124.	4.1	7
47	Random Wave-Induced Momentary Liquefaction around Rubble Mound Breakwaters with Submerged Berms. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 338.	2.6	8
48	Numerical study on flow around partially buried two-dimensional ribs at high Reynolds numbers. <i>Ocean Engineering</i> , 2020, 198, 106988.	4.3	3
49	Numerical Analysis of the Effect of Offshore Turbulent Wind Inflow on the Response of a Spar Wind Turbine. <i>Energies</i> , 2020, 13, 2506.	3.1	9
50	Typical hydrodynamic models for aquaculture nets: A comparative study under pure current conditions. <i>Aquacultural Engineering</i> , 2020, 90, 102070.	3.1	44
51	Numerical Investigation of Vortex-Induced Vibrations of a Flexible Riser with Staggered Buoyancy Elements. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 905.	2.5	3
52	Numerical Simulation of Breaking Wave Loading on Standing Circular Cylinders with Different Transverse Inclined Angles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1347.	2.5	7
53	Numerical Study of a Single-Point Mooring Gravity Fish Cage With Different Deformation-Suppression Methods. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, .	1.2	5
54	Fatigue Damage Assessment to a Rigid Planar Jumper on Model Scale. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2020, 142, 011602.	1.2	2

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55	Assessment of Shallow Water Random Wave-Induced Scour at the Trunk Section of Breakwaters using Deep Water Wind and Wave Conditions. <i>Journal of Coastal Research</i> , 2020, 95, 289.	0.3	0
56	Large Eddy simulations of flow around tandem circular cylinders in the vicinity of a plane wall. <i>Journal of Marine Science and Technology</i> , 2019, 24, 338-358.	2.9	11
57	CFD Simulations of the Propagation of Free-Surface Waves Past Two Side-By-Side Fixed Squares with a Narrow Gap. <i>Energies</i> , 2019, 12, 2669.	3.1	4
58	Unsteady RANS Simulations of Flow around a Twin-Box Bridge Girder Cross Section. <i>Energies</i> , 2019, 12, 2670.	3.1	11
59	Design optimization of mooring system: An application to a vessel-shaped offshore fish farm. <i>Engineering Structures</i> , 2019, 197, 109363.	5.3	35
60	CFD simulations of violent breaking wave impacts on a vertical wall using a two-phase compressible solver. <i>Coastal Engineering</i> , 2019, 154, 103564.	4.0	27
61	On-Bottom Stability of Umbilicals and Power Cables for Offshore Wind Applications. <i>Energies</i> , 2019, 12, 3635.	3.1	1
62	Wake structures and vortex-induced forces of a controlled in-line vibrating circular cylinder. <i>Ocean Engineering</i> , 2019, 189, 106319.	4.3	4
63	Numerical Simulations of Breaking Waves and Steep Waves Past a Vertical Cylinder at Different Keulegan-Carpenter Numbers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	10
64	The role of submerged berms on the momentary liquefaction around conventional rubble mound breakwaters. <i>Applied Ocean Research</i> , 2019, 85, 1-11.	4.1	23
65	Numerical simulations of free-surface waves past two vertically aligned horizontal circular cylinders. <i>Ocean Engineering</i> , 2019, 172, 550-561.	4.3	7
66	Power performance and dynamic responses of a combined floating vertical axis wind turbine and wave energy converter concept. <i>Energy</i> , 2019, 171, 190-204.	8.8	46
67	Numerical Study on the Heading Misalignment and Current Velocity Reduction of a Vessel-Shaped Offshore Fish Farm. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	5
68	Numerical Investigation on Vortex-Induced Vibration caused by Vessel Motion for a Free Hanging Riser Under Small Keulegan-Carpenter Numbers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	3
69	Characteristics of higher-harmonic breaking wave forces and secondary load cycles on a single vertical circular cylinder at different Froude numbers. <i>Marine Structures</i> , 2019, 64, 54-77.	3.8	26
70	Prediction of Combined Inline and Crossflow Vortex-Induced Vibrations Response of Deepwater Risers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	2
71	Hydroelastic analysis on water entry of a constant-velocity wedge with stiffened panels. <i>Marine Structures</i> , 2019, 63, 215-238.	3.8	26
72	Numerical Investigation of Scour Around Subsea Pipelines Near the Seabed. , 2019, , .		0

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73	Experimental Study on the Hydrodynamic Characteristics of Artificial Reefs. , 2019, , .		0
74	OpenModelica Modelling of the Thruster in a Compact Subsea Work-Class Remotely Operated Vehicle. , 2019, , .		0
75	A Method to Calculate the Multi-Axial Fatigue of Subsea Rigid Jumper due to VIV. , 2019, , .		0
76	Numerical Study of a Single-Point Mooring Gravity Fish Cage With Different Deformation-Suppression Methods. , 2019, , .		0
77	Effects of Soil Profile Variation and Scour on Structural Response of an Offshore Monopile Wind Turbine. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	14
78	Numerical Analysis of a Vessel-Shaped Offshore Fish Farm. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	30
79	Numerical analysis of wave-induced poro-elastic seabed response around a hexagonal gravity-based offshore foundation. Coastal Engineering, 2018, 136, 81-95.	4.0	52
80	Large Eddy Simulations of flow around two circular cylinders in tandem in the vicinity of a plane wall at small gap ratios. Journal of Fluids and Structures, 2018, 76, 251-271.	3.4	18
81	Computational Fluid Dynamics Simulations of Regular and Irregular Waves Past a Horizontal Semi-Submerged Cylinder. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	5
82	The Effect of Fatigue Loading Spectrum on Crack Propagation in a Ship Detail. , 2018, , .		0
83	A Comparative Study of Fatigue Damage Assessment Methods to a Rigid Planar Jumper. , 2018, , .		1
84	CFD Simulations of Spilling Breaking Waves and Steep Waves Past a Monopile Structure at Different KC Numbers. , 2018, , .		0
85	Numerical Analysis of Steep Wave-Induced Seabed Response and Liquefaction Around Gravity-Based Offshore Foundations. , 2018, , .		0
86	Burial and Scour of Short Cylinders and Truncated Cones Due to Long-Crested and Short-Crested Nonlinear Random Waves Plus Currents. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	0
87	Predicting the Heading Misalignment of a Vessel-Shaped Offshore Fish Farm Under Waves and Currents. , 2018, , .		1
88	Assessment of performance enhancement of a semi-submersible vertical axis wind turbine with an optimized Darrieus rotor. Engineering Structures, 2018, 167, 227-240.	5.3	5
89	Numerical study on the water entry of curved wedges. Ships and Offshore Structures, 2018, 13, 885-898.	1.9	22
90	Influence of Linear Springing on the Fatigue Damage of Ultra Large Ore Carriers. Applied Sciences (Switzerland), 2018, 8, 763.	2.5	5

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91	Effects of Added Mass and Structural Damping on Dynamic Responses of a 3D Wedge Impacting on Water. Applied Sciences (Switzerland), 2018, 8, 802.	2.5	10
92	Spar-Type Vertical-Axis Wind Turbines in Moderate Water Depth: A Feasibility Study. Energies, 2018, 11, 555.	3.1	10
93	Experimental Study on Hydrodynamics of Hybrid Deep-V Monohull With Different Built-Up Appendages. , 2018, , .		0
94	Dynamic Responses of Jacket-Type Offshore Wind Turbines Using Decoupled and Coupled Models. Journal of Offshore Mechanics and Arctic Engineering, 2017, 139, .	1.2	8
95	Numerical simulation of flow around different wall-mounted structures. Ships and Offshore Structures, 2017, 12, 1109-1116.	1.9	9
96	Numerical Study of Seabed Boundary Layer Flow Around Monopile and Gravity-Based Wind Turbine Foundations. Journal of Offshore Mechanics and Arctic Engineering, 2017, 139, .	1.2	1
97	Experimental Investigation on Vortex-Induced Vibration of a Free-Hanging Riser Under Vessel Motion and Uniform Current. Journal of Offshore Mechanics and Arctic Engineering, 2017, 139, .	1.2	21
98	Damping Effect on the Wave Propagation in Carbon Steel Pipelines Under Fluid Hammer Conditions. Journal of Offshore Mechanics and Arctic Engineering, 2017, 139, .	1.2	6
99	A 3D Wave-Structure-Seabed Interaction Analysis of a Gravity-Based Wind Turbine Foundation. , 2017, , .		1
100	Numerical Simulations of Regular and Irregular Wave Forces on a Horizontal Semi-Submerged Cylinder. , 2017, , .		0
101	Prediction of Combined IL and CF VIV Response of Deepwater Risers. , 2017, , .		1
102	Numerical Investigation on Vessel Motion-Induced VIV for a Free Hanging Riser Under Small Keulegan-Carpenter Numbers. , 2017, , .		0
103	Random Wave-Induced Burial and Scour of Short Cylinders and Truncated Cones on Mild Slopes. , 2017, , .		0
104	A Preliminary Study of a Rigid Semi-Submersible Fish Farm for Open Seas. , 2017, , .		14
105	Large Eddy Simulations of Flow Past Two Pipelines in Tandem in Close Proximity to the Seabed. , 2017, , .		0
106	Numerical simulation of free-surface waves past two semi-submerged horizontal circular cylinders in tandem. Marine Structures, 2017, 52, 1-14.	3.8	33
107	A Preliminary Study of a Vessel-Shaped Offshore Fish Farm Concept. , 2017, , .		7
108	CFD applications in offshore engineering. EPJ Web of Conferences, 2017, 143, 01002.	0.3	1

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109	Structural Dynamic Analysis of Semi-Submersible Floating Vertical Axis Wind Turbines. <i>Energies</i> , 2016, 9, 1047.	3.1	9
110	Numerical Study of Seabed Boundary Layer Flow Around Monopile and Gravity-Based Wind Turbine Foundations. , 2016, , .		0
111	Prediction of Riser VIV With Staggered Buoyancy Elements. , 2016, , .		1
112	Experimental Investigation on Vortex-Induced Vibration of a Free-Hanging Riser Under Vessel Motion. , 2016, , .		1
113	A Comparison of Simplified Engineering and FEM Methods for On-Bottom Stability Analysis of Subsea Pipelines. , 2016, , .		0
114	Random Wave-Induced Onshore Scour Characteristics around Submerged Breakwaters on Mild Slopes. <i>Journal of Coastal Research</i> , 2016, 75, 103-107.	0.3	0
115	Large-eddy simulations of flow normal to a circular disk at $Re = 1.5 \times 10^5$. <i>Computers and Fluids</i> , 2016, 140, 422-434.	2.5	18
116	Burial and Scour of Short Cylinders and Truncated Cones due to Long-Crested and Short-Crested Nonlinear Random Waves Plus Currents. , 2016, , .		0
117	A numerical study of microburst-like wind load acting on different block array configurations using an impinging jet model. <i>Journal of Fluids and Structures</i> , 2016, 61, 184-204.	3.4	13
118	Large Eddy Simulations of flow around a circular cylinder close to a flat seabed. <i>Marine Structures</i> , 2016, 46, 127-148.	3.8	36
119	Scour around vertical piles due to random waves alone and random waves plus currents on mild slopes. <i>Ocean Systems Engineering</i> , 2016, 6, 161-189.	0.5	3
120	Random wave-induced current on mild slopes. <i>Ocean Modelling</i> , 2015, 96, 221-225.	2.4	4
121	Suspended sediments due to random waves including effects of second order wave asymmetry and boundary layer streaming. <i>Ocean Engineering</i> , 2015, 104, 414-421.	4.3	4
122	Large Eddy Simulations of Flow Around Tandem Cylinders Close to a Horizontal Wall. <i>International Journal of Offshore and Polar Engineering</i> , 2015, 25, 161-169.	0.8	3
123	Seepage effects on bedload sediment transport rate by random waves. <i>Ocean Engineering</i> , 2014, 82, 123-127.	4.3	7
124	Large Eddy Simulations of flow around a smooth circular cylinder in a uniform current in the subcritical flow regime. <i>Ocean Engineering</i> , 2014, 77, 61-73.	4.3	50
125	Large-eddy simulation of the flow normal to a flat plate including corner effects at a high Reynolds number. <i>Journal of Fluids and Structures</i> , 2014, 49, 149-169.	3.4	32
126	A rational approach to seepage flow effects on bottom friction beneath random waves. <i>Applied Ocean Research</i> , 2014, 47, 322-328.	4.1	8

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127	Dynamic Responses of a Jacket-Type Offshore Wind Turbine Using Decoupled and Coupled Models. , 2014, , .		1
128	Study of the flow around a cylinder from the subcritical to supercritical regimes. Ocean Systems Engineering, 2014, 4, 185-200.	0.5	1
129	Burial and scour of truncated cones due to long-crested and short-crested nonlinear random waves. Ocean Systems Engineering, 2014, 4, 21-37.	0.5	0
130	Scour around vertical piles due to long-crested and short-crested nonlinear random waves plus a current. Coastal Engineering, 2013, 73, 106-114.	4.0	29
131	Unsteady RANS simulations of flow around rectangular cylinders with different aspect ratios. Ocean Engineering, 2013, 58, 208-216.	4.3	49
132	Numerical Simulation of Flows Past Partially-Submerged Horizontal Circular Cylinders in Free Surface Waves. , 2013, , .		3
133	Scour Around Vertical Pile Foundations for Offshore Wind Turbines Due to Long-Crested and Short-Crested Nonlinear Random Waves. Journal of Offshore Mechanics and Arctic Engineering, 2013, 135, .	1.2	7
134	Effects of Sand-Clay Mixtures on Scour Around Vertical Piles Due to Long-Crested and Short-Crested Nonlinear Random Waves. Journal of Offshore Mechanics and Arctic Engineering, 2013, 135, .	1.2	5
135	Discussion of "Suction Removal of Sediment from between Armor Blocks. III: Breaking Waves" by Anders Wedel Nielsen, B. Mutlu Sumer, and JÅrgen FredsÅe. Journal of Hydraulic Engineering, 2013, 139, 919-920.	1.5	1
136	Dynamic Analysis of Offshore Monopile Wind Turbine Including the Effects of Wind-Wave Loading and Soil Properties. , 2013, , .		7
137	Large Eddy Simulations of Three-Dimensional Flow Around a Pipeline in a Uniform Current. , 2012, , .		3
138	Dynamic Analysis of Offshore Monopile Wind Turbine Including the Effect of Scour. , 2012, , .		0
139	Unsteady RANS Simulation of Flow Around a 5:1 Rectangular Cylinder at High Reynolds Numbers. , 2012, , .		1
140	Three-Dimensional Effects of the Flow Normal to a Flat Plate at a High Reynolds Number. , 2012, , .		1
141	Near-Bed Flow Mechanisms Around a Circular Marine Pipeline Close to a Flat Seabed in the Subcritical Flow Regime Using a k-É Model. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	12
142	Numerical simulation of suspended particles around a circular cylinder close to a plane wall in the upper-transition flow regime. Coastal Engineering, 2012, 61, 1-7.	4.0	9
143	Scour around spherical bodies due to long-crested and short-crested nonlinear random waves. Ocean Systems Engineering, 2012, 2, 257-269.	0.5	3
144	Scour Around Vertical Pile Foundations for Offshore Wind Turbines due to Long-Crested and Short-Crested Nonlinear Random Waves. , 2011, , .		1

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145	Two-Dimensional Numerical Simulation of Flow Around Rectangular Structures With Different Aspect Ratios. , 2011, , .		2
146	Numerical Computation of Suspended Sediment Around a Marine Pipeline Close to the Flat Seabed. , 2011, , .		0
147	Random wave-induced onshore scour characteristics around submerged breakwaters using a stochastic method. Ocean Engineering, 2010, 37, 1233-1238.	4.3	11
148	Numerical simulation of flow around a circular cylinder close to a flat seabed at high Reynolds numbers using a k-ε model. Coastal Engineering, 2010, 57, 931-947.	4.0	60
149	Effect of Wave Age on Wind Gust Spectra Over Wind Waves. Journal of Offshore Mechanics and Arctic Engineering, 2009, 131, .	1.2	4
150	Burial and scour of short cylinders under combined random waves and currents including effects of second order wave asymmetry. Coastal Engineering, 2009, 56, 73-81.	4.0	10
151	Scour below pipelines and around vertical piles due to second-order random waves plus a current. Ocean Engineering, 2009, 36, 605-616.	4.3	34
152	Numerical simulation of flow around a smooth circular cylinder at very high Reynolds numbers. Marine Structures, 2009, 22, 142-153.	3.8	92
153	Nonlinear random wave-induced drag force on a vegetation field. Coastal Engineering, 2009, 56, 371-376.	4.0	18
154	Random wave-induced scour at the trunk section of a breakwater. Coastal Engineering, 2009, 56, 688-692.	4.0	12
155	NUMERICAL SIMULATION OF FLOW AROUND A MARINE PIPELINE CLOSE TO THE SEABED. , 2009, , .		2
156	Scour below marine pipelines in shoaling conditions for random waves. Coastal Engineering, 2008, 55, 1219-1223.	4.0	16
157	Simulating Ship Maneuvers in Deep and Coastal Waters. Journal of Ship Research, 2007, 51, 204-216.	1.1	3
158	Flow Structure and Sediment Motion around Submerged Vanes in Open Channel. Journal of Waterway, Port, Coastal and Ocean Engineering, 2005, 131, 132-136.	1.2	38
159	Three-dimensional numerical simulations and proper orthogonal decomposition analysis of flow over different bottom-mounted ribs. Ships and Offshore Structures, 0, , 1-36.	1.9	2