

Il-Hyoung Cho

List of Publications by Year in descending order

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papers

183
citations

1478505

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26
all docs

26
docs citations

26
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Proper Position of Wave Gauges by Analyzing Wave Field around a Wave Energy Converter. Journal of the Korean Society for Marine Environment & Energy, 2021, 24, 9-19.	0.2	0
2	Effect of Internal Fluid Resonance on the Performance of a Floating OWC Device. Journal of Ocean Engineering and Technology, 2021, 35, 216-228.	1.2	5
3	Optimal Design of a U-Shaped Oscillating Water Column Device Using an Artificial Neural Network Model. Processes, 2021, 9, 1338.	2.8	11
4	Response of wave energy to tidal currents in the western sea of Jeju Island, Korea. Renewable Energy, 2021, 172, 564-573.	8.9	5
5	Numerical and Experimental Analyses on Motion Responses on Heaving Point Absorbers Connected to Large Semi-Submersibles. Processes, 2021, 9, 1363.	2.8	3
6	Mitigation of liquid sloshing in a rectangular tank due to slotted porous screen. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2020, 234, 686-698.	0.5	5
7	A Study of the Hydrodynamic Performance of a Pitch-type Wave Energy Converter“Rotor. Energies, 2019, 12, 842.	3.1	18
8	Estimation of Annual Energy Production of a Horizontal Cylinder Wave Energy Converter by Time-domain Analysis. Journal of the Korean Society for Marine Environment & Energy, 2019, 22, 151-158.	0.2	1
9	Motion Reduction of Rectangular Pontoon Using Sloshing Liquid Damper. Journal of Ocean Engineering and Technology, 2019, 33, 106-115.	1.2	0
10	Wave Energy Extraction of Multiple Wave Energy Converters Arrayed in a Water Channel Resonator. Journal of the Korean Society for Marine Environment & Energy, 2019, 22, 236-245.	0.2	1
11	Time-domain Analysis of Horizontal Cylinder Wave Energy Converter with Off-centered Rotational Axis. Journal of the Korean Society for Marine Environment & Energy, 2018, 21, 97-106.	0.2	2
12	Sloshing Damping in a Swaying Rectangular Tank Using a Porous Bulkhead. Journal of Ocean Engineering and Technology, 2018, 32, 228-236.	1.2	0
13	Design and analysis of tubular permanent magnet linear generator for small-scale wave energy converter. AIP Advances, 2017, 7, .	1.3	10
14	Performance Analysis of Wave Energy Converter Using a Submerged Pendulum Plate. Journal of the Korean Society for Marine Environment & Energy, 2017, 20, 91-99.	0.2	1
15	Survey of Seafloor at Chagwi-do of Jeju Island to Select 60-m-class Sea Test Bed of Wave Energy Converter. Journal of Ocean Engineering and Technology, 2017, 31, 308-314.	1.2	1
16	Heave motion response of a circular cylinder with the dual damping plates. Ocean Engineering, 2016, 125, 95-102.	4.3	28
17	Transmission coefficients of a floating rectangular breakwater with porous side plates. International Journal of Naval Architecture and Ocean Engineering, 2016, 8, 53-65.	2.3	44
18	Interaction Analysis on Deployment of Multiple Wave Energy Converters in a Floating Hybrid Power Generation Platform. Journal of the Korean Society for Marine Environment & Energy, 2016, 19, 185-193.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Survey of Sedimentary Environment and Sediment at the West-Northern Site of Chagwi-do nearby Jeju Island. Journal of the Korean Society for Marine Environment & Energy, 2016, 19, 137-143.	0.2	1
20	Diffraction and Radiation of Waves by Array of Multiple Buoys. Journal of Ocean Engineering and Technology, 2016, 30, 151-160.	1.2	3
21	Multi-objective optimum design of a buoy for the resonant-type wave energy converter. Journal of Marine Science and Technology, 2015, 20, 53-63.	2.9	22
22	Sloshing Analysis in Rectangular Tank with Porous Baffle. Journal of Ocean Engineering and Technology, 2015, 29, 1-8.	1.2	5
23	Experimental Study on Sloshing in Rectangular Tank with Vertical Porous Baffle. Journal of Ocean Engineering and Technology, 2015, 29, 291-299.	1.2	4
24	Power Estimation and Optimum Design of a Buoy for the Resonant Type Wave Energy Converter Using Approximation Scheme. Journal of Ocean Engineering and Technology, 2013, 27, 85-92.	1.2	2
25	Characteristics of Heaving Motion of Hollow Circular Cylinder. Journal of Ocean Engineering and Technology, 2013, 27, 43-50.	1.2	5
26	DYNAMIC MODELING AND STRUCTURAL ANALYSIS OF MANTA-TYPE UUV. International Journal of Modern Physics B, 2011, 25, 4319-4322.	2.0	2