

Il-Hyoung Cho

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

183
citations

1478505

6
h-index

1125743

13
g-index

26
all docs

26
docs citations

26
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission coefficients of a floating rectangular breakwater with porous side plates. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2016, 8, 53-65.	2.3	44
2	Heave motion response of a circular cylinder with the dual damping plates. <i>Ocean Engineering</i> , 2016, 125, 95-102.	4.3	28
3	Multi-objective optimum design of a buoy for the resonant-type wave energy converter. <i>Journal of Marine Science and Technology</i> , 2015, 20, 53-63.	2.9	22
4	A Study of the Hydrodynamic Performance of a Pitch-type Wave Energy Converterâ€“Rotor. <i>Energies</i> , 2019, 12, 842.	3.1	18
5	Optimal Design of a U-Shaped Oscillating Water Column Device Using an Artificial Neural Network Model. <i>Processes</i> , 2021, 9, 1338.	2.8	11
6	Design and analysis of tubular permanent magnet linear generator for small-scale wave energy converter. <i>AIP Advances</i> , 2017, 7, .	1.3	10
7	Mitigation of liquid sloshing in a rectangular tank due to slotted porous screen. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2020, 234, 686-698.	0.5	5
8	Effect of Internal Fluid Resonance on the Performance of a Floating OWC Device. <i>Journal of Ocean Engineering and Technology</i> , 2021, 35, 216-228.	1.2	5
9	Response of wave energy to tidal currents in the western sea of Jeju Island, Korea. <i>Renewable Energy</i> , 2021, 172, 564-573.	8.9	5
10	Characteristics of Heaving Motion of Hollow Circular Cylinder. <i>Journal of Ocean Engineering and Technology</i> , 2013, 27, 43-50.	1.2	5
11	Sloshing Analysis in Rectangular Tank with Porous Baffle. <i>Journal of Ocean Engineering and Technology</i> , 2015, 29, 1-8.	1.2	5
12	Experimental Study on Sloshing in Rectangular Tank with Vertical Porous Baffle. <i>Journal of Ocean Engineering and Technology</i> , 2015, 29, 291-299.	1.2	4
13	Interaction Analysis on Deployment of Multiple Wave Energy Converters in a Floating Hybrid Power Generation Platform. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2016, 19, 185-193.	0.2	4
14	Numerical and Experimental Analyses on Motion Responses on Heaving Point Absorbers Connected to Large Semi-Submersibles. <i>Processes</i> , 2021, 9, 1363.	2.8	3
15	Diffraction and Radiation of Waves by Array of Multiple Buoys. <i>Journal of Ocean Engineering and Technology</i> , 2016, 30, 151-160.	1.2	3
16	DYNAMIC MODELING AND STRUCTURAL ANALYSIS OF MANTA-TYPE UUV. <i>International Journal of Modern Physics B</i> , 2011, 25, 4319-4322.	2.0	2
17	Power Estimation and Optimum Design of a Buoy for the Resonant Type Wave Energy Converter Using Approximation Scheme. <i>Journal of Ocean Engineering and Technology</i> , 2013, 27, 85-92.	1.2	2
18	Time-domain Analysis of Horizontal Cylinder Wave Energy Converter with Off-centered Rotational Axis. <i>Journal of the Korean Society for Marine Environment & Energy</i> , 2018, 21, 97-106.	0.2	2

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	Sloshing Damping in a Swaying Rectangular Tank Using a Porous Bulkhead. Journal of Ocean Engineering and Technology, 2018, 32, 228-236.	1.2	0
26	Motion Reduction of Rectangular Pontoon Using Sloshing Liquid Damper. Journal of Ocean Engineering and Technology, 2019, 33, 106-115.	1.2	0