

Rong-Quan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

590
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation of hydrodynamics of a fixed OWC Wave Energy Converter. Applied Energy, 2016, 168, 636-648.	10.1	197
2	Nonlinear and viscous effects on the hydrodynamic performance of a fixed OWC wave energy converter. Coastal Engineering, 2018, 131, 42-50.	4.0	82
3	Experimental investigation of a land-based dual-chamber OWC wave energy converter. Renewable and Sustainable Energy Reviews, 2019, 105, 48-60.	16.4	79
4	Numerical and experimental investigation of wave dynamics on a land-fixed OWC device. Energy, 2016, 115, 326-337.	8.8	51
5	Numerical Simulation of a Dual-Chamber Oscillating Water Column Wave Energy Converter. Sustainability, 2017, 9, 1599.	3.2	43
6	Dynamic analysis of wave action on an OWC wave energy converter under the influence of viscosity. Renewable Energy, 2020, 150, 578-588.	8.9	33
7	Geometrical investigation of a U-shaped oscillating water column wave energy device. Applied Ocean Research, 2020, 97, 102105.	4.1	26
8	Extreme wave run-up and pressure on a vertical seawall. Applied Ocean Research, 2017, 67, 188-200.	4.1	24
9	Wave loads on a land-based dual-chamber Oscillating Water Column wave energy device. Coastal Engineering, 2020, 160, 103744.	4.0	24
10	Hydrodynamics of an oscillating water column WEC - Breakwater integrated system with a pitching front-wall. Renewable Energy, 2021, 176, 67-80.	8.9	17
11	The wave absorption efficiency of multi-layer vertical perforated thin plates. Journal of Hydrodynamics, 2018, 30, 898-907.	3.2	7
12	Hydrodynamic Investigation on a Land-Fixed OWC Wave Energy Device under Irregular Waves. Applied Sciences (Switzerland), 2022, 12, 2855.	2.5	6
13	Theoretical investigation on an oscillating buoy WECâ€floating breakwater integrated system. IET Renewable Power Generation, 2021, 15, 3472.	3.1	1
14	Performance Analysis for Grid Plate Wave Absorbing Device. , 2016, , .		0