

Kelley M Ruehl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5926840/publications.pdf>

Version: 2024-02-01

17
papers

268
citations

1684188

5
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of a Wave Energy Oscillating Water Column as a Point Absorber Using WEC-Sim. IEEE Transactions on Sustainable Energy, 2020, 11, 851-858.	8.8	5
2	Experimental and numerical comparisons of a dual-flap floating oscillating surge wave energy converter in regular waves. Ocean Engineering, 2020, 196, 106575.	4.3	21
3	Comparison of Numerical Methods for Modeling the Wave Field Effects Generated by Individual Wave Energy Converters and Multiple Converter Wave Farms. Journal of Marine Science and Engineering, 2020, 8, 168.	2.6	5
4	Computational modelling and experimental tank testing of the multi float WaveSub under regular wave forcing. Renewable Energy, 2020, 152, 892-909.	8.9	17
5	Ocean Energy Systems Wave Energy Modelling Task: Modelling, Verification and Validation of Wave Energy Converters. Journal of Marine Science and Engineering, 2019, 7, 379.	2.6	30
6	Numerical Model Development and Validation for the WECCOMP Control Competition. , 2018, , .		9
7	Integrated System Design for a Large Wind Turbine Supported on a Moored Semi-Submersible Platform. Journal of Marine Science and Engineering, 2018, 6, 9.	2.6	20
8	Development of control-Sim: Control strategies for power take-off integrated wave energy converter. , 2017, , .		3
9	WEC-Sim Phase 1 Validation Testing: Numerical Modeling of Experiments. , 2016, , .		4
10	WEC-Sim Phase 1 Validation Testing: Experimental Setup and Initial Results. , 2016, , .		3
11	Numerical modeling of the effects of wave energy converter characteristics on nearshore wave conditions. Renewable Energy, 2016, 89, 636-648.	8.9	46
12	Development of PTO-Sim: A Power Performance Module for the Open-Source Wave Energy Converter Code WEC-Sim. , 2015, , .		9
13	Implementing Nonlinear Buoyancy and Excitation Forces in the WEC-Sim Wave Energy Converter Modeling Tool. , 2014, , .		20
14	Preliminary Verification and Validation of WEC-Sim, an Open-Source Wave Energy Converter Design Tool. , 2014, , .		34
15	Wave Energy Development Roadmap: Design to commercialization. , 2012, , .		19
16	Wave energy: a Pacific perspective. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 481-501.	3.4	4
17	Large-scale ocean wave energy plant modeling. , 2010, , .		19