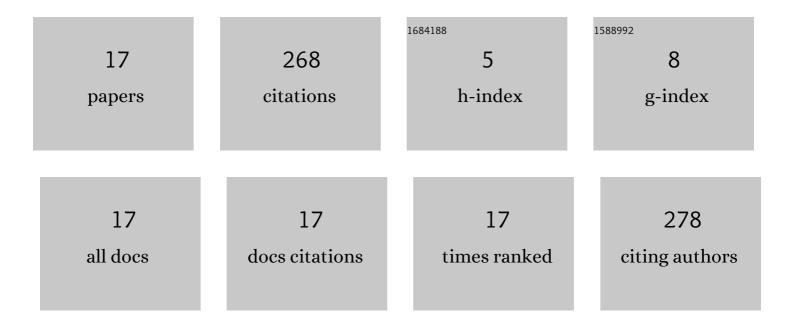
Kelley M Ruehl

List of Publications by Year in descending order

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Κείιεν Μ. Ριιεμι

#	Article	IF	CITATIONS
1	Numerical modeling of the effects of wave energy converter characteristics on nearshore wave conditions. Renewable Energy, 2016, 89, 636-648.	8.9	46
2	Preliminary Verification and Validation of WEC-Sim, an Open-Source Wave Energy Converter Design Tool. , 2014, , .		34
3	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
4	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
5	Implementing Nonlinear Buoyancy and Excitation Forces in the WEC-Sim Wave Energy Converter Modeling Tool. , 2014, , .		20
6	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
7	Large-scale ocean wave energy plant modeling. , 2010, , .		19
8	Wave Energy Development Roadmap: Design to commercialization. , 2012, , .		19
9	Computational modelling and experimental tank testing of the multi float WaveSub under regular wave forcing. Renewable Energy, 2020, 152, 892-909.	8.9	17
10	Development of PTO-Sim: A Power Performance Module for the Open-Source Wave Energy Converter Code WEC-Sim. , 2015, , .		9
11	Numerical Model Development and Validation for the WECCCOMP Control Competition. , 2018, , .		9
12	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
13	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
14	Wave energy: a Pacific perspective. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 481-501.	3.4	4
15	WEC-Sim Phase 1 Validation Testing: Numerical Modeling of Experiments. , 2016, , .		4
16	WEC-Sim Phase 1 Validation Testing: Experimental Setup and Initial Results. , 2016, , .		3
17	Development of control-Sim: Control strategies for power take-off integrated wave energy converter. , 2017, , .		3