

Stephanie Ordoñez-Sanchez

List of Publications by Year in descending order

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17
papers

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citations

840776

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docs citations

17
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of a Horizontal-Axis Tidal Turbine Performance in the Presence of Regular and Irregular Waves Using Two Control Strategies. <i>Energies</i> , 2019, 12, 367.	3.1	33
2	Energy Yield Assessment from Ocean Currents in the Insular Shelf of Cozumel Island. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 147.	2.6	27
3	Design of a Horizontal Axis Tidal Turbine for Less Energetic Current Velocity Profiles. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 197.	2.6	22
4	MaRINET2 Tidal Energy Round Robin Tests Performance Comparison of a Horizontal Axis Turbine Subjected to Combined Wave and Current Conditions. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 463.	2.6	21
5	Experimental optimisation of power for large arrays of cross-flow tidal turbines. <i>Renewable Energy</i> , 2018, 116, 685-696.	8.9	17
6	Experimental and CFD analysis of the wake characteristics of tidal turbines. <i>International Journal of Marine Energy</i> , 2016, 16, 209-219.	1.8	16
7	The development, design and characterisation of a scale model Horizontal Axis Tidal Turbine for dynamic load quantification. <i>Renewable Energy</i> , 2020, 156, 913-930.	8.9	16
8	Flume testing of passively adaptive composite tidal turbine blades under combined wave and current loading. <i>Journal of Fluids and Structures</i> , 2020, 93, 102825.	3.4	15
9	Towing tank testing of passively adaptive composite tidal turbine blades and comparison to design tool. <i>Renewable Energy</i> , 2018, 116, 202-214.	8.9	14
10	Analysis of the effects of control strategies and wave climates on the loading and performance of a laboratory scale horizontal axis tidal turbine. <i>Ocean Engineering</i> , 2020, 212, 107713.	4.3	14
11	Tidal Energy Round Robin Tests: A Comparison of Flow Measurements and Turbine Loading. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 425.	2.6	11
12	Validation of the dynamic load characteristics on a Tidal Stream Turbine when subjected to wave and current interaction. <i>Ocean Engineering</i> , 2021, 222, 108360.	4.3	10
13	Experimental evaluation of the wake characteristics of cross flow turbine arrays. <i>Ocean Engineering</i> , 2017, 141, 215-226.	4.3	9
14	A detailed study of tidal turbine power production and dynamic loading under grid generated turbulence and turbine wake operation. <i>Renewable Energy</i> , 2021, 169, 1422-1439.	8.9	9
15	A Hybrid BEM-CFD Virtual Blade Model to Predict Interactions between Tidal Stream Turbines under Wave Conditions. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 969.	2.6	8
16	A Phenomenological Study of Lab-Scale Tidal Turbine Loading under Combined Irregular Wave and Shear Flow Conditions. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 593.	2.6	7
17	Numerical models to predict the performance of tidal stream turbines working under off-design conditions. <i>Ocean Engineering</i> , 2019, 181, 198-211.	4.3	5