Gregorio Iglesias

List of Publications by Year
in descending order

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204	8,585	31949 53	60583 81
papers	citations	h-index	g-index

225	225	225	3128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of combined wave and offshore wind energy. Renewable and Sustainable Energy Reviews, 2015, 42, 141-153.	8.2	449
2	The economics of wave energy: A review. Renewable and Sustainable Energy Reviews, 2015, 45, 397-408.	8.2	331
3	Optimisation of turbine-induced damping for an OWC wave energy converter using a RANSâ€“VOF numerical model. Applied Energy, 2014, 127, 105-114.	5.1	199
4	Wave energy potential in Galicia (NW Spain). Renewable Energy, 2009, 34, 2323-2333.	4.3	195
5	A review of Very Large Floating Structures (VLFS) for coastal and offshore uses. Ocean Engineering, 2015, 109, 677-690.	1.9	165
6	Wave energy potential along the Death Coast (Spain). Energy, 2009, 34, 1963-1975.	4.5	158
7	Numerical model evaluation of tidal stream energy resources in the RÃa de Muros (NW Spain). Renewable Energy, 2009, 34, 1517-1524.	4.3	153
8	Wave energy resource in the Estaca de Bares area (Spain). Renewable Energy, 2010, 35, 1574-1584.	4.3	142
9	Offshore and inshore wave energy assessment: Asturias (N Spain). Energy, 2010, 35, 1964-1972.	4.5	141
10	Wave energy and nearshore hot spots: The case of the SE Bay of Biscay. Renewable Energy, 2010, 35, 2490-2500.	4.3	130
11	Wave resource in El Hierroâ€"an island towards energy self-sufficiency. Renewable Energy, 2011, 36, 689-698.	4.3	128
12	A methodology to determine the power performance of wave energy converters at a particular coastal location. Energy Conversion and Management, 2012, 61, 8-18.	4.4	124
13	Wave power extraction from multiple oscillating water columns along a straight coast. Journal of Fluid Mechanics, 2019, 878, 445-480.	1.4	119
14	The new wave energy converter WaveCat: Concept and laboratory tests. Marine Structures, 2012, 29, 58-70.	1.6	115
15	Wave farm impact based on realistic wave-WEC interaction. Energy, 2013, 51, 216-229.	4.5	109
16	Choosing the site for the first wave farm in a region: A case study in the Galician Southwest (Spain). Energy, 2011, 36, 5525-5531.	4.5	104
17	Wave farm impact on the beach profile: A case study. Coastal Engineering, 2014, 86, 36-44.	1.7	102
18	Performance of OWC wave energy converters: influence of turbine damping and tidal variability. International Journal of Energy Research, 2015, 39, 472-483.	2.2	100

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19	Evaluation and comparison of the levelized cost of tidal, wave, and offshore wind energy. Journal of Renewable and Sustainable Energy, 2015, 7, .	0.8	94
20	Assessment of renewable energy resources in Iran; with a focus on wave and tidal energy. Renewable and Sustainable Energy Reviews, 2018, 81, 2992-3005.	8.2	86
21	Coast/breakwater-integrated OWC: A theoretical model. Marine Structures, 2019, 66, 121-135.	1.6	86
22	Hydrodynamic performance of a pile-supported OWC breakwater: An analytical study. Applied Ocean Research, 2019, 88, 326-340.	1.8	84
23	Assessing the optimal location for a shoreline wave energy converter. Applied Energy, 2014, 132, 404-411.	5.1	83
24	Output power smoothing and reduced downtime period by combined wind and wave energy farms. Energy, 2016, 97, 69-81.	4.5	83
25	Coastal defence through wave farms. Coastal Engineering, 2014, 91, 299-307.	1.7	81
26	Wave and offshore wind potential for the island of Tenerife. Energy Conversion and Management, 2013, 76, 738-745.	4.4	80
27	Assessment of the impacts of tidal stream energy through high-resolution numerical modeling. Energy, 2013, 61, 541-554.	4.5	79
28	Wave power for La Isla Bonita. Energy, 2010, 35, 5013-5021.	4.5	78
29	Co-located wave-wind farms: Economic assessment as a function of layout. Renewable Energy, 2015, 83, 837-849.	4.3	75
30	Design catalogue for eco-engineering of coastal artificial structures: a multifunctional approach for stakeholders and end-users. Urban Ecosystems, 2020, 23, 431-443.	1.1	75
31	Efficiency of OWC wave energy converters: A virtual laboratory. Applied Ocean Research, 2014, 44, 63-70.	1.8	73
32	Co-located wind-wave farm synergies (Operation & Maintenance): A case study. Energy Conversion and Management, 2015, 91, 63-75.	4.4	72
33	Performance assessment of Tidal Stream Turbines: A parametric approach. Energy Conversion and Management, 2013, 69, 49-57.	4.4	71
34	On the wave energy resource of Peru. Energy Conversion and Management, 2015, 90, 34-40.	4.4	70
35	Combined Floating Offshore Wind and Solar PV. Journal of Marine Science and Engineering, 2020, 8, 576.	1.2	70
36	Hydrodynamic performance of an oscillating water column wave energy converter by means of particle imaging velocimetry. Energy, 2015, 83, 89-103.	4.5	68

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37	Holistic performance analysis and turbine-induced damping for an OWC wave energy converter. Renewable Energy, 2016, 85, 1155-1163.	4.3	68
38	A port towards energy self-sufficiency using tidal stream power. Energy, 2014, 71, 432-444.	4.5	66
39	Hydrodynamic response of the WEC sub-system of a novel hybrid wind-wave energy converter. Energy Conversion and Management, 2018, 171, 307-325.	4.4	65
40	A proposed wave farm on the Galician coast. Energy Conversion and Management, 2015, 99, 102-111.	4.4	64
41	Enhancing Wave Energy Competitiveness through Co-Located Wind and Wave Energy Farms. A Review on the Shadow Effect. Energies, 2015, 8, 7344-7366.	1.6	63
42	Mapping of the levelised cost of energy for floating offshore wind in the European Atlantic. Renewable and Sustainable Energy Reviews, 2022, 154, 111889.	8.2	63
43	Improving wind farm accessibility for operation & maintenance through a co-located wave farm: Influence of layout and wave climate. Energy Conversion and Management, 2015, 95, 229-241.	4.4	62
44	Coastal defence using wave farms: The role of farm-to-coast distance. Renewable Energy, 2015, 75, 572-582.	4.3	61
45	The intra-annual variability in the performance of wave energy converters: A comparative study in N Galicia (Spain). Energy, 2015, 82, 138-146.	4.5	60
46	Wave farm impact: The role of farm-to-coast distance. Renewable Energy, 2014, 69, 375-385.	4.3	59
47	Wave and offshore wind energy on an island. Energy for Sustainable Development, 2014, 22, 57-65.	2.0	59
48	Towards the optimal design of a co-located wind-wave farm. Energy, 2015, 84, 15-24.	4.5	59
49	Monopile-mounted wave energy converter for a hybrid wind-wave system. Energy Conversion and Management, 2019, 199, 111971.	4.4	59
50	The TSE index â€“ A new tool for selecting tidal stream sites in depth-limited regions. Renewable Energy, 2012, 48, 350-357.	4.3	57
51	Potentials of a hybrid offshore farm for the island of Fuerteventura. Energy Conversion and Management, 2014, 86, 300-308.	4.4	56
52	Selecting optimum locations for co-located wave and wind energy farms. Part I: The Co-Location Feasibility index. Energy Conversion and Management, 2016, 122, 589-598.	4.4	55
53	Selecting optimum locations for co-located wave and wind energy farms. Part II: A case study. Energy Conversion and Management, 2016, 122, 599-608.	4.4	54
54	Wave energy vs. other energy sources: A reassessment of the economics. International Journal of Green Energy, 2016, 13, 747-755.	2.1	54

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55	LCOE (levelised cost of energy) mapping: A new geospatial tool for tidal stream energy. Energy, 2015, 91, 192-201.	4.5	53
56	Complexity and Project Management: A General Overview. Complexity, 2018, 2018, 1-10.	0.9	53
57	Power extraction in regular and random waves from an OWC in hybrid wind-wave energy systems. Ocean Engineering, 2019, 191, 106519.	1.9	52
58	Long wave effects on a vessel at berth. Applied Ocean Research, 2014, 47, 63-72.	1.8	51
59	Wave energy status in Asia. Ocean Engineering, 2018, 169, 344-358.	1.9	51
60	A Novel Hybrid Wind-Wave Energy Converter for Jacket-Frame Substructures. Energies, 2018, 11, 637.	1.6	51
61	Tidal stream energy impact on the transient and residual flow in an estuary: A 3D analysis. Applied Energy, 2014, 116, 167-177.	5.1	50
62	A high resolution geospatial database for wave energy exploitation. Energy, 2014, 68, 572-583.	4.5	48
63	Tidal stream energy impacts on estuarine circulation. Energy Conversion and Management, 2014, 80, 137-149.	4.4	47
64	Performance of artificial neural networks in nearshore wave power prediction. Applied Soft Computing Journal, 2014, 23, 194-201.	4.1	46
65	Dual wave farms for energy production and coastal protection. Ocean and Coastal Management, 2018, 160, 18-29.	2.0	46
66	Long period oscillations and tidal level in the Port of Ferrol. Applied Ocean Research, 2012, 38, 126-134.	1.8	45
67	Non-dimensional analysis for matching an impulse turbine to an OWC (oscillating water column) with an optimum energy transfer. Energy, 2015, 87, 481-489.	4.5	45
68	Wave farm impact on beach modal state. Marine Geology, 2015, 361, 126-135.	0.9	44
69	Water-wave interaction with submerged porous elastic disks. Physics of Fluids, 2020, 32, .	1.6	44
70	Sensitivity of OWC performance to air compressibility. Renewable Energy, 2020, 145, 1334-1347.	4.3	43
71	Intra-annual wave resource characterization for energy exploitation: A new decision-aid tool. Energy Conversion and Management, 2015, 93, 1-8.	4.4	42
72	Wave scattering by a floating porous elastic plate of arbitrary shape: A semi-analytical study. Journal of Fluids and Structures, 2020, 92, 102827.	1.5	42

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73	Residual circulation in the RÃa de Muros (NW Spain): A 3D numerical model study. Journal of Marine Systems, 2009, 75, 116-130.	0.9	41
74	Hydroelastic interaction between water waves and an array of circular floating porous elastic plates. Journal of Fluid Mechanics, 2020, 900, .	1.4	41
75	Wind resource evolution in Europe under different scenarios of climate change characterised by the novel Shared Socioeconomic Pathways. Energy Conversion and Management, 2021, 234, 113961.	4.4	40
76	Seasonality of the circulation in the RÃa de Muros (NW Spain). Journal of Marine Systems, 2009, 78, 94-108.	0.9	39
77	A wave farm for an island: Detailed effects on the nearshore wave climate. Energy, 2014, 69, 801-812.	4.5	38
78	Capital costs in tidal stream energy projects â€" A spatial approach. Energy, 2016, 107, 215-226.	4.5	38
79	Wave farm effects on the coast: The alongshore position. Science of the Total Environment, 2018, 640-641, 1176-1186.	3.9	38
80	Wave exploitability index and wave resource classification. Renewable and Sustainable Energy Reviews, 2020, 134, 110393.	8.2	38
81	Climate change impacts on wind energy resources in North America based on the CMIP6 projections. Science of the Total Environment, 2022, 806, 150580.	3.9	38
82	Floating boom performance under waves and currents. Journal of Hazardous Materials, 2010, 174, 226-235.	6.5	37
83	Energy production from tidal currents in an estuary: A comparative study of floating and bottom-fixed turbines. Energy, 2014, 77, 802-811.	4.5	37
84	Waveâ€"structure interaction in hybrid wave farms. Journal of Fluids and Structures, 2018, 83, 386-412.	1.5	37
85	Neural network modelling of planform geometry of headland-bay beaches. Geomorphology, 2009, 103, 577-587.	1.1	36
86	Artificial Intelligence for estimating infragravity energy in a harbour. Ocean Engineering, 2013, 57, 56-63.	1.9	36
87	Wave power extraction from a tubular structure integrated oscillating water column. Renewable Energy, 2020, 150, 342-355.	4.3	36
88	Dual wave farms and coastline dynamics: The role of inter-device spacing. Science of the Total Environment, 2019, 646, 1241-1252.	3.9	35
89	Sea level rise will change estuarine tidal energy: A review. Renewable and Sustainable Energy Reviews, 2022, 156, 111855.	8.2	34
90	Preface to Special Topic: Marine Renewable Energy. Journal of Renewable and Sustainable Energy, 2015, 7, .	0.8	33

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91	Protection of gravel-dominated coasts through wave farms: Layout and shoreline evolution. Science of the Total Environment, 2018, 636, 1541-1552.	3.9	33
92	Wave farm impacts on coastal flooding under sea-level rise: A case study in southern Spain. Science of the Total Environment, 2019, 653, 1522-1531.	3.9	33
93	Hydrodynamic performance of a multi-Oscillating Water Column (OWC) platform. Applied Ocean Research, 2020, 99, 102168.	1.8	33
94	Artificial neural networks applied to port operability assessment. Ocean Engineering, 2015, 109, 298-308.	1.9	32
95	Wave power extraction from a hybrid oscillating water column-oscillating buoy wave energy converter. Renewable and Sustainable Energy Reviews, 2021, 135, 110234.	8.2	32
96	Floating vs. bottom-fixed turbines for tidal stream energy: A comparative impact assessment. Energy, 2014, 72, 691-701.	4.5	31
97	Device interactions in reducing the cost of tidal stream energy. Energy Conversion and Management, 2015, 97, 428-438.	4.4	31
98	Multi-parameter analysis and mapping of the levelised cost of energy from floating offshore wind in the Mediterranean Sea. Energy Conversion and Management, 2021, 243, 114416.	4.4	31
99	Co-located wind and wave energy farms: Uniformly distributed arrays. Energy, 2016, 113, 497-508.	4.5	30
100	Effects of high winds on the circulation of the using a mixed open boundary condition: the RÃa de Muros, Spain. Environmental Modelling and Software, 2010, 25, 455-466.	1.9	29
101	A Hybrid Wave-Wind Offshore Farm for an Island. International Journal of Green Energy, 2015, 12, 570-576.	2.1	28
102	Impacts of port development on estuarine morphodynamics: Ribadeo (Spain). Ocean and Coastal Management, 2016, 130, 58-72.	2.0	28
103	The collocation feasibility index â€" A method for selecting sites for co-located wave and wind farms. Renewable Energy, 2017, 103, 811-824.	4.3	28
104	Site-specific wave energy conversion performance of an oscillating water column device. Energy Conversion and Management, 2019, 195, 457-465.	4.4	28
105	Dual wave farms for energy production and coastal protection under sea level rise. Journal of Cleaner Production, 2019, 222, 364-372.	4.6	28
106	Evaluation of the production of tidal stream energy in an inlet channel by coupling field data and numerical modelling. Energy, 2014, 71, 104-117.	4.5	27
107	Public perceptions and externalities in tidal stream energy: A valuation for policy making. Ocean and Coastal Management, 2015, 105, 15-24.	2.0	27
108	A holistic method for selecting tidal stream energy hotspots under technical, economic and functional constraints. Energy Conversion and Management, 2016, 117, 420-430.	4.4	27

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109	Baroclinic modelling and analysis of tide- and wind-induced circulation in the RÃa de Muros (NW) Tj ETQq1 1 0.784314 rgBT /Overloch	0.9	25
110	Hybrid wave and offshore wind farms: A comparative case study of co-located layouts. International Journal of Marine Energy, 2016, 15, 2-16.	1.8	25
111	Characterization of loads on a hemispherical point absorber wave energy converter. International Journal of Marine Energy, 2016, 13, 1-15.	1.8	25
112	A virtual laboratory for stability tests of rubble-mound breakwaters. Ocean Engineering, 2008, 35, 1113-1120.	1.9	24
113	Tidal stream resource characterisation in progressive versus standing wave systems. Applied Energy, 2018, 220, 274-285.	5.1	24
114	Wind Power Viability on a Small Island. International Journal of Green Energy, 2014, 11, 741-760.	2.1	23
115	Accessibility for operation and maintenance tasks in co-located wind and wave energy farms with non-uniformly distributed arrays. Energy Conversion and Management, 2015, 106, 1219-1229.	4.4	23
116	An artificial neural network model of coastal erosion mitigation through wave farms. Environmental Modelling and Software, 2019, 119, 390-399.	1.9	23
117	Site selection of floating offshore wind through the levelised cost of energy: A case study in Ireland. Energy Conversion and Management, 2022, 266, 115802.	4.4	23
118	Grid parity in tidal stream energy projects: An assessment of financial, technological and economic LCOE input parameters. Technological Forecasting and Social Change, 2016, 104, 89-101.	6.2	22
119	Wave energy converter geometry for coastal flooding mitigation. Science of the Total Environment, 2019, 668, 1232-1241.	3.9	22
120	Wave farm planning through high-resolution resource and performance characterization. Renewable Energy, 2019, 135, 1097-1107.	4.3	21
121	Power capture performance of hybrid wave farms combining different wave energy conversion technologies: The H-factor. Energy, 2020, 204, 117920.	4.5	21
122	A data-driven long-term metocean data forecasting approach for the design of marine renewable energy systems. Renewable and Sustainable Energy Reviews, 2022, 167, 112751.	8.2	21
123	WFD Indicators and Definition of the Ecological Status of Rivers. Water Resources Management, 2009, 23, 2231-2247.	1.9	20
124	Headland-bay beach planform and tidal range: A neural network model. Geomorphology, 2009, 112, 135-143.	1.1	20
125	Laboratory Tests in the Development of WaveCat. Sustainability, 2016, 8, 1339.	1.6	20
126	Hydrokinetic energy exploitation under combined river and tidal flow. Renewable Energy, 2019, 143, 558-568.	4.3	20

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127	Performance of a plateâ€wave energy converter integrated in a floating breakwater. IET Renewable Power Generation, 2021, 15, 3206-3219.	1.7	20
128	Artificial intelligence applied to floating boom behavior under waves and currents. Ocean Engineering, 2010, 37, 1513-1521.	1.9	19
129	Wave radiation from a truncated cylinder of arbitrary cross section. Ocean Engineering, 2019, 173, 519-530.	1.9	19
130	Co-located wave-wind farms for improved O&M efficiency. Ocean and Coastal Management, 2018, 163, 66-71.	2.0	18
131	Intra-annual variability in the performance of an oscillating water column wave energy converter. Energy Conversion and Management, 2020, 207, 112536.	4.4	18
132	Artificial Intelligence and headland-bay beaches. Coastal Engineering, 2010, 57, 176-183.	1.7	17
133	Can the Seasonality of a Small River Affect a Large Tide-Dominated Estuary? The Case of RÃa de Viveiro, Spain. Journal of Coastal Research, 2011, 277, 1170-1182.	0.1	17
134	A strategic policy framework for promoting the marine energy sector in Spain. Journal of Renewable and Sustainable Energy, 2015, 7, .	0.8	17
135	Wave energy converter configuration in dual wave farms. Ocean Engineering, 2019, 178, 204-214.	1.9	17
136	Downscaling wave energy converters for optimum performance in low-energy seas. Renewable Energy, 2021, 168, 705-722.	4.3	17
137	Damage detection for offshore structures using long and short-term memory networks and random decrement technique. Ocean Engineering, 2021, 235, 109388.	1.9	17
138	Alternative Sources of Energy in Shipping. Journal of Navigation, 2010, 63, 435-448.	1.0	16
139	Power peaks against installed capacity in tidal stream energy. IET Renewable Power Generation, 2013, 7, 246-253.	1.7	16
140	An integrated approach for the planning of dredging operations in estuaries. Ocean Engineering, 2017, 140, 73-83.	1.9	16
141	Concept and performance of a novel wave energy converter: Variable Aperture Point-Absorber (VAPA). Renewable Energy, 2020, 153, 681-700.	4.3	16
142	Numerical analysis of shipping water impacting a step structure. Ocean Engineering, 2020, 209, 107517.	1.9	15
143	Nonlinear hydrodynamic modeling of an offshore stationary multi-oscillating water column platform. Ocean Engineering, 2021, 227, 108919.	1.9	15
144	Dynamic Loads and Response of a Spar Buoy Wind Turbine with Pitch-Controlled Rotating Blades: An Experimental Study. Energies, 2021, 14, 3598.	1.6	15

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145	Combining methodologies on the impact of inter and intra-annual variation of wave energy on selection of suitable location and technology. Renewable Energy, 2021, 172, 697-713.	4.3	15
146	Tidal stream energy potential in the Shannon Estuary. Renewable Energy, 2022, 185, 61-74.	4.3	15
147	Optimized hybrid ensemble technique for CMIP6 wind data projections under different climate-change scenarios. Case study: United Kingdom. Science of the Total Environment, 2022, 826, 154124.	3.9	15
148	Computer vision applied to wave flume measurements. Ocean Engineering, 2009, 36, 1073-1079.	1.9	14
149	CO-LOCATED WAVE AND OFFSHORE WIND FARMS: A PRELIMINARY CASE STUDY OF AN HYBRID ARRAY. Coastal Engineering Proceedings, 2015, 1, 33.	0.1	14
150	Wave diffraction from multiple truncated cylinders of arbitrary cross sections. Applied Mathematical Modelling, 2020, 77, 1425-1445.	2.2	14
151	A new framework and tool for ecological risk assessment of wave energy converters projects. Renewable and Sustainable Energy Reviews, 2021, 151, 111539.	8.2	14
152	Evaluation of the wind resource and power performance of a turbine in Tenerife. Journal of Renewable and Sustainable Energy, 2012, 4, 053106.	0.8	13
153	Wave radiation from multiple cylinders of arbitrary cross sections. Ocean Engineering, 2019, 184, 11-22.	1.9	13
154	Sea level rise changes estuarine tidal stream energy. Energy, 2022, 239, 122428.	4.5	12
155	Artificial intelligence applied to plane wave reflection at submerged breakwaters. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 465-472.	0.7	11
156	An integrated approach for the installation of a wave farm. Energy, 2017, 138, 910-919.	4.5	11
157	Genetic programming and floating boom performance. Ocean Engineering, 2015, 104, 310-318.	1.9	10
158	A numerical and experimental investigation of the effect of side walls on hydrodynamic model testing in a wave flume. Ocean Engineering, 2019, 186, 106108.	1.9	10
159	The power flow and the wave energy flux at an operational wave farm: Findings from Mutriku, Bay of Biscay. Ocean Engineering, 2021, 227, 108654.	1.9	9
160	Machine learning methods for damage detection of thermoplastic composite pipes under noise conditions. Ocean Engineering, 2022, 248, 110817.	1.9	9
161	The turbulent wake of a monopile foundation. Renewable Energy, 2016, 93, 180-187.	4.3	8
162	Complexity and Project Management: Challenges, Opportunities, and Future Research. Complexity, 2019, 2019, 1-2.	0.9	8

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163	Coastal infrastructure operativity against flooding â€“ A methodology. Science of the Total Environment, 2020, 719, 137452.	3.9	8
164	Compact floating wave energy converter arrays: Inter-device mooring connectivity and performance. Applied Ocean Research, 2021, 115, 102820.	1.8	8
165	The WaveCat - Development of A New Wave Energy Converter. , 2011, , .		8
166	Hindcasting Long Waves in a Port: An ANN Approach. Coastal Engineering Journal, 2015, 57, 1550019-1-1550019-20.	0.7	7
167	Signal denoising method for modal analysis of an offshore platform. Journal of Loss Prevention in the Process Industries, 2020, 63, 104000.	1.7	7
168	Design Selection and Geometry in OWC Wave Energy Converters for Performance. Energies, 2021, 14, 1707.	1.6	7
169	OPTIMIZATION OF THE WAVECAT WAVE ENERGY CONVERTER. Coastal Engineering Proceedings, 2012, 1, 5.	0.1	7
170	Experimental study of wave loads on a small vehicle in close proximity to a large vessel. Applied Ocean Research, 2019, 83, 77-87.	1.8	6
171	The influence of dredging for locating a tidal stream energy farm. Renewable Energy, 2020, 146, 242-253.	4.3	6
172	Evaluation of the structural complexity of organisations and products in naval-shipbuilding projects. Ships and Offshore Structures, 2021, 16, 670-685.	0.9	6
173	Physical Modelling of the Effect on the Wave Field of the WaveCat Wave Energy Converter. Journal of Marine Science and Engineering, 2021, 9, 309.	1.2	5
174	Parametric study and optimization of a twoâ€body wave energy converter. IET Renewable Power Generation, 2021, 15, 3319-3330.	1.7	5
175	Experimental and numerical determination of the optimum configuration of a parabolic wave extinction system for flumes. Ocean Engineering, 2021, 238, 109748.	1.9	5
176	Numerical Modelling of a Floating Wind Turbine Semi-Submersible Platform. Applied Sciences (Switzerland), 2021, 11, 11270.	1.3	5
177	A holistic methodology for hydrokinetic energy site selection. Applied Energy, 2022, 317, 119155.	5.1	5
178	Multi-criteria characterization and mapping of coastal cliff environments: A case study in NW Spain. Science of the Total Environment, 2020, 746, 140942.	3.9	4
179	Coastal cliff exposure and management. Ocean and Coastal Management, 2020, 198, 105387.	2.0	4
180	TURBINEâ€"CHAMBER COUPLING IN AN OWC WAVE ENERGY CONVERTER. Coastal Engineering Proceedings, 2012, 1, 2.	0.1	4

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181	DEVELOPMENT AND DESIGN OF THE WAVECATâ„¢ ENERGY CONVERTER. , 2009, , .		3
182	Proof of Concept of a Novel Hybrid Wind-Wave Energy Converter. , 2018, , .		3
183	Application of Marine Spatial Planning tools for tidal stream farm micro-siting. Ocean and Coastal Management, 2022, 220, 106063.	2.0	3
184	Capital costs in tidal stream energy projects: A site-specific approach. , 2016, , .		2
185	A combined approach to cliff characterization: Cliff Stability index. Marine Geology, 2022, 444, 106706.	0.9	2
186	An engineering approach to wave propagation. Proceedings of the Institution of Civil Engineers Water and Maritime Engineering, 2003, 156, 165-174.	0.3	1
187	WAVE FARM LAYOUT AND COASTAL IMPACTS. Coastal Engineering Proceedings, 2015, 1, 36.	0.1	1
188	IMPACT OF TIDAL STREAM ENERGY EXPLOITATION ON ESTUARINE HYDRODYNAMICS. Coastal Engineering Proceedings, 2015, 1, 22.	0.1	1
189	Wave Power: Climate Change Mitigation and Adaptation. , 2017, , 2007-2055.		1
190	ENHANCING MARINE ENERGY COMPETITIVENESS: CO-LOCATED OFFSHORE WIND AND WAVE ENERGY FARMS. Coastal Engineering Proceedings, 2017, , 4.	0.1	1
191	PHYSICAL AND NUMERICAL MODELING OF THE WAVECATÂ© WAVE ENERGY CONVERTER. Coastal Engineering Proceedings, 2011, 1, 64.	0.1	1
192	Wave Power - Climate Change Mitigation and Adaptation. , 2015, , 1-49.		1
193	LONG WAVES AND ARTIFICIAL NEURAL NETWORKS. Coastal Engineering Proceedings, 2015, 1, 31.	0.1	0
194	A HOLISTIC METHOD TO SELECT TIDAL STREAM ENERGY HOTSPOTS. Coastal Engineering Proceedings, 2017, , 5.	0.1	0
195	NUMERICAL ANALYSIS OF FLOATING BOOM PERFORMANCE IN OPEN WATERS. , 2009, , .		0
196	Harnessing tidal currents in an estuary: A comparative impact assessment between different turbine configurations. , 2015, , 637-642.		0
197	Enhancing marine energy competitiveness: Economic assessment of a co-located wave-wind energy farm. , 2016, , .		0
198	A method for the spatial targeting of tidal stream energy policies. International Marine Energy Journal, 2018, 1, 19-26.	0.4	0

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199	Wave Energy Converter Configuration for Coastal Erosion Mitigation. SpringerBriefs in Energy, 2020, , 29-43.	0.2	0
200	Wave Energy Converter Configuration for Coastal Flooding Mitigation. SpringerBriefs in Energy, 2020, , 45-57.	0.2	0
201	Optimization of Wave Farm Location and Layout for Coastal Protection. SpringerBriefs in Energy, 2020, , 9-27.	0.2	0
202	Management of Coastal Erosion Under Climate Change Through Wave Farms. SpringerBriefs in Energy, 2020, , 59-73.	0.2	0
203	Structure Design and Assessment of a Floating Foundation for Offshore Wind Turbines. , 2019, , .		0
204	Technological and commercial comparison of OWC and SSG wave energy converters built into breakwaters. , 2020, , 167-178.		0