Helen Cm Smith

List of Publications by Year
in descending order

21 papers	729 citations	687220 13 h-index	713332 21 g-index
21 all docs	21 docs citations	21 times ranked	810 citing authors

#	Article	IF	Citations
1	Offshore aquaculture of finfish: Big expectations at sea. Reviews in Aquaculture, 2022, 14, 791-815.	4.6	35
2	A systematic review of transferable solution options for the environmental impacts of tidal lagoons. Marine Policy, 2019, 99, 190-200.	1.5	3
3	Re-creation of site-specific multi-directional waves with non-collinear current. Ocean Engineering, 2018, 152, 391-403.	1.9	20
4	Environmental interactions of tidal lagoons: A comparison of industry perspectives. Renewable Energy, 2018, 119, 309-319.	4.3	9
5	Modelling the hydrodynamic and morphological impacts of a tidal stream development in Ramsey Sound. Renewable Energy, 2018, 126, 876-887.	4.3	28
6	Wave transformation across a macrotidal shore platform under low to moderate energy conditions. Earth Surface Processes and Landforms, 2018, 43, 298-311.	1.2	14
7	Resource characterization of sites in the vicinity of an island near a landmass. Renewable Energy, 2017, 103, 265-276.	4.3	4
8	Cumulative impact assessment of tidal stream energy extraction in the Irish Sea. Ocean Engineering, 2017, 137, 417-428.	1.9	12
9	Quantifying uncertainty in acoustic measurements of tidal flows using a â€˜Virtualâ€™ Doppler Current Profiler. Ocean Engineering, 2017, 137, 404-416.	1.9	2
10	Spatio-temporal variation in wave power and implications for electricity supply. Renewable Energy, 2017, 114, 154-165.	4.3	29
11	Wave resource variability: Impacts on wave power supply over regional to international scales. Energy Procedia, 2017, 125, 240-249.	1.8	4
12	Geomorphological control on boulder transport and coastal erosion before, during and after an extreme extraâ€tropical cyclone. Earth Surface Processes and Landforms, 2016, 41, 685-700.	1.2	43
13	Assessment of entanglement risk to marine megafauna due to offshore renewable energy mooring systems. International Journal of Marine Energy, 2015, 11, 27-49.	1.8	10
14	Spatial variability of waves within a marine energy site using in-situ measurements and a high resolution spectral wave model. Energy, 2014, 66, 699-710.	4.5	11
15	Predicting the large-scale consequences of offshore wind turbine array development on a North Sea ecosystem. Continental Shelf Research, 2014, 85, 60-72.	0.9	56
16	Mooring line fatigue damage evaluation for floating marine energy converters: Field measurements and prediction. Renewable Energy, 2014, 63, 133-144.	4.3	44
17	A wave energy resource assessment case study: Review, analysis and lessons learnt. Renewable Energy, 2013, 60, 510-521.	4.3	42
18	Wave resource assessment along the Cornish coast (UK) from a 23-year hindcast dataset validated against buoy measurements. Renewable Energy, 2013, 58, 1-14.	4.3	68

#	Article	IF	Citations
19	Novel offshore application of photovoltaics in comparison to conventional marine renewable energy technologies. Renewable Energy, 2013, 50, 879-888.	4.3	83
20	Further analysis of change in nearshore wave climate due to an offshore wave farm: An enhanced case study for the Wave Hub site. Renewable Energy, 2012, 40, 51-64.	4.3	81
21	Modelling analysis of the sensitivity of shoreline change to a wave farm. Ocean Engineering, 2007, 34, 884-901.	1.9	131