Shane McDonagh

List of Publications by Year
in descending order

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10 papers	604 citations	1039406 9 h-index	1473754 9 g-index
10 all docs	10 docs citations	10 times ranked	514 citing authors

#	Article	IF	Citations
1	Dedicated large-scale floating offshore wind to hydrogen: Assessing design variables in proposed typologies. Renewable and Sustainable Energy Reviews, 2022, 160, 112310.	8.2	48
2	Decarbonising ships, planes and trucks: An analysis of suitable low-carbon fuels for the maritime, aviation and haulage sectors. Advances in Applied Energy, 2021, 1, 100008.	6.6	200
3	Optimizing power-to-H2 participation in the Nord Pool electricity market: Effects of different bidding strategies on plant operation. Renewable Energy, 2020, 156, 820-836.	4.3	16
4	Hydrogen from offshore wind: Investor perspective on the profitability of a hybrid system including for curtailment. Applied Energy, 2020, 265, 114732.	5.1	94
5	The effect of electricity markets, and renewable electricity penetration, on the levelised cost of energy of an advanced electro-fuel system incorporating carbon capture and utilisation. Renewable Energy, 2019, 131, 364-371.	4.3	35
6	Are electrofuels a sustainable transport fuel? Analysis of the effect of controls on carbon, curtailment, and cost of hydrogen. Applied Energy, 2019, 247, 716-730.	5.1	30
7	Modelling of a power-to-gas system to predict the levelised cost of energy of an advanced renewable gaseous transport fuel. Applied Energy, 2018, 215, 444-456.	5.1	85
8	Cascading biomethane energy systems for sustainable green gas production in a circular economy. Bioresource Technology, 2017, 243, 1207-1215.	4.8	64
9	The potential of power to gas to provide green gas utilising existing CO2 sources from industries, distilleries and wastewater treatment facilities. Renewable Energy, 2017, 114, 1090-1100.	4.3	27
10	Techno-Economic Assessment of Demand-Driven Small-Scale Green Hydrogen Production for Low Carbon Agriculture in Sweden. Frontiers in Energy Research, 0, 8, .	1.2	5