

Shane McDonagh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8275943/publications.pdf>

Version: 2024-02-01

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