

Paul Deane

List of Publications by Year in descending order

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24
papers

718
citations

840776
11
h-index

1058476
14
g-index

128
all docs

128
docs citations

128
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.9	35
2	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.	10.1	30
3	High performance computing for energy system optimization models: Enhancing the energy policy tool kit. Energy Policy, 2019, 128, 66-74.	8.8	12
4	Zero carbon energy system pathways for Ireland consistent with the Paris Agreement. Climate Policy, 2019, 19, 30-42.	5.1	36
5	Perspectives on decarbonizing the transport sector in the EU-28. Energy Strategy Reviews, 2018, 20, 124-132.	7.3	56
6	Biofuels for Aviation. , 2017, , 79-88.		6
7	Storage Solutions and Their Value. , 2017, , 173-187.		1
8	Curtailment. , 2017, , 97-104.		6
9	Gas Security of Supply in the European Union. , 2017, , 67-78.		3
10	Impact on Electricity Markets. , 2017, , 105-118.		6
11	Energy Poverty Across the EU. , 2017, , 261-280.		6
12	Decarbonizing the EU Energy System. , 2017, , 55-65.		0
13	Need for Flexibility and Potential Solutions. , 2017, , 149-172.		0
14	Impact of new interconnection lines on the EU electricity market. , 2016, , .		0
15	Integrating agriculture and energy to assess GHG emissions reduction: a methodological approach. Climate Policy, 2016, 16, 215-236.	5.1	19
16	Addressing Energy Poverty and Vulnerable Consumers in the Energy Sector Across the EU. Europe En Formation, 2016, nÂ° 378, 64-89.	0.1	63
17	Supporting security and adequacy in future energy systems: The need to enhance long-term energy system models to better treat issues related to variability. International Journal of Energy Research, 2015, 39, 377-396.	4.5	56
18	A perspective on the potential role of renewable gas in a smart energy island system. Renewable Energy, 2015, 78, 648-656.	8.9	108

#	ARTICLE	IF	CITATIONS
19	Thermal power plant operating regimes in future British power systems with increasing variable renewable penetration. <i>Energy Conversion and Management</i> , 2015, 105, 977-985.	9.2	21
20	The Role of Bioenergy in Ireland's Low Carbon Future " Is it Sustainable?. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2015, 3, 196-216.	1.9	27
21	Irish and British electricity prices: what recent history implies for future prices. <i>Economics of Energy and Environmental Policy</i> , 2015, 4, .	1.4	12
22	Incorporating flexibility requirements into long-term energy system models " A case study on high levels of renewable electricity penetration in Ireland. <i>Applied Energy</i> , 2014, 135, 600-615.	10.1	181
23	Climate policy, interconnection and carbon leakage: The effect of unilateral UK policy on electricity and GHG emissions in Ireland. <i>Economics of Energy and Environmental Policy</i> , 2014, 3, .	1.4	8
24	O&M Planning " Key to Increased Project Availability and Revenue. <i>Wind Engineering</i> , 2008, 32, 85-88.	1.9	0