

Alexander Buttler

List of Publications by Year in descending order

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6
papers

1,757
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

1988
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status of water electrolysis for energy storage, grid balancing and sector coupling via power-to-gas and power-to-liquids: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 2440-2454.	16.4	1,263
2	Power-to-liquid via synthesis of methanol, DME or Fischer-Tropsch-fuels: a review. <i>Energy and Environmental Science</i> , 2020, 13, 3207-3252.	30.8	328
3	Variability of wind and solar power – An assessment of the current situation in the European Union based on the year 2014. <i>Energy</i> , 2016, 106, 147-161.	8.8	65
4	A detailed techno-economic analysis of heat integration in high temperature electrolysis for efficient hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 38-50.	7.1	56
5	Comparison of synthetic natural gas production pathways for the storage of renewable energy. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2016, 5, 327-350.	4.1	28
6	IGCC-EPI: Decentralized concept of a highly load-flexible IGCC power plant for excess power integration. <i>Applied Energy</i> , 2013, 104, 869-879.	10.1	17