

Charlotte Rudolph

List of Publications by Year in descending order

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5
papers

79
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimethyl ether (DME) and dimethoxymethane (DMM) as reaction enhancers for methane: Combining flame experiments with model-assisted exploration of a polygeneration process. <i>Combustion and Flame</i> , 2022, 237, 111863.	5.2	15
2	Low-calorific ammonia containing off-gas mixture: Modelling the conversion in HCCI engines. <i>Combustion and Flame</i> , 2022, 243, 112063.	5.2	8
3	Investigation of natural gas/hydrogen mixtures for exergy storage in a piston engine. <i>Energy</i> , 2021, 218, 119375.	8.8	12
4	Pyrolysis of Methane and Ethane in a Compression–Expansion Process as a New Concept for Chemical Energy Storage: A Kinetic and Exergetic Investigation. <i>Energy Technology</i> , 2021, 9, 2000948.	3.8	13
5	Flexible energy conversion and storage via high-temperature gas-phase reactions: The piston engine as a polygeneration reactor. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 133, 110264.	16.4	31