

Haider Niaz

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

162
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Availability, versatility, and viability of feedstocks for hydrogen production: Product space perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 110843.	16.4	57
2	Machine learning-based utilization of renewable power curtailments under uncertainty by planning of hydrogen systems and battery storages. <i>Journal of Energy Storage</i> , 2021, 41, 103010.	8.1	33
3	Techno-economic feasibility evaluation of a standalone solar-powered alkaline water electrolyzer considering the influence of battery energy storage system: A Korean case study. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1617.	2.7	28
4	Comprehensive Feasibility Assessment of Combined Heat, Hydrogen, and Power Production via Hydrothermal Liquefaction of <i>Saccharina japonica</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8305-8317.	6.7	15
5	Comparative sustainability assessment of a hydrogen supply network for hydrogen refueling stations in Korea – a techno-economic and lifecycle assessment perspective. <i>Green Chemistry</i> , 2021, 23, 9625-9639.	9.0	14
6	Optimal Design of the Biofuel Supply Chain Utilizing Multiple Feedstocks: A Korean Case Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14690-14703.	6.7	8
7	Leveraging renewable oversupply using a chance-constrained optimization approach for a sustainable datacenter and hydrogen refueling station: Case study of California. <i>Journal of Power Sources</i> , 2022, 540, 231558.	7.8	7