

Wonjae Choi

List of Publications by Year in descending order

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11
papers

350
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Well-to-wheel analysis of hydrogen fuel-cell electric vehicle in Korea. International Journal of Hydrogen Energy, 2018, 43, 19267-19278.	7.1	61
2	Greenhouse gas emissions of conventional and alternative vehicles: Predictions based on energy policy analysis in South Korea. Applied Energy, 2020, 265, 114754.	10.1	54
3	Numerical modeling and analysis of the temperature effect on the performance of an alkaline water electrolysis system. Journal of Power Sources, 2021, 506, 230106.	7.8	51
4	Well-to-wheel greenhouse gas emissions of battery electric vehicles in countries dependent on the import of fuels through maritime transportation: A South Korean case study. Applied Energy, 2018, 230, 135-147.	10.1	36
5	Experimental study of homogeneous charge compression ignition engine operation fuelled by emulated solid oxide fuel cell anode off-gas. Applied Energy, 2018, 229, 42-62.	10.1	35
6	Analysis on the operating performance of 5-kW class solid oxide fuel cell-internal combustion engine hybrid system using spark-assisted ignition. Applied Energy, 2020, 260, 114231.	10.1	30
7	Solid oxide fuel cell operation in a solid oxide fuel cell-internal combustion engine hybrid system and the design point performance of the hybrid system. Applied Energy, 2019, 254, 113681.	10.1	28
8	Well-to-wheel analysis on greenhouse gas emission and energy use with natural gas in Korea. International Journal of Life Cycle Assessment, 2014, 19, 850-860.	4.7	26
9	Well-to-wheel analysis on greenhouse gas emission and energy use with petroleum-based fuels in Korea: gasoline and diesel. International Journal of Life Cycle Assessment, 2015, 20, 1102-1116.	4.7	17
10	Well-to-wheel nitrogen oxide emissions from internal combustion engine vehicles and alternative fuel vehicles reflect real driving emissions and various fuel production pathways in South Korea. Journal of Cleaner Production, 2022, 342, 130983.	9.3	9
11	Well-to-Wheel Greenhouse Gas Emissions Analysis of Hydrogen Fuel Cell Vehicle - Hydrogen Produced by Naphtha Cracking. Transactions of the Korean Society of Automotive Engineers, 2017, 25, 157-166.	0.3	3