

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