

Sunyoung Kim

List of Publications by Year in descending order

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9
papers

182
citations

1307594

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1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid fuel processing for hydrogen production: A review. International Journal of Hydrogen Energy, 2016, 41, 19990-20022.	7.1	89
2	Self-sustained operation of a kWe-class kerosene-reforming processor for solid oxide fuel cells. Journal of Power Sources, 2009, 192, 360-366.	7.8	43
3	Effects of low hydrocarbons on the solid oxide fuel cell anode. Journal of Solid State Electrochemistry, 2010, 14, 1793-1800.	2.5	15
4	The impact of fuel evaporation on the gas-phase kinetics in the mixing region of a diesel autothermal reformer. International Journal of Hydrogen Energy, 2015, 40, 15477-15490.	7.1	9
5	Investigation of gas-phase reactions in the mixing region for hydrocarbon autothermal reforming applications. International Journal of Hydrogen Energy, 2012, 37, 7545-7553.	7.1	8
6	Numerical Analysis of the Heat and Mass Transfer Characteristics in an Autothermal Methane Reformer. Journal of Fuel Cell Science and Technology, 2010, 7, .	0.8	7
7	Coupled transport and kinetics in the mixing region for hydrocarbon autothermal reforming applications. International Journal of Hydrogen Energy, 2013, 38, 16140-16151.	7.1	7
8	Numerical analysis of a 20-kW e biogas steam reformer in PEMFC applications. International Journal of Hydrogen Energy, 2014, 39, 19485-19493.	7.1	3
9	Impact of Finite Mixing on Gas-Phase Partial Oxidation for Selective Removal of Deposit Precursors from Gasifier Outlet Streams. Energy & Fuels, 2015, 29, 6501-6511.	5.1	1