

Yonggyun Bae

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4499542/publications.pdf>

Version: 2024-02-01

7
papers

136
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional dynamic modeling and transport analysis of solid oxide fuel cells under electrical load change. <i>Energy Conversion and Management</i> , 2018, 165, 405-418.	9.2	43
2	Key characteristics of a hydrocarbon-fueled solid oxide fuel cell examined by local thermodynamic states. <i>Energy Conversion and Management</i> , 2018, 174, 565-578.	9.2	25
3	Thermal analysis of a 1-kW hydrogen-fueled solid oxide fuel cell stack by three-dimensional numerical simulation. <i>Energy Conversion and Management</i> , 2020, 222, 113213.	9.2	21
4	The effect of anode microstructure and fuel utilization on current relaxation and concentration polarization of solid oxide fuel cell under electrical load change. <i>Energy Conversion and Management</i> , 2019, 201, 112152.	9.2	16
5	High-temperature electrolysis of CO ₂ -enriched mixtures by using fuel-electrode supported La _{0.6} Sr _{0.4} CoO ₃ /YSZ/Ni-YSZ solid oxide cells. <i>Journal of Power Sources</i> , 2018, 378, 369-374.	7.8	15
6	Effect of Fe infiltration to Ni / YSZ solid oxide cell fuel electrode on steam/ CO ₂ co-electrolysis. <i>International Journal of Energy Research</i> , 2019, 43, 4949-4958.	4.5	9
7	Comparative evaluation of Ni-based bimetallic catalysts for dry reforming of methane at low temperature: The effect of alloy itself on performance. <i>International Journal of Energy Research</i> , 2022, 46, 11228-11249.	4.5	7