

Jaesung Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1175388/publications.pdf>

Version: 2024-02-01

13
papers

289
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Exsolution of nanoparticles on A-site-deficient lanthanum ferrite perovskites: its effect on co-electrolysis of CO ₂ and H ₂ O. Journal of Materials Chemistry A, 2022, 10, 2483-2495.	10.3	13
2	Coke formation during high-temperature CO ₂ electrolysis over AFeO ₃ (A=La/Sr) cathode: Effect of A-site metal segregation. Applied Catalysis B: Environmental, 2021, 283, 119642.	20.2	48
3	Incident-angle dependent <i>in operando</i> XAS cell design: investigation of the electrochemical cells under operating conditions at various incidence angles. RSC Advances, 2021, 11, 6456-6463.	3.6	4
4	Investigation of hetero-phases grown via in-situ exsolution on a Ni-doped (La,Sr)FeO ₃ cathode and the resultant activity enhancement in CO ₂ reduction. Applied Catalysis B: Environmental, 2021, 286, 119917.	20.2	42
5	Temperature-induced changes in the synthesis gas composition in a high-temperature H ₂ O and CO ₂ co-electrolysis system. Applied Catalysis A: General, 2020, 602, 117697.	4.3	12
6	Hydrogen Production from Water in a Solid Oxide Electrolysis Cell: Effect of Ni Doping on Lanthanum Strontium Ferrite Perovskite Cathodes. Industrial & Engineering Chemistry Research, 2019, 58, 22497-22505.	3.7	19
7	Metal-Organic Frameworks Derived from Zero-Valent Metal Substrates: Mechanisms of Formation and Modulation of Properties. Advanced Functional Materials, 2019, 29, 1808466.	14.9	18
8	Zeolitic Imidazolate Framework Membrane with Marked Thermochemical Stability for High-Temperature Catalytic Processes. Chemistry of Materials, 2018, 30, 447-455.	6.7	17
9	Deep desulfurization of fuel gas by adsorption on Cu-impregnated activated carbons in practical conditions. Korean Journal of Chemical Engineering, 2016, 33, 1908-1916.	2.7	12
10	Marked inducing effects of metal oxide supports on the hydrothermal stability of zeolitic imidazolate framework (ZIF) membranes. Journal of Materials Chemistry A, 2016, 4, 5205-5215.	10.3	12
11	A comparative study on catalytic properties of solid acid catalysts for glycerol acetylation at low temperatures. Applied Catalysis B: Environmental, 2014, 148-149, 295-303.	20.2	77
12	Sulfonic acid functionalized deoxycellulose catalysts for glycerol acetylation to fuel additives. Applied Catalysis A: General, 2014, 482, 31-37.	4.3	13
13	Composite Cathodes with Oxide and Nitride Phases for High-Temperature Electrocatalytic Ammonia Production from Nitrogen and Water. , 0, , .		2