Jaesung Kim

List of Publications by Year in descending order

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	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
2	Coke formation during high-temperature CO2 electrolysis over AFeO3 (Aâ€¯=â€¯La/Sr) cathode: Effect of A-site metal segregation. Applied Catalysis B: Environmental, 2021, 283, 119642.	20.2	48
3	Investigation of hetero-phases grown via in-situ exsolution on a Ni-doped (La,Sr)FeO3 cathode and the resultant activity enhancement in CO2 reduction. Applied Catalysis B: Environmental, 2021, 286, 119917.	20.2	42
4	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
5	Metalâ€“Organic Frameworks Derived from Zeroâ€Valent Metal Substrates: Mechanisms of Formation and Modulation of Properties. Advanced Functional Materials, 2019, 29, 1808466.	14.9	18
6	Zeolitic Imidazolate Framework Membrane with Marked Thermochemical Stability for High-Temperature Catalytic Processes. Chemistry of Materials, 2018, 30, 447-455.	6.7	17
7	Sulfonic acid functionalized deoxycellulose catalysts for glycerol acetylation to fuel additives. Applied Catalysis A: General, 2014, 482, 31-37.	4.3	13
8	Exsolution of nanoparticles on A-site-deficient lanthanum ferrite perovskites: its effect on co-electrolysis of CO₂ and H₂O. Journal of Materials Chemistry A, 2022, 10, 2483-2495.	10.3	13
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	Temperature-induced changes in the synthesis gas composition in a high-temperature H2O and CO2 co-electrolysis system. Applied Catalysis A: General, 2020, 602, 117697.	4.3	12
12	Incident-angle dependent operando XAS cell design: investigation of the electrochemical cells under operating conditions at various incidence angles. RSC Advances, 2021, 11, 6456-6463.	3.6	4
13	Composite Cathodes with Oxide and Nitride Phases for High-Temperature Electrocatalytic Ammonia Production from Nitrogen and Water. , 0, , .		2