Tae-Young Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2106526/publications.pdf

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17	229	1163117	996975
papers	citations	8 h-index	15 g-index

17	17	17	183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of the sorption pressure and K2CO3 loading of a MgO-based sorbent for application to the SEWGS process. Korean Journal of Chemical Engineering, 2022, 39, 1028-1035.	2.7	4
2	A fundamental study of CO2 capture and CH4 production in a rapid cyclic system using nickel-lithium-silicate as a catal-sorbent. Fuel, 2022, 311, 122602.	6.4	15
3	CO2 Sorption and Regeneration Properties of K2CO3/Al2O3-Based Sorbent at High Pressure and Moderate Temperature. Applied Sciences (Switzerland), 2022, 12, 2989.	2.5	3
4	Investigation of Coâ€“Feâ€“Al Catalysts for High-Calorific Synthetic Natural Gas Production: Pilot-Scale Synthesis of Catalysts. Catalysts, 2021, 11, 105.	3.5	6
5	Influence of Ni on Fe and Co-Fe Based Catalysts for High-Calorific Synthetic Natural Gas. Catalysts, 2021, 11, 697.	3.5	4
6	Preparation of Eggshell-Type Ru/Al2O3 Catalysts for Hydrogen Production Using Steam-Methane Reforming on PEMFC. Catalysts, 2021, 11, 951.	3.5	1
7	Coke-promoted Ni/CaO catal-sorbents in the production of cyclic CO and syngas. Sustainable Energy and Fuels, 2021, 6, 81-88.	4.9	21
8	CO₂ green technologies in CO₂ capture and direct utilization processes: methanation, reverse water-gas shift, and dry reforming of methane. Sustainable Energy and Fuels, 2020, 4, 5543-5549.	4.9	48
9	A novel integrated CO₂ capture and direct methanation process using Ni/CaO catal-sorbents. Sustainable Energy and Fuels, 2020, 4, 4679-4687.	4.9	45
10	Effect of reducibility on the performance of Co-based catalysts for the production of high-calorie synthetic natural gas. Korean Journal of Chemical Engineering, 2020, 37, 1690-1698.	2.7	6
11	Thermally stable amine-functionalized silica sorbents using one-pot synthesis method for CO2 capture at low temperature. Korean Journal of Chemical Engineering, 2020, 37, 2317-2325.	2.7	5
12	Deactivation of Niâ€“Al-Based Catalysts for Autothermal Reforming of Diesel Surrogate Fuel in the Presence of an Aromatic Hydrocarbon. Journal of Nanoscience and Nanotechnology, 2020, 20, 7018-7026.	0.9	1
13	Catalytic Technologies for CO Hydrogenation for the Production of Light Hydrocarbons and Middle Distillates. Catalysts, 2020, 10, 99.	3.5	26
14	Enhanced Ni-Al-Based Catalysts and Influence of Aromatic Hydrocarbon for Autothermal Reforming of Diesel Surrogate Fuel. Catalysts, 2019, 9, 573.	3.5	12
15	Selective CO Hydrogenation Over Bimetallic Co-Fe Catalysts for the Production of Light Paraffin Hydrocarbons (C2â€“C4): Effect of Space Velocity, Reaction Pressure and Temperature. Catalysts, 2019, 9, 779.	3.5	8
16	Hybrid catalysts in a double-layered bed reactor for the production of C2â€“C4 paraffin hydrocarbons. Catalysis Communications, 2019, 127, 29-33.	3.3	6
17	Selective CO hydrogenation over bimetallic Co-Fe catalysts for the production of light paraffin hydrocarbons (C2-C4): Effect of H2/CO ratio and reaction temperature. Catalysis Communications, 2018, 117, 74-78.	3.3	18