

Yong Tae Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5920818/publications.pdf>

Version: 2024-02-01

27
papers

1,690
citations

394421

19
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2163
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in hydrodeoxygenation of biomass-derived oxygenates over heterogeneous catalysts. <i>Green Chemistry</i> , 2019, 21, 3715-3743.	9.0	367
2	Gas-phase dehydration of glycerol over ZSM-5 catalysts. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 28-36.	4.4	197
3	Conversion of glucose into levulinic acid with solid metal(IV) phosphate catalysts. <i>Journal of Catalysis</i> , 2013, 304, 123-134.	6.2	189
4	Aqueous-phase hydrodeoxygenation of sorbitol: A comparative study of Pt/Zr phosphate and PtReOx/C. <i>Journal of Catalysis</i> , 2013, 304, 72-85.	6.2	121
5	Gas-phase dehydration of glycerol over silica-alumina catalysts. <i>Applied Catalysis B: Environmental</i> , 2011, 107, 177-187.	20.2	113
6	Aqueous-phase hydrogenation and hydrodeoxygenation of biomass-derived oxygenates with bimetallic catalysts. <i>Green Chemistry</i> , 2014, 16, 708.	9.0	111
7	Non-oxidative dehydroaromatization of methane over Mo/H-ZSM-5 catalysts: A detailed analysis of the reaction-regeneration cycle. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 305-318.	20.2	76
8	Low-temperature oligomerization of 1-butene with H-ferrierite. <i>Journal of Catalysis</i> , 2015, 323, 33-44.	6.2	66
9	Nonoxidative Direct Conversion of Methane on Silica-Based Iron Catalysts: Effect of Catalytic Surface. <i>ACS Catalysis</i> , 2019, 9, 7984-7997.	11.2	61
10	Comparative Study of Olefin Production from CO and CO ₂ Using Na- and K-Promoted Zinc Ferrite. <i>ACS Catalysis</i> , 2020, 10, 10742-10759.	11.2	42
11	Effect of Pt catalyst on the condensable hydrocarbon content generated via food waste pyrolysis. <i>Chemosphere</i> , 2020, 248, 126043.	8.2	42
12	Engineered rice-straw biochar catalysts for the production of value-added chemicals from furan. <i>Chemical Engineering Journal</i> , 2020, 387, 124194.	12.7	34
13	Mechanistic and microkinetic study of non-oxidative methane coupling on a single-atom iron catalyst. <i>Communications Chemistry</i> , 2020, 3, .	4.5	32
14	Hydrothermally stable regenerable catalytic supports for aqueous-phase conversion of biomass. <i>Catalysis Today</i> , 2014, 234, 66-74.	4.4	30
15	Biochar as a catalytic material for the production of 1,4-butanediol and tetrahydrofuran from furan. <i>Environmental Research</i> , 2020, 184, 109325.	7.5	28
16	Production of Linear Octenes from Oligomerization of 1-Butene over Carbon-Supported Cobalt Catalysts. <i>ACS Catalysis</i> , 2016, 6, 3815-3825.	11.2	27
17	Linear α -olefin production with Na-promoted Fe-Zn catalysts via Fischer-Tropsch synthesis. <i>RSC Advances</i> , 2019, 9, 14176-14187.	3.6	27
18	Upcycling of waste teabags via catalytic pyrolysis in carbon dioxide over HZSM-11. <i>Chemical Engineering Journal</i> , 2021, 412, 128626.	12.7	25

#	ARTICLE	IF	CITATIONS
19	Production of high-octane gasoline via hydrodeoxygenation of sorbitol over palladium-based bimetallic catalysts. <i>Journal of Environmental Management</i> , 2018, 227, 329-334.	7.8	22
20	Low Temperature Oligomerization of Ethylene over Ni/Al-KIT-6 Catalysts. <i>Catalysis Letters</i> , 2017, 147, 1303-1314.	2.6	17
21	Reaction condition optimization for non-oxidative conversion of methane using artificial intelligence. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 235-243.	3.7	13
22	Production of renewable C ₄ –C ₆ monoalcohols from waste biomass-derived carbohydrate via aqueous-phase hydrodeoxygenation over Pt-ReO ₂ /Zr-P. <i>Chemical Engineering Research and Design</i> , 2018, 115, 2-7.	5.6	12
23	Kinetic modeling of methane dehydroaromatization over a Mo ₂ C/H-ZSM5 catalyst: Different deactivation behaviors of the Mo ₂ C and H-ZSM5 sites. <i>Catalysis Today</i> , 2020, 352, 140-147.	4.4	10
24	Recent Advances in Renewable Polymer Production from Lignin-Derived Aldehydes. <i>Polymers</i> , 2021, 13, 364.	4.5	10
25	Hydrogenation of Adiponitrile to Hexamethylenediamine over Raney Ni and Co Catalysts. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7506.	2.5	9
26	Theoretical Study of CO Adsorption and Activation on Orthorhombic Fe ₇ C ₃ (001) Surfaces for Fischer–Tropsch Synthesis Using Density Functional Theory Calculations. <i>Energies</i> , 2021, 14, 563.	3.1	5
27	Effect of H ₂ O on Slurry-Phase Fischer–Tropsch Synthesis over Alumina-supported Cobalt Catalysts. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 540-547.	1.9	4