Gwang-Nam Yun

List of Publications by Year
in descending order

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		759233	839539
18	366	12	18
papers	citations	h-index	g-index

18	18	18	520
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How to scrutinize adsorbed intermediates observed by in situ spectroscopy: Analysis of Coverage Transients (ACT). Journal of Catalysis, 2021, 394, 273-283.	6.2	14
2	Hydrodeoxygenation of benzofuran on novel CoPdP catalysts supported on potassium ion exchanged ultra-stable Y-zeolites. Journal of Catalysis, 2021, 403, 160-172.	6.2	9
3	Highly selective and stable ZnO-supported bimetallic RuSn catalyst for the hydrogenation of octanoic acid to octanol. Molecular Catalysis, 2021, 512, 111770.	2.0	4
4	The Delplot kinetic method applied to systems with adsorbates: Hydrodeoxygenation of benzofuran on a bimetallic CoPd phosphide catalyst supported on KUSY. Journal of Catalysis, 2021, 404, 786-801.	6.2	10
5	Hydrotreating of Waste Tire Pyrolysis Oil over Highly Dispersed Ni2P Catalyst Supported on SBA-15. Catalysts, 2021, 11, 1272.	3.5	6
6	A New One-Pot Sequential Reduction-Deposition Method for the synthesis of Silica-supported NiPt and CuPt Bimetallic Catalysts. Applied Catalysis A: General, 2020, 591, 117371.	4.3	14
7	Applicability of the Delplot method for the determination of catalytic reaction sequences: Hydrodeoxygenation of Î³-valerolactone on Ni2P/MCM-41. Chemical Engineering Science, 2020, 223, 115697.	3.8	9
8	The direct molecular oxygen partial oxidation of CH4 to dimethyl ether without methanol formation over a Pt/Y2O3 catalyst using an NO/NO2 oxygen atom shuttle. Journal of Catalysis, 2020, 389, 352-365.	6.2	21
9	Infrared spectroscopic studies of the hydrodeoxygenation of Î³-valerolactone on Ni2P/MCM-41. Catalysis Today, 2019, 323, 54-61.	4.4	15
10	Synthesis and characterization of hydrogen selective silica membranes prepared by chemical vapor deposition of vinyltriethoxysilane. Journal of Membrane Science, 2018, 550, 1-8.	8.2	26
11	Effects of pressure, contact time, permeance, and selectivity in membrane reactors: The case of the dehydrogenation of ethane. Separation and Purification Technology, 2018, 194, 197-206.	7.9	24
12	A New Approach to Deep Desulfurization of Light Cycle Oil over Ni2P Catalysts: Combined Selective Oxidation and Hydrotreating. Catalysts, 2018, 8, 102.	3.5	9
13	Comparison of phosphide catalysts prepared by temperature-programmed reduction and liquid-phase methods in the hydrodeoxygenation of 2-methylfuran. Applied Catalysis A: General, 2017, 548, 39-46.	4.3	14
14	Hydrodeoxygenation of gamma-valerolactone on transition metal phosphide catalysts. Catalysis Science and Technology, 2017, 7, 281-292.	4.1	39
15	Hydrodeoxygenation of Î³-valerolactone on bimetallic NiMo phosphide catalysts. Journal of Catalysis, 2017, 353, 141-151.	6.2	30
16	Dispersion effects of Ni2P catalysts on hydrotreating of light cycle oil. Applied Catalysis B: Environmental, 2014, 150-151, 647-655.	20.2	44
17	Novel Ni2P/zeolite catalysts for naphthalene hydrocracking to BTX. Catalysis Communications, 2014, 45, 133-138.	3.3	62
18	Beneficial effects of polycyclic aromatics on oxidative desulfurization of light cycle oil over phosphotungstic acid (PTA) catalyst. Fuel Processing Technology, 2013, 114, 1-5.	7.2	16