

Gwang-Nam Yun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4355313/publications.pdf>

Version: 2024-02-01

18
papers

366
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

520
citing authors

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