Zahra Gholami

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8024837/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Application of chitosan and its derivatives as adsorbents for dye removal from water and wastewater: A review. Carbohydrate Polymers, 2014, 113, 115-130.	10.2	844
2	Technologies for the nitrogen oxides reduction from flue gas: A review. Science of the Total Environment, 2020, 714, 136712.	8.0	194
3	Dealing with the surplus of glycerol production from biodiesel industry through catalytic upgrading to polyglycerols and other value-added products. Renewable and Sustainable Energy Reviews, 2014, 39, 327-341.	16.4	135
4	Recent advances in Fischer-Tropsch synthesis using cobalt-based catalysts: a review on supports, promoters, and reactors. Catalysis Reviews - Science and Engineering, 2021, 63, 512-595.	12.9	91
5	Chitosan hydrogel beads impregnated with hexadecylamine for improved reactive blue 4 adsorption. Carbohydrate Polymers, 2016, 137, 139-146.	10.2	73
6	Recent advances in selective catalytic reduction of NO _x by carbon monoxide for flue gas cleaning process: a review. Catalysis Reviews - Science and Engineering, 2021, 63, 68-119.	12.9	68
7	Low-Temperature Selective Catalytic Reduction of NO by CO in the Presence of O ₂ over Cu:Ce Catalysts Supported by Multiwalled Carbon Nanotubes. Industrial & Engineering Chemistry Research, 2018, 57, 8871-8883.	3.7	58
8	A Review on Production of Light Olefins via Fluid Catalytic Cracking. Energies, 2021, 14, 1089.	3.1	45
9	A review on composting of oil palm biomass. Environment, Development and Sustainability, 2015, 17, 691-709.	5.0	37
10	A Review on the Production of Light Olefins Using Steam Cracking of Hydrocarbons. Energies, 2021, 14, 8190.	3.1	35
11	Heterogeneously catalyzed etherification of glycerol to diglycerol over calcium–lanthanum oxide supported on MCM-41: A heterogeneous basic catalyst. Applied Catalysis A: General, 2014, 479, 76-86.	4.3	32
12	Glycerol etherification to polyglycerols using Ca1+xAl1â^'xLaxO3 composite catalysts in a solventless medium. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 117-122.	5.3	30
13	Nickel ion removal from aqueous solutions through the adsorption process: a review. Reviews in Chemical Engineering, 2021, 37, 755-778.	4.4	30
14	Optimization hydrogen production over visible light-driven titania-supported bimetallic photocatalyst from water photosplitting in tandem photoelectrochemical cell. Renewable Energy, 2016, 99, 960-970.	8.9	25
15	Effect of ethanedioic acid functionalization on Ni/Al 2 O 3 catalytic hydrodeoxygenation and isomerization of octadec-9-enoic acid into biofuel: kinetics and Arrhenius parameters. Journal of Energy Chemistry, 2016, 25, 158-168.	12.9	25
16	Effective Adsorption of Reactive Black 5 onto Hybrid Hexadecylamine Impregnated Chitosan-Powdered Activated Carbon Beads. Water (Switzerland), 2020, 12, 2242.	2.7	25
17	Selective Monolaurin Synthesis through Esterification of Glycerol Using Sulfated Zirconia-Loaded SBA-15 Catalyst. Chemical Engineering Communications, 2016, 203, 496-504.	2.6	21
18	Enhancing reactive blue 4 adsorption through chemical modification of chitosan with hexadecylamine and 3-aminopropyl triethoxysilane. Journal of Water Process Engineering, 2017, 15, 49-54.	5.6	21

Zahra Gholami

#	Article	IF	CITATIONS
19	Oil Palm Biomass as an Adsorbent for Heavy Metals. Reviews of Environmental Contamination and Toxicology, 2014, 232, 61-88.	1.3	21
20	The influence of catalyst factors for sustainable production of hydrocarbons via Fischer-Tropsch synthesis. Reviews in Chemical Engineering, 2017, 33, .	4.4	19
21	Production of Light Olefins via Fischer-Tropsch Process Using Iron-Based Catalysts: A Review. Catalysts, 2022, 12, 174.	3.5	18
22	The influence of support composition on the activity of Cu:Ce catalysts for selective catalytic reduction of NO by CO in the presence of excess oxygen. New Journal of Chemistry, 2020, 44, 709-718.	2.8	16
23	Surface Characterization of Carbonaceous Materials Using Inverse Gas Chromatography: A Review. Electrochem, 2020, 1, 367-387.	3.3	15
24	Selective Etherification of Glycerol over Heterogeneous Mixed Oxide Catalyst: Optimization of Reaction Parameters. Chemical Engineering and Science, 2013, 1, 79-86.	0.6	14
25	Catalytic Etherification of Glycerol to Diglycerol Over Heterogeneous Calcium-Based Mixed-Oxide Catalyst: Reusability and Stability. Chemical Engineering Communications, 2015, 202, 1397-1405.	2.6	10
26	Promotional Effect of Manganese on Selective Catalytic Reduction of NO by CO in the Presence of Excess O2 over M@La–Fe/AC (M = Mn, Ce) Catalyst. Catalysts, 2020, 10, 1322.	3.5	8
27	Potentiality of Palm Oil Biomass with Cow Dung for compost production. KSCE Journal of Civil Engineering, 2015, 19, 1994-1999.	1.9	7
28	Synthesis and characterization of niobium-promoted cobalt/iron catalysts supported on carbon nanotubes for the hydrogenation of carbon monoxide. Journal of Fuel Chemistry and Technology, 2016, 44, 815-821.	2.0	7
29	Solvent-Free Synthesis of Jasminaldehyde in a Fixed-Bed Flow Reactor over Mg-Al Mixed Oxide. Catalysts, 2020, 10, 1033.	3.5	7
30	Hydrocracking of Heavy Fischer–Tropsch Wax Distillation Residues and Its Blends with Vacuum Gas Oil Using Phonolite-Based Catalysts. Molecules, 2021, 26, 7172.	3.8	6
31	CoMn Catalysts Derived from Hydrotalcite-Like Precursors for Direct Conversion of Syngas to Fuel Range Hydrocarbons. Catalysts, 2020, 10, 813.	3.5	3
32	Catalysts for Oxygen Reduction Reaction in the Polymer Electrolyte Membrane Fuel Cells: A Brief Review. Electrochem, 2021, 2, 590-603.	3.3	3
33	Modified silica-based heterogeneous catalysts for etherification of glycerol. AIP Conference Proceedings, 2015, , .	0.4	1
34	Rendering Fat and Heavy Fischer-Tropsch Waxes Mixtures (0–100%) Fast Pyrolysis Tests for the Production of Ethylene and Propylene. Processes, 2021, 9, 367.	2.8	1
35	Comparison of preparation techniques for CoFeNb/CNTs catalyst. AIP Conference Proceedings, 2016, , .	0.4	0