

# Zahra Gholami

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,952  
citations

394390

19  
h-index

377849

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of chitosan and its derivatives as adsorbents for dye removal from water and wastewater: A review. <i>Carbohydrate Polymers</i> , 2014, 113, 115-130.	10.2	844
2	Technologies for the nitrogen oxides reduction from flue gas: A review. <i>Science of the Total Environment</i> , 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. <i>Renewable and Sustainable Energy Reviews</i> , 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. <i>Catalysis Reviews - Science and Engineering</i> , 2021, 63, 512-595.	12.9	91
5	Chitosan hydrogel beads impregnated with hexadecylamine for improved reactive blue 4 adsorption. <i>Carbohydrate Polymers</i> , 2016, 137, 139-146.	10.2	73
6	Recent advances in selective catalytic reduction of NO <sub>x</sub> by carbon monoxide for flue gas cleaning process: a review. <i>Catalysis Reviews - Science and Engineering</i> , 2021, 63, 68-119.	12.9	68
7	Low-Temperature Selective Catalytic Reduction of NO by CO in the Presence of O <sub>2</sub> over Cu:Ce Catalysts Supported by Multiwalled Carbon Nanotubes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 8871-8883.	3.7	58
8	A Review on Production of Light Olefins via Fluid Catalytic Cracking. <i>Energies</i> , 2021, 14, 1089.	3.1	45
9	A review on composting of oil palm biomass. <i>Environment, Development and Sustainability</i> , 2015, 17, 691-709.	5.0	37
10	A Review on the Production of Light Olefins Using Steam Cracking of Hydrocarbons. <i>Energies</i> , 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. <i>Applied Catalysis A: General</i> , 2014, 479, 76-86.	4.3	32
12	Glycerol etherification to polyglycerols using Ca <sub>1-x</sub> Al <sub>x</sub> O <sub>3</sub> composite catalysts in a solventless medium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 117-122.	5.3	30
13	Nickel ion removal from aqueous solutions through the adsorption process: a review. <i>Reviews in Chemical Engineering</i> , 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. <i>Renewable Energy</i> , 2016, 99, 960-970.	8.9	25
15	Effect of ethanedioic acid functionalization on Ni/Al <sub>2</sub> O <sub>3</sub> catalytic hydrodeoxygenation and isomerization of octadec-9-enoic acid into biofuel: kinetics and Arrhenius parameters. <i>Journal of Energy Chemistry</i> , 2016, 25, 158-168.	12.9	25
16	Effective Adsorption of Reactive Black 5 onto Hybrid Hexadecylamine Impregnated Chitosan-Powdered Activated Carbon Beads. <i>Water (Switzerland)</i> , 2020, 12, 2242.	2.7	25
17	Selective Monolaurin Synthesis through Esterification of Glycerol Using Sulfated Zirconia-Loaded SBA-15 Catalyst. <i>Chemical Engineering Communications</i> , 2016, 203, 496-504.	2.6	21
18	Enhancing reactive blue 4 adsorption through chemical modification of chitosan with hexadecylamine and 3-aminopropyl triethoxysilane. <i>Journal of Water Process Engineering</i> , 2017, 15, 49-54.	5.6	21

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19	Oil Palm Biomass as an Adsorbent for Heavy Metals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 232, 61-88.	1.3	21
20	The influence of catalyst factors for sustainable production of hydrocarbons via Fischer-Tropsch synthesis. <i>Reviews in Chemical Engineering</i> , 2017, 33, .	4.4	19
21	Production of Light Olefins via Fischer-Tropsch Process Using Iron-Based Catalysts: A Review. <i>Catalysts</i> , 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. <i>New Journal of Chemistry</i> , 2020, 44, 709-718.	2.8	16
23	Surface Characterization of Carbonaceous Materials Using Inverse Gas Chromatography: A Review. <i>Electrochem</i> , 2020, 1, 367-387.	3.3	15
24	Selective Etherification of Glycerol over Heterogeneous Mixed Oxide Catalyst: Optimization of Reaction Parameters. <i>Chemical Engineering and Science</i> , 2013, 1, 79-86.	0.6	14
25	Catalytic Etherification of Glycerol to Diglycerol Over Heterogeneous Calcium-Based Mixed-Oxide Catalyst: Reusability and Stability. <i>Chemical Engineering Communications</i> , 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 O <sub>2</sub> over M@Laâ€“Fe/AC (M = Mn, Ce) Catalyst. <i>Catalysts</i> , 2020, 10, 1322.	3.5	8
27	Potentiality of Palm Oil Biomass with Cow Dung for compost production. <i>KSCE Journal of Civil Engineering</i> , 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. <i>Journal of Fuel Chemistry and Technology</i> , 2016, 44, 815-821.	2.0	7
29	Solvent-Free Synthesis of Jasminaldehyde in a Fixed-Bed Flow Reactor over Mg-Al Mixed Oxide. <i>Catalysts</i> , 2020, 10, 1033.	3.5	7
30	Hydrocracking of Heavy Fischerâ€“Tropsch Wax Distillation Residues and Its Blends with Vacuum Gas Oil Using Phonolite-Based Catalysts. <i>Molecules</i> , 2021, 26, 7172.	3.8	6
31	CoMn Catalysts Derived from Hydrotalcite-Like Precursors for Direct Conversion of Syngas to Fuel Range Hydrocarbons. <i>Catalysts</i> , 2020, 10, 813.	3.5	3
32	Catalysts for Oxygen Reduction Reaction in the Polymer Electrolyte Membrane Fuel Cells: A Brief Review. <i>Electrochem</i> , 2021, 2, 590-603.	3.3	3
33	Modified silica-based heterogeneous catalysts for etherification of glycerol. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
34	Rendering Fat and Heavy Fischer-Tropsch Waxes Mixtures (Oâ€“100%) Fast Pyrolysis Tests for the Production of Ethylene and Propylene. <i>Processes</i> , 2021, 9, 367.	2.8	1
35	Comparison of preparation techniques for CoFeNb/CNTs catalyst. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0