

# Mohammad Tazli Azizan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

633  
citations

567281

15  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic hydrodeoxygenation of triglycerides: An approach to clean diesel fuel production. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 80, 1072-1088.	16.4	138
2	Catalytic hydrodeoxygenation of rubber seed oil over sonochemically synthesized Ni-Mo/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalyst for green diesel production. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 90-102.	8.2	74
3	The effect of metal loading over Ni/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> and Mo/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalysts on reaction routes of hydrodeoxygenation of rubber seed oil for green diesel production. <i>Catalysis Today</i> , 2020, 355, 51-64.	4.4	50
4	Hydrogen production via CO <sub>2</sub> dry reforming of glycerol over Re Ni/CaO catalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20857-20871.	7.1	41
5	Hydrogen production from glycerol dry reforming over Ag-promoted Ni/Al <sub>2</sub> O <sub>3</sub> . <i>International Journal of Hydrogen Energy</i> , 2019, 44, 213-225.	7.1	41
6	Catalytic reforming of oxygenated hydrocarbons for the hydrogen production: an outlook. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8441-8464.	4.6	27
7	An insight into the effects of synthesis methods on catalysts properties for methane reforming. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105052.	6.7	25
8	Torrefaction of Empty Fruit Bunches in Inert Condition at Various Temperature and Time. <i>Procedia Engineering</i> , 2016, 148, 573-579.	1.2	22
9	Liquid value-added chemicals production from aqueous phase reforming of sorbitol and glycerol over sonosynthesized Ni-based catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105766.	6.7	22
10	Characterization of Ag-promoted Ni/SiO <sub>2</sub> Catalysts for Syngas Production via Carbon Dioxide (CO <sub>2</sub> ) Dry Reforming of Glycerol. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 220-229.	1.1	22
11	Physicochemical Properties of Ni-Mo/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Catalysts Synthesized via Sonochemical Method. <i>Procedia Engineering</i> , 2016, 148, 64-71.	1.2	21
12	Reforming of glycerol for hydrogen production over Ni based catalysts: Effect of support type. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 657-663.	2.3	21
13	In-situ hydrogenolysis of glycerol using hydrogen produced via aqueous phase reforming of glycerol over sonochemically synthesized nickel-based nano-catalyst. <i>Molecular Catalysis</i> , 2021, 514, 111860.	2.0	20
14	Carbon Dioxide Dry Reforming of Glycerol for Hydrogen Production using Ni/ZrO <sub>2</sub> and Ni/CaO as Catalysts. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 200-209.	1.1	20
15	Parametric Studies on Hydrodeoxygenation of Rubber Seed Oil for Diesel Range Hydrocarbon Production. <i>Energy &amp; Fuels</i> , 2020, 34, 4603-4617.	5.1	17
16	Effect of Calcium Doping Using Aqueous Phase Reforming of Glycerol over Sonochemically Synthesized Nickel-Based Supported ZrO <sub>2</sub> Catalyst. <i>Catalysts</i> , 2021, 11, 977.	3.5	14
17	H-Y zeolite as hydrodeoxygenation catalyst for diesel range hydrocarbon production from rubber seed oil. <i>Materials Today: Proceedings</i> , 2019, 16, 1742-1749.	1.8	13
18	Process optimization of green diesel selectivity and understanding of reaction intermediates. <i>Renewable Energy</i> , 2020, 149, 1092-1106.	8.9	13

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19	Thermodynamic Equilibrium Analysis of Triolein Hydrodeoxygenation for Green Diesel Production. <i>Procedia Engineering</i> , 2016, 148, 1369-1376.	1.2	10
20	Effects of ultrasound irradiations time over Ni-Mo-Al <sub>2</sub> O <sub>3</sub> catalyst synthesis for 1,3-Propanediol selectively via aqueous phase reforming of glycerol. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 3, 100096.	6.1	10
21	Thermodynamic Analysis of Autothermal Reforming of Oxygenated Hydrocarbons at Thermoneutral Condition for Hydrogen Production. <i>Applied Mechanics and Materials</i> , 0, 625, 730-733.	0.2	4
22	Effects of Ultrasound Irradiation on Synthesis of Solid Acid Catalysts. <i>Key Engineering Materials</i> , 0, 701, 67-72.	0.4	3
23	Aqueous phase reforming of sorbitol over Ca doped Ni/Al <sub>2</sub> O <sub>3</sub> for value-added chemicals production. <i>Materials Today: Proceedings</i> , 2018, 5, 21728-21736.	1.8	3
24	Thermodynamic Analysis of Aqueous Phase Reforming of Sorbitol. <i>Journal of Computational and Theoretical Nanoscience</i> , 2020, 17, 1004-1008.	0.4	2
25	Ethanol Steam Reforming over Calcium Doped Ni/Al <sub>2</sub> O <sub>3</sub> Catalyst. <i>Applied Mechanics and Materials</i> , 0, 625, 271-274.	0.2	0