

# Raja Mohamad Hafriz Raja Shahrुzzam

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

128  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Optimization of Microwave-Based Bio-Jet Fuel from Coconut Oil: Investigation of Response Surface Methodology (RSM) and Artificial Neural Network Methodology (ANN). <i>Energies</i> , 2021, 14, 295.	3.1	21
2	Green Biofuel Production via Catalytic Pyrolysis of Waste Cooking Oil using Malaysian Dolomite Catalyst. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 489-501.	1.1	21
3	Effect of Ni/Malaysian dolomite catalyst synthesis technique on deoxygenation reaction activity of waste cooking oil. <i>Renewable Energy</i> , 2021, 178, 128-143.	8.9	20
4	Comparative study of transition metal-doped calcined Malaysian dolomite catalysts for WCO deoxygenation reaction. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8146-8159.	4.9	16
5	H <sub>2</sub> -Rich and Tar-Free Downstream Gasification Reaction of EFB by Using the Malaysian Dolomite as a Secondary Catalyst. <i>Catalysts</i> , 2021, 11, 447.	3.5	13
6	Characterization and Application of Aluminum Dross as Catalyst in Pyrolysis of Waste Cooking Oil. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017, 12, 81-88.	1.1	13
7	Multiple-objective optimization in green fuel production via catalytic deoxygenation reaction with NiO-dolomite catalyst. <i>Fuel</i> , 2022, 308, 122041.	6.4	12
8	Characterization and Application of Molten Slag as Catalyst in Pyrolysis of Waste Cooking Oil. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 119-127.	1.1	6
9	Modified local carbonate mineral as deoxygenated catalyst for biofuel production via catalytic pyrolysis of waste cooking oil. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
10	Lipase-catalyzed Production and Purification of Palm Esters Using Stirred Tank Reactors (STR). <i>Journal of Oleo Science</i> , 2019, 68, 329-337.	1.4	2