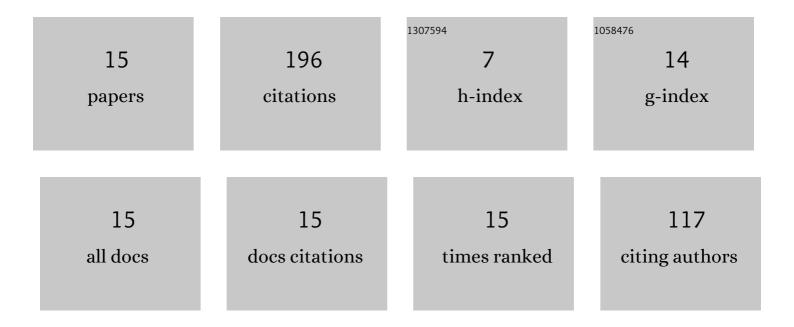
## Zulkarnain Jalil

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Properties Enhancement Nano Coconut Shell Filled in Packaging Plastic Waste Bionanocomposite. Polymers, 2022, 14, 772.	4.5	5
2	Microwave absorbing properties of teflon coating for x-band frequencies. AIP Conference Proceedings, 2021, , .	0.4	1
3	Hydrogen Desorption Properties of MgH2 + 10 wt% SiO2 + 5 wt% Ni Prepared by Planetary Ball Milling. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 280-285.	1.1	24
4	Assessment of Arsenic Levels in Water, Sediment, and Human Hair around le Seu'um Geothermal Manifestation Area, Aceh, Indonesia. Water (Switzerland), 2021, 13, 2343.	2.7	7
5	Oceanographic Factors as the Indicators for Shipyard Industry Development in Kutaraja Fishing Port: A Preliminary Study. Journal of Ecological Engineering, 2021, 22, 237-245.	1.1	7
6	The analysis of clean water need for fishing activities in Kutaraja Fishing Port, Aceh Indonesia. Australian Journal of Maritime and Ocean Affairs, 2021, 13, 1-11.	2.0	3
7	The Effect of Natural Silica from Rice Husk Ash and Nickel as a Catalyst on the Hydrogen Storage Properties of MgH <sub>2</sub> . Journal of Ecological Engineering, 2021, 22, 79-85.	1.1	21
8	Synthesis of Chitosan-Silver Nanoparticle Composite Spheres and Their Antimicrobial Activities. Polymers, 2021, 13, 3990.	4.5	23
9	Synthesis of nano-hematite (Fe2O3) extracted from natural iron ore prepared by mechanical alloying method. AIP Conference Proceedings, 2019, , .	0.4	8
10	The use of Silica from beach sand as catalyst in Magnesium based hydrides for Hydrogen storage materials. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012093.	0.3	7
11	MgH <sub>2</sub> -SiC based hydrogen storage material prepared by reactive mechanical alloying method. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012098.	0.3	17
12	The use of nano-silicon carbide and nickel as catalyst in magnesium hydrides (MgH <sub>2</sub> ) for hydrogen storage material application. Materials Research Express, 2018, 5, 064002.	1.6	24
13	The role of nano-Ni catalyst in MgH2 obtained by reactive mechanical milling method for solid hydrogen storage application. AlP Conference Proceedings, 2017, , .	0.4	13
14	Studi Katalis Ni Nano pada Material Penyimpan Hidrogen MgH2 yang Dipreparasi melalui Teknik Mechanical Alloying. Indonesian Journal of Applied Physics, 2016, 6, 1.	0.1	1
15	Desorption Temperature Characteristic of Mg-based Hydrides Catalyzed by Nano-SiO2 Prepared by High Energy Ball Milling. International Journal of Technology, 2016, 7, 1301.	0.8	35