

# Teguh Kurniawan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7737716/publications.pdf>

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18  
papers

273  
citations

1040056

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h-index

1199594

12  
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18  
all docs

18  
docs citations

18  
times ranked

261  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Dimethyl ether to olefins over dealuminated mordenite (MOR) zeolites derived from natural minerals. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 28, 566-571.   | 4.4 | 46        |
| 2  | Cracking of n-hexane over hierarchical MOR zeolites derived from natural minerals. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 61, 20-25.   | 5.3 | 35        |
| 3  | Mechanochemical Route and Recrystallization Strategy To Fabricate Mordenite Nanoparticles from Natural Zeolites. <i>Crystal Growth and Design</i> , 2017, 17, 3313-3320.   | 3.0 | 31        |
| 4  | Isomerization of <i>n</i> -Butane over Cost-Effective Mordenite Catalysts Fabricated via Recrystallization of Natural Zeolites. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 1894-1902.            | 3.7 | 28        |
| 5  | Conversion of Dimethyl Ether to Olefins over Nanosized Mordenite Fabricated by a Combined High-Energy Ball Milling with Recrystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 4258-4266. | 3.7 | 25        |
| 6  | Development of Chitosan-TiO <sub>2</sub> Nanocomposite for Packaging Film and its Ability to Inactive <i>Staphylococcus Aureus</i> . <i>Oriental Journal of Chemistry</i> , 2019, 35, 1132-1137.                         | 0.3 | 21        |
| 7  | Selective Isomerization of <i>n</i> -Butane over Mordenite Nanoparticles Fabricated by a Sequential Ball Milling "Recrystallization" Dealumination Route. <i>Energy &amp; Fuels</i> , 2017, 31, 12691-12700.             | 5.1 | 20        |
| 8  | Experimental Investigation of Aluminosilicate Nanoparticles for Enhanced Recovery of Waxy Crude Oil. <i>Energy &amp; Fuels</i> , 2019, 33, 6076-6082.  | 5.1 | 20        |
| 9  | Hydrothermal stability of MTT zeolite in hot water: The role of La and Ce. <i>Microporous and Mesoporous Materials</i> , 2016, 233, 93-101.  | 4.4 | 18        |
| 10 | Improving Ammonium Sorption of Bayah Natural Zeolites by Hydrothermal Method. <i>Processes</i> , 2020, 8, 1569.  | 2.8 | 7         |
| 11 | Characterization and Application of Bayah Natural Zeolites for Ammonium Capture: Isotherm and Kinetic. <i>Materials Science Forum</i> , 0, 988, 51-64.   | 0.3 | 6         |
| 12 | Phenolic Analysis and Characterization of Palm Sugar ( <i>Arenga pinnata</i> ) Produced by The Spray dryer. <i>Oriental Journal of Chemistry</i> , 2019, 35, 150-156.  | 0.3 | 5         |
| 13 | The Use of Natural Zeolite as A Catalyst for Esterification Reaction Between Glycerol and Oleic Acid. <i>Reaktor</i> , 2019, 19, 172-179.  | 0.3 | 5         |
| 14 | Catalytic pyrolysis of coconut oil soap using zeolites for bio-hydrocarbon production. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.   | 4.6 | 4         |
| 15 | A kinetic model approach for predicting coke reactivity index from coal and coal blend properties. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 1318-1335.                               | 2.1 | 1         |
| 16 | Improved Natural Mordenite as Low-Cost Catalyst for Glycerol Acetalization into Solketal " An Effective Fuel Additive. <i>Materials Science Forum</i> , 0, 1057, 71-87.  | 0.3 | 1         |
| 17 | Ammonium adsorption from wastewater using Malang natural zeolites. <i>AIP Conference Proceedings</i> , 2021, , .   | 0.4 | 0         |
| 18 | Effect of Intermittent Agitating during Hydrothermal Synthesis on Mordenite Properties and Ammonium Adsorption. <i>Materials Science Forum</i> , 0, 1057, 91-97.   | 0.3 | 0         |