

# Muhammad Ghozali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7790886/publications.pdf>

Version: 2024-02-01

23  
papers

220  
citations

1163117  
8  
h-index

1058476  
14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

174  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Lignin as Green Filler in Polymer Composites: Development Methods, Characteristics, and Potential Applications. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-33.                           | 1.8 | 43        |
| 2  | Effect of lignin on mechanical, biodegradability, morphology, and thermal properties of polypropylene/polylactic acid/lignin biocomposite. <i>Plastics, Rubber and Composites</i> , 2019, 48, 82-92.               | 2.0 | 31        |
| 3  | Synthesis and characterization of bacterial cellulose by <i>Acetobacter xylinum</i> using liquid tapioca waste. <i>Materials Today: Proceedings</i> , 2021, 44, 2131-2134.   | 1.8 | 23        |
| 4  | Optimization of maleic acid pretreatment of oil palm empty fruit bunches (OPEFB) using response surface methodology to produce reducing sugars. <i>Industrial Crops and Products</i> , 2021, 171, 113971.          | 5.2 | 22        |
| 5  | PLA/metal oxide biocomposites for antimicrobial packaging application. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1332-1342.   | 1.3 | 19        |
| 6  | Preparation and Characterization of Polyurethane Modified Epoxy with Various Types of Polyol. <i>Macromolecular Symposia</i> , 2015, 353, 154-160.   | 0.7 | 11        |
| 7  | Preparation and Characterization of Biomass-Derived Advanced Carbon Materials for Lithium-Ion Battery Applications. <i>Journal of Electronic Materials</i> , 2018, 47, 4028-4037.                                  | 2.2 | 11        |
| 8  | Hydrothermal liquefaction of palm oil empty fruit bunch (EFB) into bio-oil in different organic solvents. <i>AIP Conference Proceedings</i> , 2016, , .  | 0.4 | 9         |
| 9  | Synthesis of Polyurethane/Silica Modified Epoxy Polymer Based on 1,3-Propanediol for Coating Application. <i>Indonesian Journal of Chemistry</i> , 2017, 17, 477.  | 0.8 | 6         |
| 10 | Effect of reaction time on the molecular weight distribution of polyurethane modified epoxy and its properties. <i>Journal of Materials Research and Technology</i> , 2022, 19, 2204-2214.                         | 5.8 | 6         |
| 11 | Effect of Solvent Combination on Electrospun Stereocomplex Polylactic Acid Nanofiber Properties. <i>Macromolecular Symposia</i> , 2020, 391, 1900134.  | 0.7 | 5         |
| 12 | Preparation and characterization of edible films from starch nanoparticles and chitosan. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2021, 10, 1-7.  | 0.9 | 5         |
| 13 | Influence of different structures of palm oil-based polyol on the mechanical and thermal properties of hybrid resin from polyurethane-/polysiloxane-modified epoxy. <i>Polymer Bulletin</i> , 2021, 78, 2121-2138. | 3.3 | 5         |
| 14 | Effect of Size of Cellulose Particle as Filler in the PVC Biocomposites on their Thermal and Mechanical Properties. <i>Materials Science Forum</i> , 0, 737, 67-73.  | 0.3 | 4         |
| 15 | Thermal properties of polylactic acid/zinc oxide biocomposite films. <i>AIP Conference Proceedings</i> , 2018, , .   | 0.4 | 4         |
| 16 | Characterization of Artemisinin Solid Dispersion in Maltodextrin and Gum Arabic by Freeze Dried and High Energy Milling Methods. <i>Macromolecular Symposia</i> , 2020, 391, 1900186.                              | 0.7 | 4         |
| 17 | Effect of metal oxide as antibacterial agent on thermoplastic starch/metal oxide biocomposites properties. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1317-1325.                                 | 1.3 | 4         |
| 18 | Enhancement of the Mechanical, Self-Healing and Pollutant Adsorption Properties of Mortar Reinforced with Empty Fruit Bunches and Shell Chars of Oil Palm. <i>Polymers</i> , 2022, 14, 410.                        | 4.5 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Highly Stretchable and Sensitive Single-Walled Carbon Nanotube-Based Sensor Decorated on a Polyether Ester Urethane Substrate by a Low Hydrothermal Process. ACS Omega, 2021, 6, 34866-34875. | 3.5 | 2         |
| 20 | Effect of reaction time and polyethylene glycol monooleate-isocyanate composition on the properties of polyurethane-polysiloxane modified epoxy. AIP Conference Proceedings, 2017, , .        | 0.4 | 1         |
| 21 | Effect of Concentration on the Ionic Interaction between Polystyrene Sulfonate and Cationic Surfactant in Aqueous Solution. Materials Science Forum, 2018, 916, 24-29.                        | 0.3 | 1         |
| 22 | Lignin and Its Composites. Springer Series on Polymer and Composite Materials, 2020, , 181-202.   | 0.7 | 0         |
| 23 | Effect of lignin on bio-based/oil-based polymer blends. , 2022, , 251-291.  |     | 0         |