

Muhammad Ghozali

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

220
citations

1305906

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1181555

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23
all docs

23
docs citations

23
times ranked

197
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.	1.0	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.	0.9	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.	0.9	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.	2.5	22
5	PLA/metal oxide biocomposites for antimicrobial packaging application. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1332-1342.	0.6	19
6	Preparation and Characterization of Polyurethane Modified Epoxy with Various Types of Polyol. <i>Macromolecular Symposia</i> , 2015, 353, 154-160.	0.4	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.	1.0	11
8	Hydrothermal liquefaction of palm oil empty fruit bunch (EFB) into bio-oil in different organic solvents. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	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.	0.3	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.	2.6	6
11	Effect of Solvent Combination on Electrospun Stereocomplex Polylactic Acid Nanofiber Properties. <i>Macromolecular Symposia</i> , 2020, 391, 1900134.	0.4	5
12	Preparation and characterization of edible films from starch nanoparticles and chitosan. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2021, 10, 1-7.	0.7	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.	1.7	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, , .	0.3	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.	0.4	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.	0.6	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.	2.0	4

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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.	1.6	2
20	Effect of reaction time and polyethylene glycol monooleate-isocyanate composition on the properties of polyurethane-polysiloxane modified epoxy. AIP Conference Proceedings, 2017, , .	0.3	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.	0.5	0
23	Effect of lignin on bio-based/oil-based polymer blends. , 2022, , 251-291.		0