

Mujtahid Kaavessina

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Industrial Implementation of Aluminum Trihydrate-Fiber Composition for Fire Resistance and Mechanical Properties in Glass-Fiber-Reinforced Polymer Roofs. <i>Polymers</i> , 2022, 14, 1273.	2.0	1
2	Diversifikasi Pemanfaatan Minyak Biji Nyamplung sebagai Upaya Meningkatkan Nilai Tambah Produksi di CV Plantanesia. <i>SEMAR (Jurnal Ilmu Pengetahuan Teknologi Dan Seni Bagi Masyarakat)</i> , 2022, 11, 76.	0.1	0
3	Bead gels based on carrageenan-cassava bagasse as a urea controlled release fertilizer. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	1
4	A Slow-Release Fertilizer of Urea Prepared via Melt Blending with Degradable Poly(lactic acid): Formulation and Release Mechanisms. <i>Polymers</i> , 2021, 13, 1856.	2.0	9
5	Continuous Bioethanol Production Using Uncontrolled Process in a Laboratory Scale of Integrated Aerobicâ€“Anaerobic Baffled Reactor. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 172-178.	0.5	3
6	Viscoelastic Behavior and Thermal Stability of Poly(Lactic Acid) Bioâ€“Composite Filled with Microâ€“Graphite. <i>Macromolecular Symposia</i> , 2020, 391, 1900140.	0.4	1
7	Preparation and characterization of micro-graphite filled poly(lactic acid) composites: Part 2 - Crystallinity and electrical properties. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
8	The effects of molecular weight of poly lactic acid matrix on release time of smart urea fertilizer (SUF). <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
9	Blends of low molecular weight of poly lactic acid (PLA) with gondorukem (gum rosin). <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
10	Carboxymethyl konjac glucomannan from konjac flour: The effect of media and temperature on carboxymethylation rate. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
11	Non-Isothermal Crystallization and Viscoelastic Behavior of Polypropylene/Nanoclay Composites Fabricated from Masterbatch by Using a Mini Extruder. <i>Defect and Diffusion Forum</i> , 2018, 382, 89-93.	0.4	0
12	Study on the carboxymethylation of glucomannan from porang. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
13	Performance investigation of a pilot scale integrated aerobicâ€“anaerobic baffle reactor for continuous ethanol production process under various sugar-feeding rates. <i>Energy Exploration and Exploitation</i> , 2018, 36, 149-165.	1.1	1
14	The influence of pH adjustment on kinetics parameters in tapioca wastewater treatment using aerobic sequencing batch reactor system. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
15	The properties degradation of exposed GFRP roof. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
16	Poly(Vinyl Alcohol) Fiber Reinforced High Density Poly(Ethylene) Composites: Dynamic Mechanical Thermal Analysis. <i>Key Engineering Materials</i> , 2018, 773, 46-50.	0.4	2
17	A preliminary study on performance of <i>Saccharomyces cerevisiae</i> n0 DY 7221 immobilized using grafted bioflocculant in bioethanol production. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
18	Date Palm Fiber Reinforced High Density Polyethylene Composites: Effect of Fiber Loadings on the Melt Rheological Behavior. <i>Key Engineering Materials</i> , 2018, 773, 40-45.	0.4	2

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19	Poly(Vinyl Alcohol) Fiber Reinforced High Density Poly(Ethylene) Composites: Melting and Crystallization Behavior. Key Engineering Materials, 2018, 773, 100-105.	0.4	1
20	Processing and properties of high density polyethylene/date palm fiber composites prepared by a laboratory mixing extruder. Journal of Mechanical Engineering and Sciences, 2018, 12, 3771-3785.	0.3	11
21	Formation of fine particles using supercritical fluid (SCF) process: Short review. Communications in Science and Technology, 2018, 3, 57-63.	0.4	5
22	Lactic acid production from date juice using <i>Lactobacillus casei</i> ATCC 393 in batch fermentation. MATEC Web of Conferences, 2017, 101, 02002.	0.1	3
23	Polypropylene/multiwall carbon nanotubes nanocomposites: Nanoindentation, dynamic mechanical, and electrical properties. Journal of Applied Polymer Science, 2017, 134, 45293.	1.3	14
24	Synthesis of grafted flocculants based on several kinds of starch and its performance in water turbidity removal. MATEC Web of Conferences, 2017, 101, 01003.	0.1	5
25	Rheological and mechanical properties of polypropylene/calcium carbonate nanocomposites prepared from masterbatch. Journal of Thermoplastic Composite Materials, 2016, 29, 593-622.	2.6	32
26	The influences of elastomer toward degradability of poly (lactic acid). AIP Conference Proceedings, 2016, , .	0.3	2
27	Characterization of poly(lactic acid)/hydroxyapatite prepared by a solvent-blending technique. Journal of Elastomers and Plastics, 2015, 47, 753-768.	0.7	10
28	Preparation and characterization of poly(lactic acid)/elastomer blends prepared by melt blending technique. Journal of Elastomers and Plastics, 2014, 46, 253-268.	0.7	6
29	Multiwall carbon nanotubes filled polypropylene nanocomposites: Rheological and electrical properties. Polymer Engineering and Science, 2014, 54, 1134-1143.	1.5	18
30	Polypropylene/organoclay nanocomposites prepared using a Laboratory Mixing Extruder (LME): crystallization, thermal stability and dynamic mechanical properties. Journal of Polymer Research, 2014, 21, 1.	1.2	18
31	<i>In Vitro</i> Biodegradability of Poly(lactic Acid)/Hydroxyapatite Biocomposites Prepared by Solvent-Blending Technique. Advanced Materials Research, 2012, 626, 631-635.	0.3	4
32	Crystallization behavior of poly(lactic acid)/elastomer blends. Journal of Polymer Research, 2012, 19, 1.	1.2	22
33	Effect of Date Palm Fiber Loadings on the Mechanical Properties of High Density Polyethylene/Date Palm Fiber Composites. Key Engineering Materials, 0, 773, 94-99.	0.4	5
34	Production of Microsphere Polystyrene Using Solution Enhanced Dispersion by CO ₂ and Supercritical Fluids (SEDS). Key Engineering Materials, 0, 805, 146-152.	0.4	0
35	Preparation and Characterization of Micro-Graphite Filled Poly(Lactic Acid) Composites: Part 1 - Rheological and Thermal Properties. Materials Science Forum, 0, 981, 138-143.	0.3	1
36	Optimization of tapioca wastewater treatment in sequencing batch reactor (SBR) using alkaline pre-chlorination. , 0, 195, 14-22.		0