

Mujtahid Kaavessina

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

188
citations

1162367

8
h-index

1125271

13
g-index

36
all docs

36
docs citations

36
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological and mechanical properties of polypropylene/calcium carbonate nanocomposites prepared from masterbatch. <i>Journal of Thermoplastic Composite Materials</i> , 2016, 29, 593-622.	2.6	32
2	Crystallization behavior of poly(lactic acid)/elastomer blends. <i>Journal of Polymer Research</i> , 2012, 19, 1.	1.2	22
3	Multiwall carbon nanotubes filled polypropylene nanocomposites: Rheological and electrical properties. <i>Polymer Engineering and Science</i> , 2014, 54, 1134-1143.	1.5	18
4	Polypropylene/organoclay nanocomposites prepared using a Laboratory Mixing Extruder (LME): crystallization, thermal stability and dynamic mechanical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	18
5	Polypropylene/multiwall carbon nanotubes nanocomposites: Nanoindentation, dynamic mechanical, and electrical properties. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45293.	1.3	14
6	Processing and properties of high density polyethylene/date palm fiber composites prepared by a laboratory mixing extruder. <i>Journal of Mechanical Engineering and Sciences</i> , 2018, 12, 3771-3785.	0.3	11
7	Characterization of poly(lactic acid)/hydroxyapatite prepared by a solvent-blending technique. <i>Journal of Elastomers and Plastics</i> , 2015, 47, 753-768.	0.7	10
8	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
9	Preparation and characterization of poly(lactic acid)/elastomer blends prepared by melt blending technique. <i>Journal of Elastomers and Plastics</i> , 2014, 46, 253-268.	0.7	6
10	Synthesis of grafted flocculants based on several kinds of starch and its performance in water turbidity removal. <i>MATEC Web of Conferences</i> , 2017, 101, 01003.	0.1	5
11	Effect of Date Palm Fiber Loadings on the Mechanical Properties of High Density Polyethylene/Date Palm Fiber Composites. <i>Key Engineering Materials</i> , 0, 773, 94-99.	0.4	5
12	Formation of fine particles using supercritical fluid (SCF) process: Short review. <i>Communications in Science and Technology</i> , 2018, 3, 57-63.	0.4	5
13	<i>In Vitro</i> Biodegradability of Poly(lactic Acid)/Hydroxyapatite Biocomposites Prepared by Solvent-Blending Technique. <i>Advanced Materials Research</i> , 2012, 626, 631-635.	0.3	4
14	Lactic acid production from date juice using <i>Lactobacillus casei</i> ATCC 393 in batch fermentation. <i>MATEC Web of Conferences</i> , 2017, 101, 02002.	0.1	3
15	Study on the carboxymethylation of glucomannan from porang. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
16	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
17	Continuous Bioethanol Production Using Uncontrolled Process in a Laboratory Scale of Integrated Aerobic-Anaerobic Baffled Reactor. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 172-178.	0.5	3
18	The influences of elastomer toward degradability of poly (lactic acid). <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2

#	ARTICLE	IF	CITATIONS
19	The properties degradation of exposed GFRP roof. AIP Conference Proceedings, 2018, , .	0.3	2
20	Poly(Vinyl Alcohol) Fiber Reinforced High Density Poly(Ethylene) Composites: Dynamic Mechanical Thermal Analysis. Key Engineering Materials, 2018, 773, 46-50.	0.4	2
21	Date Palm Fiber Reinforced High Density Polyethylene Composites: Effect of Fiber Loadings on the Melt Rheological Behavior. Key Engineering Materials, 2018, 773, 40-45.	0.4	2
22	Blends of low molecular weight of poly lactic acid (PLA) with gondorukem (gum rosin). AIP Conference Proceedings, 2018, , .	0.3	1
23	Performance investigation of a pilot scale integrated aerobicâ€œanaerobic baffle reactor for continuous ethanol production process under various sugar-feeding rates. Energy Exploration and Exploitation, 2018, 36, 149-165.	1.1	1
24	Poly(Vinyl Alcohol) Fiber Reinforced High Density Poly(Ethylene) Composites: Melting and Crystallization Behavior. Key Engineering Materials, 2018, 773, 100-105.	0.4	1
25	The effects of molecular weight of poly lactic acid matrix on release time of smart urea fertilizer (SUF). AIP Conference Proceedings, 2019, , .	0.3	1
26	Viscoelastic Behavior and Thermal Stability of Poly(Lactic Acid) Bioâ€œComposite Filled with Microâ€œGraphite. Macromolecular Symposia, 2020, 391, 1900140.	0.4	1
27	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
28	Bead gels based on carrageenan-cassava bagasse as a urea controlled release fertilizer. AIP Conference Proceedings, 2021, , .	0.3	1
29	Preparation and characterization of micro-graphite filled poly(lactic acid) composites: Part 2 - Crystallinity and electrical properties. AIP Conference Proceedings, 2020, , .	0.3	1
30	Industrial Implementation of Aluminum Trihydrate-Fiber Composition for Fire Resistance and Mechanical Properties in Glass-Fiber-Reinforced Polymer Roofs. Polymers, 2022, 14, 1273.	2.0	1
31	Carboxymethyl konjac glucomannan from konjac flour: The effect of media and temperature on carboxymethylation rate. AIP Conference Proceedings, 2018, , .	0.3	0
32	Non-Isothermal Crystallization and Viscoelastic Behavior of Polypropylene/Nanoclay Composites Fabricated from Masterbatch by Using a Mini Extruder. Defect and Diffusion Forum, 2018, 382, 89-93.	0.4	0
33	A preliminary study on performance of Saccharomyces cerevisiae n0 DY 7221 immobilized using grafted bioflocculant in bioethanol production. AIP Conference Proceedings, 2018, , .	0.3	0
34	Production of Microsphere Polystyrene Using Solution Enhanced Dispersion by CO<sub>2</sub><sub>2</sub> Supercritical Fluids (SEDS). Key Engineering Materials, 0, 805, 146-152.	0.4	0
35	Optimization of tapioca wastewater treatment in sequencing batch reactor (SBR) using alkaline pre-chlorination. , 0, 195, 14-22.		0
36	Diversifikasi Pemanfaatan Minyak Biji Nyamplung sebagai Upaya Meningkatkan Nilai Tambah Produksi di CV Plantanesia. SEMAR (Jurnal Ilmu Pengetahuan Teknologi Dan Seni Bagi Masyarakat), 2022, 11, 76.	0.1	0