

# Salit Mohd Sapuan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

259  
papers

7,814  
citations

50  
h-index

79  
g-index

275  
ext. papers

10,054  
ext. citations

3  
avg, IF

7  
L-index

#	Paper	IF	Citations
259	Effect of stacking sequence and fiber content on mechanical and morphological properties of woven kenaf/polyester fiber reinforced polylactic acid (PLA) hybrid laminated composites. <i>Journal of Materials Research and Technology</i> , <b>2022</b> , 16, 1190-1201	5.5	0
258	3D Printing and Shaping Polymers, Composites, and Nanocomposites: A Review.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	11
257	Physical, Mechanical, and Morphological Performances of Arrowroot () Fiber Reinforced Arrowroot Starch Biopolymer Composites.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	1
256	Design for Safety in Composites. <i>Composites Science and Technology</i> , <b>2022</b> , 95-113		
255	Composites and Biocomposites: Manufacturing and Processing. <i>Composites Science and Technology</i> , <b>2022</b> , 15-33		
254	Safety in Composite Laboratory. <i>Composites Science and Technology</i> , <b>2022</b> , 67-94		
253	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	32
252	Pyrolysis of polypropylene plastic waste into carbonaceous char: Priority of plastic waste management amidst COVID-19 pandemic. <i>Science of the Total Environment</i> , <b>2022</b> , 803, 149911	10.2	21
251	Advanced Composite in Aerospace Applications: Opportunities, Challenges, and Future Perspective <b>2022</b> , 471-498		1
250	Advanced Potential Hybrid Biocomposites in Aerospace Applications: A Comprehensive Review <b>2022</b> , 127-148		
249	Introduction to nanocellulose production from biological waste <b>2022</b> , 1-37		0
248	Natural-Fiber-Reinforced Chitosan, Chitosan Blends and Their Nanocomposites for Various Advanced Applications.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	22
247	Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	9
246	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. <i>Functional Composites and Structures</i> , <b>2022</b> , 4, 015009	3.5	4
245	Thermal, flammability, and antimicrobial properties of arrowroot (Maranta arundinacea) fiber reinforced arrowroot starch biopolymer composites for food packaging applications. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 213, 1-10	7.9	0
244	Oxygen permeability properties of nanocellulose reinforced biopolymer nanocomposites. <i>Materials Today: Proceedings</i> , <b>2021</b> ,	1.4	2
243	Low-Temperature Thermal Degradation of Disinfected COVID-19 Non-Woven Polypropylene-Based Isolation Gown Wastes into Carbonaceous Char. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6

242	Use of Industrial Wastes as Sustainable Nutrient Sources for Bacterial Cellulose (BC) Production: Mechanism, Advances, and Future Perspectives. <i>Polymers</i> , <b>2021</b> , 13,	4.5	16
241	Development and Characterization of Cornstarch-Based Bioplastics Packaging Film Using a Combination of Different Plasticizers. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6
240	Physical, Mechanical, and Morphological Properties of Treated Sugar Palm/Glass Reinforced Poly(Lactic Acid) Hybrid Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	3
239	Critical Review of Natural Fiber Reinforced Hybrid Composites: Processing, Properties, Applications and Cost. <i>Polymers</i> , <b>2021</b> , 13,	4.5	12
238	Wheat Biocomposite Extraction, Structure, Properties and Characterization: A Review. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
237	Determination of the Tensile Properties and Biodegradability of Cornstarch-Based Biopolymers Plasticized with Sorbitol and Glycerol. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
236	Antimicrobial Edible Film Prepared from Bacterial Cellulose Nanofibers/Starch/Chitosan for a Food Packaging Alternative. <i>International Journal of Polymer Science</i> , <b>2021</b> , 2021, 1-11	2.4	23
235	Effect of alkali treatment of piper beetle fiber on tensile properties as biocomposite based polylactic acid: Solvent cast-film method. <i>Materials Today: Proceedings</i> , <b>2021</b> ,	1.4	5
234	Fabrication, Functionalization, and Application of Carbon Nanotube-Reinforced Polymer Composite: An Overview. <i>Polymers</i> , <b>2021</b> , 13,	4.5	83
233	Characterization of compressed bacterial cellulose nanopaper film after exposure to dry and humid conditions. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 11, 896-904	5.5	20
232	Antimicrobial activity, physical, mechanical and barrier properties of sugar palm based nanocellulose/starch biocomposite films incorporated with cinnamon essential oil. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 11, 144-157	5.5	25
231	Flammability, Tensile, and Morphological Properties of Oil Palm Empty Fruit Bunches Fiber/Pet Yarn-Reinforced Epoxy Fire Retardant Hybrid Polymer Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	28
230	Polylactic Acid (PLA) Biocomposite: Processing, Additive Manufacturing and Advanced Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	68
229	Delamination and Manufacturing Defects in Natural Fiber-Reinforced Hybrid Composite: A Review. <i>Polymers</i> , <b>2021</b> , 13,	4.5	29
228	Effects of the liquid natural rubber (LNR) on mechanical properties and microstructure of epoxy/silica/kenaf hybrid composite for potential automotive applications. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 12, 1026-1038	5.5	21
227	Kenaf Fiber/Pet Yarn Reinforced Epoxy Hybrid Polymer Composites: Morphological, Tensile, and Flammability Properties. <i>Polymers</i> , <b>2021</b> , 13,	4.5	14
226	Development and Characterization of Polypropylene Waste from Personal Protective Equipment (PPE)-Derived Char-Filled Sugar Palm Starch Biocomposite Briquettes. <i>Polymers</i> , <b>2021</b> , 13,	4.5	17
225	Polymer Composites Filled with Metal Derivatives: A Review of Flame Retardants. <i>Polymers</i> , <b>2021</b> , 13,	4.5	38

224	A Review on Mechanical Performance of Hybrid Natural Fiber Polymer Composites for Structural Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	39
223	Natural Fiber Reinforced Composite Material for Product Design: A Short Review. <i>Polymers</i> , <b>2021</b> , 13,	4.5	34
222	Effect of glycerol plasticizer loading on the physical, mechanical, thermal, and barrier properties of arrowroot ( <i>Maranta arundinacea</i> ) starch biopolymers. <i>Scientific Reports</i> , <b>2021</b> , 11, 13900	4.9	35
221	Recent developments in sustainable arrowroot ( <i>Maranta arundinacea</i> Linn) starch biopolymers, fibres, biopolymer composites and their potential industrial applications: A review. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 13, 1191-1219	5.5	23
220	Effect of hydrolysis time on the morphological, physical, chemical, and thermal behavior of sugar palm nanocrystalline cellulose ( <i>Arenga pinnata</i> (Wurmb.) Merr). <i>Textile Reseach Journal</i> , <b>2021</b> , 91, 152-167	4.7	86
219	Effect of winding orientation on energy absorption and failure modes of filament wound kenaf/glass fibre reinforced epoxy hybrid composite tubes under intermediate-velocity impact (IVI) load. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 10, 1-14	5.5	18
218	Characterization, Thermal and Antimicrobial Properties of Hybrid Cellulose Nanocomposite Films with in-Situ Generated Copper Nanoparticles in Tamarindus indica Nut Powder. <i>Journal of Polymers and the Environment</i> , <b>2021</b> , 29, 1134-1142	4.5	18
217	Impact and internal pressure failure of E-glass and S-glass epoxy composite elbow pipe joints influenced by sea water. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , <b>2021</b> , 235, 116-123	1.5	4
216	Potential of Natural Fiber Reinforced Polymer Composites in Sandwich Structures: A Review on Its Mechanical Properties. <i>Polymers</i> , <b>2021</b> , 13,	4.5	88
215	Micro- and Nanocellulose in Polymer Composite Materials: A Review. <i>Polymers</i> , <b>2021</b> , 13,	4.5	94
214	Utilization of Bracing Arms as Additional Reinforcement in Pultruded Glass Fiber-Reinforced Polymer Composite Cross-Arms: Creep Experimental and Numerical Analyses. <i>Polymers</i> , <b>2021</b> , 13,	4.5	22
213	Experimental Analysis of Heat-Affected Zone (HAZ) in Laser Cutting of Sugar Palm Fiber Reinforced Unsaturated Polyester Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	3
212	A Comprehensive Review on Advanced Sustainable Woven Natural Fibre Polymer Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	56
211	Extraction and Characterization of Potential Biodegradable Materials Based on Tubers. <i>Polymers</i> , <b>2021</b> , 13,	4.5	14
210	A Review on Natural Fiber Reinforced Polymer Composite for Bullet Proof and Ballistic Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	92
209	Mechanical Performance and Applications of CNTs Reinforced Polymer Composites-A Review. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	26
208	Effect of plasticizers on physical, thermal, and tensile properties of thermoplastic films based on <i>Dioscorea hispida</i> starch. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 185, 219-228	7.9	17
207	Thermal Stability and Dynamic Mechanical Analysis of Benzoylation Treated Sugar Palm/Kenaf Fiber Reinforced Polypropylene Hybrid Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	4

206	Mechanical Properties of Sugar Palm ( Wurmb. Merr)/Glass Fiber-Reinforced Poly(lactic acid) Hybrid Composites for Potential Use in Motorcycle Components. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
205	Dynamic Mechanical Properties and Thermal Properties of Longitudinal Basalt/Woven Glass Fiber Reinforced Unsaturated Polyester Hybrid Composites. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
204	Preparation and characterization of starch-based biocomposite films reinforced by Dioscorea hispida fibers. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 1342-1355	5.5	10
203	Flammability and physical stability of sugar palm crystalline nanocellulose reinforced thermoplastic sugar palm starch/poly(lactic acid) blend bionanocomposites. <i>Nanotechnology Reviews</i> , <b>2021</b> , 11, 86-95	6.3	6
202	Potential Application of Green Composites for Cross Arm Component in Transmission Tower: A Brief Review. <i>International Journal of Polymer Science</i> , <b>2020</b> , 2020, 1-15	2.4	47
201	Effects of Benzoyl Treatment on NaOH Treated Sugar Palm Fiber: Tensile, Thermal, and Morphological Properties. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 5805-5814	5.5	24
200	Experimental and numerical investigation of the mechanical behavior of full-scale wooden cross arm in the transmission towers in terms of load-deflection test. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 7937-7946	5.5	6
199	Rheological Study of Phenol Formaldehyde Resole Resin Synthesized for Laminate Application. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
198	Mercerization Optimization of Bamboo ( <i>Bambusa vulgaris</i> ) Fiber-Reinforced Epoxy Composite Structures Using a Box-Behnken Design. <i>Polymers</i> , <b>2020</b> , 12,	4.5	29
197	Effect of ultrasonication duration of polyvinyl alcohol (PVA) gel on characterizations of PVA film. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 2477-2486	5.5	56
196	Woods and composites cantilever beam: A comprehensive review of experimental and numerical creep methodologies. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 6759-6776	5.5	77
195	Characterization studies of biopolymeric matrix and cellulose fibres based composites related to functionalized fibre-matrix interface <b>2020</b> , 29-93		22
194	Conceptual design of oil palm fibre reinforced polymer hybrid composite automotive crash box using integrated approach. <i>Journal of Central South University</i> , <b>2020</b> , 27, 64-75	2.1	13
193	Evaluation of Design and Simulation of Creep Test Rig for Full-Scale Crossarm Structure. <i>Advances in Civil Engineering</i> , <b>2020</b> , 2020, 1-10	1.3	18
192	Introduction to Biofiller-Reinforced Degradable Polymer Composites <b>2020</b> , 1-23		1
191	Electrical properties of sugar palm nanocrystalline cellulose, reinforced sugar palm starch nanocomposites. <i>Polimery</i> , <b>2020</b> , 65, 363-370	3.4	27
190	The Effects of Unbleached and Bleached Nanocellulose on the Thermal and Flammability of Polypropylene-Reinforced Kenaf Core Hybrid Polymer Bionanocomposites. <i>Polymers</i> , <b>2020</b> , 13,	4.5	34
189	Thermal properties of treated sugar palm yarn/glass fiber reinforced unsaturated polyester hybrid composites. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 1606-1618	5.5	84

188	Preparation and characterization of cornhusk/sugar palm fiber reinforced Cornstarch-based hybrid composites. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 200-211	5.5	33
187	Mechanical Properties of Longitudinal Basalt/Woven-Glass-Fiber-reinforced Unsaturated Polyester-Resin Hybrid Composites. <i>Polymers</i> , <b>2020</b> , 12,	4.5	50
186	Antimicrobial Activities of Starch-Based Biopolymers and Biocomposites Incorporated with Plant Essential Oils: A Review. <i>Polymers</i> , <b>2020</b> , 12,	4.5	61
185	Mechanical, Physical and Thermal Properties of Sugar Palm Nanocellulose Reinforced Thermoplastic Starch (TPS)/Poly (Lactic Acid) (PLA) Blend Bionanocomposites. <i>Polymers</i> , <b>2020</b> , 12,	4.5	24
184	Low Velocity Impact and Internal Pressure Behaviors of Unaged E-Glass and S-Glass/Epoxy Composite Elbow Pipe Joints. <i>Journal of Pipeline Systems Engineering and Practice</i> , <b>2020</b> , 11, 04020043	1.5	1
183	The Effects of Silver Nanoparticles Compositions on the Mechanical, Physiochemical, Antibacterial, and Morphology Properties of Sugar Palm Starch Biocomposites for Antibacterial Coating. <i>Polymers</i> , <b>2020</b> , 12,	4.5	39
182	Improvement of Biocomposite Properties Based Tapioca Starch and Sugarcane Bagasse Cellulose Nanofibers. <i>Key Engineering Materials</i> , <b>2020</b> , 849, 96-101	0.4	27
181	Biopolymers and Biocomposites: Chemistry and Technology. <i>Current Analytical Chemistry</i> , <b>2020</b> , 16, 500-503	5.0	64
180	Characterisation of the tensile and fracture properties of filament wound natural fibre rings <b>2020</b> ,		1
179	Tensile Strength and Moisture Absorption of Sugar Palm-Polyvinyl Butyral Laminated Composites. <i>Polymers</i> , <b>2020</b> , 12,	4.5	4
178	Effect of hexagonal on the in-plane crushing behaviour of plain weave composite hexagonal quadruple ring system. <i>International Journal of Crashworthiness</i> , <b>2020</b> , 25, 192-202	1	3
177	Highly transparent and antimicrobial PVA based bionanocomposites reinforced by ginger nanofiber. <i>Polymer Testing</i> , <b>2020</b> , 81, 106186	4.5	55
176	Transparent and antimicrobial cellulose film from ginger nanofiber. <i>Food Hydrocolloids</i> , <b>2020</b> , 98, 105266	5.0	135
175	Dissolution of condensed tannin powder-based polyphenolic compound in water-glycerol-acid solution. <i>BioResources</i> , <b>2020</b> , 16, 1798-1815	1.3	1
174	Effect of sugar palm nanofibrillated cellulose concentrations on morphological, mechanical and physical properties of biodegradable films based on agro-waste sugar palm ( <i>Arenga pinnata</i> (Wurmb.) Merr) starch. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 4819-4830	5.5	137
173	Development of Photovoltaic Module with Fabricated and Evaluated Novel Backsheet-Based Biocomposite Materials. <i>Materials</i> , <b>2019</b> , 12,	3.5	8
172	Analysis on the Impact Behaviors of E and S-glass Composite Elbow Pipe Joints Exposed to Impact Loading Followed by Axial Compression. <i>International Journal of Manufacturing, Materials, and Mechanical Engineering</i> , <b>2019</b> , 9, 14-25	0.5	
171	Laser drilling of composite material: A review <b>2019</b> , 89-100		1

170	Sustainability issues in hole-making technologies: Current practices and challenges <b>2019</b> , 149-160		1
169	Design and Fabrication of a Shoe Shelf From Kenaf Fiber Reinforced Unsaturated Polyester Composites <b>2019</b> , 315-332		22
168	A simple method for improving the properties of the sago starch films prepared by using ultrasonication treatment. <i>Food Hydrocolloids</i> , <b>2019</b> , 93, 276-283	10.6	132
167	The Preparation Methods and Processing of Natural Fibre Bio-polymer Composites. <i>Current Organic Synthesis</i> , <b>2019</b> , 16, 1068-1070	1.9	68
166	Potential of using multiscale corn husk fiber as reinforcing filler in cornstarch-based biocomposites. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 139, 596-604	7.9	31
165	Lightweight and Durable PVDF-SSPF Composites for Photovoltaics Backsheet Applications: Thermal, Optical and Technical Properties. <i>Materials</i> , <b>2019</b> , 12,	3.5	18
164	Physical and thermal properties of treated sugar palm/glass fibre reinforced thermoplastic polyurethane hybrid composites. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 3726-3732	5.5	86
163	Optimization of tensile behavior of banana pseudo-stem ( <i>Musa acuminata</i> ) fiber reinforced epoxy composites using response surface methodology. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 3517-3528	5.5	35
162	Conceptual design of creep testing rig for full-scale cross arm using TRIZ-Morphological chart-analytic network process technique. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 5647-5658	5.5	45
161	Effect of sonication time on the thermal stability, moisture absorption, and biodegradation of water hyacinth ( <i>Eichhornia crassipes</i> ) nanocellulose-filled bengkuang ( <i>Pachyrhizus erosus</i> ) starch biocomposites. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 6223-6231	5.5	98
160	Thermal Properties of Woven Kenaf/Carbon Fibre-Reinforced Epoxy Hybrid Composite Panels. <i>International Journal of Polymer Science</i> , <b>2019</b> , 2019, 1-8	2.4	74
159	Degradation and physical properties of sugar palm starch/sugar palm nanofibrillated cellulose bionanocomposite. <i>Polimery</i> , <b>2019</b> , 64, 680-689	3.4	54
158	Fabrication of Fibre Metal Laminate with Flax and Sugar Palm Fibre based Epoxy Composite and Evaluation of their Fatigue Properties <b>2019</b> , 35, 463-473		7
157	2. Corn (maize) Its fibers, polymers, composites, and applications: A review <b>2019</b> , 13-36		0
156	Effect of Silica Aerogel Additive on Mechanical Properties of the Sugar Palm Fiber-Reinforced Polyester Composites. <i>International Journal of Polymer Science</i> , <b>2019</b> , 2019, 1-4	2.4	10
155	Creativity in Design of Safety Helmet for Oil Palm Workers. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 1044-1047	0.4	2
154	Sugar palm nanofibrillated cellulose ( <i>Arenga pinnata</i> (Wurmb.) Merr): Effect of cycles on their yield, physic-chemical, morphological and thermal behavior. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 379-388	7.9	154
153	Materials selection of thermoplastic matrices for green natural fibre composites for automotive anti-roll bar with particular emphasis on the environment. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , <b>2018</b> , 5, 111-119	3.8	28

152	Hybrid reinforced thermoset polymer composite in energy absorption tube application: A review. <i>Defence Technology</i> , <b>2018</b> , 14, 291-305	3	81
151	Characterization of Tapioca Starch Biopolymer Composites Reinforced with Micro Scale Water Hyacinth Fibers. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700287	2-3	43
150	Physical properties of coir and pineapple leaf fibre reinforced polylactic acid hybrid composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 290, 012031	0-4	17
149	Design and Fabrication of Kenaf Fibre Reinforced Polymer Composites for Portable Laptop Table. <i>Springer Series on Polymer and Composite Materials</i> , <b>2018</b> , 323-356	0-9	3
148	Investigating the Inherent Characteristic/Performance Deterioration Interactions of Natural Fibers in Bio-Composites for Better Utilization of Resources. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 1290-1296	4-5	32
147	Mechanical and Thermal Performances of Roselle Fiber-Reinforced Thermoplastic Polyurethane Composites. <i>Polymer-Plastics Technology and Engineering</i> , <b>2018</b> , 57, 601-608		17
146	Concurrent Conceptual Design and Materials Selection of Natural Fiber Composite Products. <i>SpringerBriefs in Materials</i> , <b>2018</b> ,	0-5	1
145	Sugar palm nanocrystalline cellulose reinforced sugar palm starch composite: Degradation and water-barrier properties. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 368, 012006	0-4	50
144	Properties of Betel Nut Husk Reinforced Vinyl Ester Composites <b>2018</b> , 129-155		6
143	Recycling of waste rubber as fillers: A review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 368, 012016	0-4	19
142	Characterization of Sugar Palm Nanocellulose and Its Potential for Reinforcement with a Starch-Based Composite <b>2018</b> , 189-220		13
141	Development of Sugar PalmBased Products: A Community Project <b>2018</b> , 245-266		6
140	Isolation and characterization of nanocrystalline cellulose from sugar palm fibres (Arenga Pinnata). <i>Carbohydrate Polymers</i> , <b>2018</b> , 181, 1038-1051	10-3	296
139	Sugar Palm Starch-Based Composites for Packaging Applications <b>2018</b> , 125-147		60
138	Properties and Common Industrial Applications of Polyvinyl fluoride (PVF) and Polyvinylidene fluoride (PVDF). <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 409, 012021	0-4	11
137	Mechanical and Crash Performance of Unidirectional Oil Palm Empty Fruit Bunch Fibre-reinforced Polypropylene Composite. <i>BioResources</i> , <b>2018</b> , 13,	1-3	4
136	Thermal properties of coir and pineapple leaf fibre reinforced polylactic acid hybrid composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 368, 012019	0-4	15
135	Physical properties of silane-treated sugar palm fiber reinforced thermoplastic polyurethane composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 368, 012047	0-4	4

134	Development and characterization of sugar palm nanocrystalline cellulose reinforced sugar palm starch bionanocomposites. <i>Carbohydrate Polymers</i> , <b>2018</b> , 202, 186-202	10.3	256
133	Fabrication and Effect of Immersion in Various Solutions on Mechanical Properties of Pultruded Kenaf Fiber Composites: A Review <b>2018</b> , 109-127		2
132	Material selection criteria for natural fibre composite in automotive component:A review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 368, 012002	0.4	3
131	Mechanical Properties and Morphological Analysis of Roselle/Sugar Palm Fiber Reinforced Vinyl Ester Hybrid Composites <b>2018</b> , 169-180		6
130	Natural fiber reinforced vinyl polymer composites <b>2018</b> , 27-70		13
129	Optimization Method of Injection Molding Parameters for Vinyl-Based Polymer Composites <b>2018</b> , 97-108		0
128	Effect of various plasticizers and concentration on the physical, thermal, mechanical, and structural properties of cassava-starch-based films. <i>Starch/Staerke</i> , <b>2017</b> , 69, 1500366	2.3	48
127	Cassava/sugar palm fiber reinforced cassava starch hybrid composites: Physical, thermal and structural properties. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 101, 75-83	7.9	88
126	Mechanical and Thermal Properties of Sugar Palm Fiber Reinforced Thermoplastic Polyurethane Composites: Effect of Silane Treatment and Fiber Loading. <i>Journal of Renewable Materials</i> , <b>2017</b> ,	2.4	8
125	Tea Tree ( <i>Melaleuca alternifolia</i> ) Fiber as Novel Reinforcement Material for Sugar Palm Biopolymer Based Composite Films. <i>BioResources</i> , <b>2017</b> , 12,	1.3	3
124	Mechanical and Thermal Properties of Kenaf Fiber Reinforced Polypropylene/Magnesium Hydroxide Composites. <i>Journal of Engineered Fibers and Fabrics</i> , <b>2017</b> , 12, 155892501701200	0.9	17
123	Failures Analysis of E-Glass Fibre reinforced pipes in Oil and Gas Industry: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 217, 012004	0.4	1
122	Design characteristics, codes and standards of natural fibre composites <b>2017</b> , 511-528		2
121	Expert Material Selection for Manufacturing of Green Bio Composites. <i>Green Energy and Technology</i> , <b>2017</b> , 1-12	0.6	1
120	Effect of cassava peel and cassava bagasse natural fillers on mechanical properties of thermoplastic cassava starch: Comparative study <b>2017</b> ,		2
119	The Effect of Different Shape and Perforated rHDPE in Concrete Structures on Flexural Strength. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 914, 012023	0.3	1
118	Evaluation on Compression Properties of Different Shape and Perforated rHDPE in Concrete Structures. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 914, 012022	0.3	
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