

Salit Mohd Sapuan

List of Publications by Year in descending order

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270
papers

12,845
citations

16450

64
h-index

31843

101
g-index

275
all docs

275
docs citations

275
times ranked

6068
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of nanocrystalline cellulose from sugar palm fibres (<i>Arenga Pinnata</i>). <i>Carbohydrate Polymers</i> , 2018, 181, 1038-1051.	10.2	384
2	Development and characterization of sugar palm nanocrystalline cellulose reinforced sugar palm starch bionanocomposites. <i>Carbohydrate Polymers</i> , 2018, 202, 186-202.	10.2	342
3	Mechanical properties of hybrid kenaf/glass reinforced epoxy composite for passenger car bumper beam. <i>Materials & Design</i> , 2010, 31, 4927-4932.	5.1	316
4	A comprehensive VIKOR method for material selection. <i>Materials & Design</i> , 2011, 32, 1215-1221.	5.1	249
5	The effect of alkaline treatment on tensile properties of sugar palm fibre reinforced epoxy composites. <i>Materials & Design</i> , 2008, 29, 1285-1290.	5.1	242
6	Effect of layering sequence and chemical treatment on the mechanical properties of woven kenaf-aramid hybrid laminated composites. <i>Materials & Design</i> , 2015, 67, 173-179.	5.1	232
7	A Review on Natural Fiber Reinforced Polymer Composite for Bullet Proof and Ballistic Applications. <i>Polymers</i> , 2021, 13, 646.	4.5	213
8	Polylactic Acid (PLA) Biocomposite: Processing, Additive Manufacturing and Advanced Applications. <i>Polymers</i> , 2021, 13, 1326.	4.5	208
9	Transparent and antimicrobial cellulose film from ginger nanofiber. <i>Food Hydrocolloids</i> , 2020, 98, 105266.	10.7	197
10	Fabrication, Functionalization, and Application of Carbon Nanotube-Reinforced Polymer Composite: An Overview. <i>Polymers</i> , 2021, 13, 1047.	4.5	195
11	Micro- and Nanocellulose in Polymer Composite Materials: A Review. <i>Polymers</i> , 2021, 13, 231.	4.5	192
12	Factors affecting construction labour productivity for Malaysian residential projects. <i>Structural Survey</i> , 2005, 23, 42-54.	1.0	191
13	Sugar palm nanofibrillated cellulose (<i>Arenga pinnata</i> (Wurmb.) Merr): Effect of cycles on their yield, physico-chemical, morphological and thermal behavior. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 379-388.	7.5	191
14	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.)) <i>Tj ETQq0 0 0.8 BT / Overlock 10 T</i>	6.8	186
15	Potential of Natural Fiber Reinforced Polymer Composites in Sandwich Structures: A Review on Its Mechanical Properties. <i>Polymers</i> , 2021, 13, 423.	4.5	173
16	A simple method for improving the properties of the sago starch films prepared by using ultrasonication treatment. <i>Food Hydrocolloids</i> , 2019, 93, 276-283.	10.7	166
17	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> , 2021, 11, 13900.	3.3	161
18	Recent developments in sugar palm (<i>Arenga pinnata</i>) based biocomposites and their potential industrial applications: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 54, 533-549.	16.4	157

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19	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications. <i>Polymers</i> , 2022, 14, 202.	4.5	157
20	Development and characterization of sugar palm starch and poly(lactic acid) bilayer films. <i>Carbohydrate Polymers</i> , 2016, 146, 36-45.	10.2	150
21	A Review on Mechanical Performance of Hybrid Natural Fiber Polymer Composites for Structural Applications. <i>Polymers</i> , 2021, 13, 2170.	4.5	143
22	Concept selection of car bumper beam with developed hybrid bio-composite material. <i>Materials & Design</i> , 2011, 32, 4857-4865.	5.1	137
23	Cassava/sugar palm fiber reinforced cassava starch hybrid composites: Physical, thermal and structural properties. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 75-83.	7.5	128
24	Hybrid reinforced thermoset polymer composite in energy absorption tube application: A review. <i>Defence Technology</i> , 2018, 14, 291-305.	4.2	128
25	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> , 2019, 8, 6223-6231.	5.8	128
26	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 Research Journal</i> , 2021, 91, 152-167.	2.2	127
27	A Comprehensive Review on Advanced Sustainable Woven Natural Fibre Polymer Composites. <i>Polymers</i> , 2021, 13, 471.	4.5	127
28	Characterization of sugar palm (<i>Arenga pinnata</i>) fibres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 981-989.	3.6	125
29	Mechanical, thermal and morphological properties of durian skin fibre reinforced PLA biocomposites. <i>Materials & Design</i> , 2014, 59, 279-286.	5.1	123
30	Physical and thermal properties of treated sugar palm/glass fibre reinforced thermoplastic polyurethane hybrid composites. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3726-3732.	5.8	121
31	Antimicrobial Activities of Starch-Based Biopolymers and Biocomposites Incorporated with Plant Essential Oils: A Review. <i>Polymers</i> , 2020, 12, 2403.	4.5	121
32	Thermo-mechanical behaviors of thermoplastic starch derived from sugar palm tree (<i>Arenga pinnata</i>). <i>Carbohydrate Polymers</i> , 2013, 92, 1711-1716.	10.2	120
33	Thermal properties of treated sugar palm yarn/glass fiber reinforced unsaturated polyester hybrid composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1606-1618.	5.8	119
34	Effect of ultrasonication duration of polyvinyl alcohol (PVA) gel on characterizations of PVA film. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2477-2486.	5.8	118
35	Vegetable-based biodegradable lubricating oil additives. <i>Industrial Lubrication and Tribology</i> , 2003, 55, 137-143.	1.3	117
36	Thermal Properties of Woven Kenaf/Carbon Fibre-Reinforced Epoxy Hybrid Composite Panels. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-8.	2.7	117

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37	Mechanical and Electrical Properties of Coconut Coir Fiber-Reinforced Polypropylene Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2005, 44, 619-632.	1.9	112
38	Natural-Fiber-Reinforced Chitosan, Chitosan Blends and Their Nanocomposites for Various Advanced Applications. <i>Polymers</i> , 2022, 14, 874.	4.5	110
39	Design and fabrication of natural woven fabric reinforced epoxy composite for household telephone stand. <i>Materials & Design</i> , 2005, 26, 65-71.	5.1	106
40	Mechanical properties of soil buried kenaf fibre reinforced thermoplastic polyurethane composites. <i>Materials & Design</i> , 2013, 50, 467-470.	5.1	105
41	Pyrolysis of polypropylene plastic waste into carbonaceous char: Priority of plastic waste management amidst COVID-19 pandemic. <i>Science of the Total Environment</i> , 2022, 803, 149911.	8.0	104
42	Woods and composites cantilever beam: A comprehensive review of experimental and numerical creep methodologies. <i>Journal of Materials Research and Technology</i> , 2020, 9, 6759-6776.	5.8	102
43	Polymer Composites Filled with Metal Derivatives: A Review of Flame Retardants. <i>Polymers</i> , 2021, 13, 1701.	4.5	101
44	Mechanical Performance and Applications of CNTs Reinforced Polymer Composites—A Review. <i>Nanomaterials</i> , 2021, 11, 2186.	4.1	101
45	The Preparation Methods and Processing of Natural Fibre Bio-polymer Composites. <i>Current Organic Synthesis</i> , 2020, 16, 1068-1070.	1.3	93
46	Biopolymers and Biocomposites: Chemistry and Technology. <i>Current Analytical Chemistry</i> , 2020, 16, 500-503.	1.2	88
47	Natural Fiber Reinforced Composite Material for Product Design: A Short Review. <i>Polymers</i> , 2021, 13, 1917.	4.5	88
48	Material selection based on ordinal data. <i>Materials & Design</i> , 2010, 31, 3180-3187.	5.1	87
49	Mechanical Properties of Longitudinal Basalt/Woven-Glass-Fiber-reinforced Unsaturated Polyester-Resin Hybrid Composites. <i>Polymers</i> , 2020, 12, 2211.	4.5	87
50	Critical Review of Natural Fiber Reinforced Hybrid Composites: Processing, Properties, Applications and Cost. <i>Polymers</i> , 2021, 13, 3514.	4.5	85
51	Tensile Properties of <i>Arenga pinnata</i> Fiber-Reinforced Epoxy Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 149-155.	1.9	84
52	Highly transparent and antimicrobial PVA based bionanocomposites reinforced by ginger nanofiber. <i>Polymer Testing</i> , 2020, 81, 106186.	4.8	83
53	Mechanical properties of kenaf bast and core fibre reinforced unsaturated polyester composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 11, 012006.	0.6	82
54	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> , 2020, 12, 2605.	4.5	80

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55	Potential Application of Green Composites for Cross Arm Component in Transmission Tower: A Brief Review. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-15.	2.7	80
56	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> , 2021, 11, 144-157.	5.8	79
57	Effect of alkali treatment on mechanical and thermal properties of Kenaf fiber-reinforced thermoplastic polyurethane composite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 1435-1443.	3.6	78
58	The Effect of Environmental Treatments on Fiber Surface Properties and Tensile Strength of Sugar Palm Fiber-Reinforced Epoxy Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 606-612.	1.9	74
59	Influence of chemical treatment on the tensile properties of kenaf fiber reinforced thermoplastic polyurethane composite. <i>EXPRESS Polymer Letters</i> , 2012, 6, 1032-1040.	2.1	73
60	Sugar Palm Starch-Based Composites for Packaging Applications. , 2018, , 125-147.		73
61	Potential of using multiscale corn husk fiber as reinforcing filler in cornstarch-based biocomposites. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 596-604.	7.5	73
62	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> , 2021, 13, 1191-1219.	5.8	71
63	Degradation and physical properties of sugar palm starch/sugar palm nanofibrillated cellulose bionanocomposite. <i>Polimery</i> , 2019, 64, 680-689.	0.7	71
64	Effect of various plasticizers and concentration on the physical, thermal, mechanical, and structural properties of cassava starch-based films. <i>Starch/Staerke</i> , 2017, 69, 1500366.	2.1	70
65	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> , 2019, 8, 3517-3528.	5.8	70
66	The Effects of Unbleached and Bleached Nanocellulose on the Thermal and Flammability of Polypropylene-Reinforced Kenaf Core Hybrid Polymer Bionanocomposites. <i>Polymers</i> , 2021, 13, 116.	4.5	69
67	Effect of geometry on crashworthiness parameters of natural kenaf fibre reinforced composite hexagonal tubes. <i>Materials & Design</i> , 2014, 60, 85-93.	5.1	67
68	Delamination and Manufacturing Defects in Natural Fiber-Reinforced Hybrid Composite: A Review. <i>Polymers</i> , 2021, 13, 1323.	4.5	67
69	Use of Industrial Wastes as Sustainable Nutrient Sources for Bacterial Cellulose (BC) Production: Mechanism, Advances, and Future Perspectives. <i>Polymers</i> , 2021, 13, 3365.	4.5	67
70	Antimicrobial Edible Film Prepared from Bacterial Cellulose Nanofibers/Starch/Chitosan for a Food Packaging Alternative. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-11.	2.7	66
71	Polymer Selection Approach for Commonly and Uncommonly Used Natural Fibers Under Uncertainty Environments. <i>Jom</i> , 2015, 67, 2450-2463.	1.9	62
72	Characterization of Tapioca Starch Biopolymer Composites Reinforced with Micro Scale Water Hyacinth Fibers. <i>Starch/Staerke</i> , 2018, 70, 1700287.	2.1	62

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73	Sugar palm nanocrystalline cellulose reinforced sugar palm starch composite: Degradation and water-barrier properties. IOP Conference Series: Materials Science and Engineering, 2018, 368, 012006.	0.6	62
74	Preparation and characterization of cornhusk/sugar palm fiber reinforced Cornstarch-based hybrid composites. Journal of Materials Research and Technology, 2020, 9, 200-211.	5.8	62
75	Dynamic mechanical properties of natural fiber reinforced hybrid polymer composites: a review. Journal of Materials Research and Technology, 2022, 19, 167-182.	5.8	62
76	The Influence of Alkaline Surface Fibre Treatment on the Impact Properties of Sugar Palm Fibre-Reinforced Epoxy Composites. Polymer-Plastics Technology and Engineering, 2009, 48, 379-383.	1.9	60
77	Effect of Sugar Palm-derived Cellulose Reinforcement on the Mechanical and Water Barrier Properties of Sugar Palm Starch Biocomposite Films. BioResources, 2016, 11, .	1.0	60
78	Measurement of ballistic impact properties of woven kenaf-aramid hybrid composites. Measurement: Journal of the International Measurement Confederation, 2016, 77, 335-343.	5.0	60
79	Conceptual design of creep testing rig for full-scale cross arm using TRIZ-Morphological chart-analytic network process technique. Journal of Materials Research and Technology, 2019, 8, 5647-5658.	5.8	60
80	3D Printing and Shaping Polymers, Composites, and Nanocomposites: A Review. Polymers, 2022, 14, 180.	4.5	60
81	Design and fabrication of low cost filament winding machine. Materials & Design, 2007, 28, 234-239.	5.1	59
82	Flammability, Tensile, and Morphological Properties of Oil Palm Empty Fruit Bunches Fiber/Pet Yarn-Reinforced Epoxy Fire Retardant Hybrid Polymer Composites. Polymers, 2021, 13, 1282.	4.5	57
83	Investigating the Inherent Characteristic/Performance Deterioration Interactions of Natural Fibers in Bio-Composites for Better Utilization of Resources. Journal of Polymers and the Environment, 2018, 26, 1290-1296.	5.0	56
84	Effect of plasticizers on physical, thermal, and tensile properties of thermoplastic films based on Dioscorea hispida starch. International Journal of Biological Macromolecules, 2021, 185, 219-228.	7.5	56
85	Recent applications of carbon-based composites in defence industry: A review. Defence Technology, 2022, 18, 1281-1300.	4.2	56
86	Development process of new bumper beam for passenger car: A review. Materials & Design, 2012, 40, 304-313.	5.1	54
87	Mechanical, Physical and Thermal Properties of Sugar Palm Nanocellulose Reinforced Thermoplastic Starch (TPS)/Poly (Lactic Acid) (PLA) Blend Bionanocomposites. Polymers, 2020, 12, 2216.	4.5	54
88	Mercerization Optimization of Bamboo (Bambusa vulgaris) Fiber-Reinforced Epoxy Composite Structures Using a Box-Behnken Design. Polymers, 2020, 12, 1367.	4.5	54
89	A Novel Evaluation Tool for Enhancing the Selection of Natural Fibers for Polymeric Composites Based on Fiber Moisture Content Criterion. BioResources, 2014, 10, .	1.0	53
90	Product Development of Natural Fibre-Composites for Various Applications: Design for Sustainability. Polymers, 2022, 14, 920.	4.5	53

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91	A Naïve-Bayes classifier for damage detection in engineering materials. <i>Materials & Design</i> , 2007, 28, 2379-2386.	5.1	50
92	Development of Anti-Ballistic Board from Ramie Fiber. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 622-634.	1.9	50
93	The Use of Palm Oil as Diesel Fuel Substitute. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 1996, 210, 47-53.	1.4	47
94	Mechanical properties and fabrication of small boat using woven glass/sugar palm fibres reinforced unsaturated polyester hybrid composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 11, 012015.	0.6	46
95	Recycling of waste rubber as fillers: A review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 368, 012016.	0.6	44
96	Characterization studies of biopolymeric matrix and cellulose fibres based composites related to functionalized fibre-matrix interface. , 2020, , 29-93.		43
97	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> , 2021, 12, 1026-1038.	5.8	43
98	Effects of Benzoyl Treatment on NaOH Treated Sugar Palm Fiber: Tensile, Thermal, and Morphological Properties. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5805-5814.	5.8	42
99	Utilization of Bracing Arms as Additional Reinforcement in Pultruded Glass Fiber-Reinforced Polymer Composite Cross-Arms: Creep Experimental and Numerical Analyses. <i>Polymers</i> , 2021, 13, 620.	4.5	42
100	Kenaf Fiber/Pet Yarn Reinforced Epoxy Hybrid Polymer Composites: Morphological, Tensile, and Flammability Properties. <i>Polymers</i> , 2021, 13, 1532.	4.5	42
101	The tensile properties of single sugar palm (<i>Arenga pinnata</i>) fibre. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 11, 012012.	0.6	41
102	Mechanical properties of hybrid glass/sugar palm fibre reinforced unsaturated polyester composites. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 1394-1403.	3.8	40
103	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> , 2018, 5, 111-119.	4.9	40
104	Preparation and characterization of starch-based biocomposite films reinforced by <i>Dioscorea hispida</i> fibers. <i>Journal of Materials Research and Technology</i> , 2021, 15, 1342-1355.	5.8	40
105	Material Characterization of Roselle Fibre (<i>Hibiscus sabdariffa</i> L.) as Potential Reinforcement Material for Polymer Composites. <i>Fibres and Textiles in Eastern Europe</i> , 2015, 23, 23-30.	0.5	37
106	Characterization of compressed bacterial cellulose nanopaper film after exposure to dry and humid conditions. <i>Journal of Materials Research and Technology</i> , 2021, 11, 896-904.	5.8	36
107	Thermal property determination of hybridized kenaf/PALF reinforced HDPE composite by thermogravimetric analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 893-900.	3.6	35
108	Development and Characterization of Cornstarch-Based Bioplastics Packaging Film Using a Combination of Different Plasticizers. <i>Polymers</i> , 2021, 13, 3487.	4.5	35

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109	Effect of Alkalization on Mechanical Properties of Water Hyacinth Fibers-Unsaturated Polyester Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 446-451.	1.9	34
110	Second-Order Shear Deformation Theory to Analyze Stress Distribution for Solar Functionally Graded Plates. <i>Mechanics Based Design of Structures and Machines</i> , 2010, 38, 348-361.	4.7	33
111	Improvement of Biocomposite Properties Based Tapioca Starch and Sugarcane Bagasse Cellulose Nanofibers. <i>Key Engineering Materials</i> , 0, 849, 96-101.	0.4	33
112	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> , 2021, 10, 1-14.	5.8	33
113	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> , 2021, 29, 1134-1142.	5.0	33
114	Electrical properties of sugar palm nanocrystalline cellulose, reinforced sugar palm starch nanocomposites. <i>Polimery</i> , 2020, 65, 363-370.	0.7	33
115	Alkali Treatment of Screw Pine (<i>Pandanus Odoratissimus</i>) Fibers and Its Effect on Unsaturated Polyester Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 12-18.	1.9	32
116	Natural fiber reinforced vinyl polymer composites. , 2018, , 27-70.		32
117	A rapid test to measure performance, emission and wear of a diesel engine fueled with palm oil diesel. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1993, 70, 1021-1025.	1.9	31
118	Physico-chemical and Thermal Properties of Starch Derived from Sugar Palm Tree (<i>Arenga pinnata</i>). <i>Asian Journal of Chemistry</i> , 2014, 26, 955-959.	0.3	31
119	Development and Characterization of Polypropylene Waste from Personal Protective Equipment (PPE)-Derived Char-Filled Sugar Palm Starch Biocomposite Briquettes. <i>Polymers</i> , 2021, 13, 1707.	4.5	30
120	Crashworthiness Response of Filament Wound Kenaf/Glass Fibre-reinforced Epoxy Composite Tubes with Influence of Stacking Sequence under Intermediate-velocity Impact Load. <i>Fibers and Polymers</i> , 2022, 23, 222-233.	2.1	30
121	Design and Fabrication of a Shoe Shelf From Kenaf Fiber Reinforced Unsaturated Polyester Composites. , 2019, , 315-332.		28
122	Optimization of Blending Parameters and Fiber Size of Kenaf-Bast-Fiber-Reinforced the Thermoplastic Polyurethane Composites by Taguchi Method. <i>Advances in Materials Science and Engineering</i> , 2013, 1-5.	1.8	27
123	Lightweight and Durable PVDF/SSPF Composites for Photovoltaics Backsheet Applications: Thermal, Optical and Technical Properties. <i>Materials</i> , 2019, 12, 2104.	2.9	27
124	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> , 2020, 9, 7937-7946.	5.8	26
125	Extraction and Characterization of Potential Biodegradable Materials Based on Dioscorea hispida Tubers. <i>Polymers</i> , 2021, 13, 584.	4.5	26
126	Mechanical Properties of Screw Pine (<i>Pandanus Odoratissimus</i>) Fibers/Unsaturated Polyester Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 500-506.	1.9	25

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127	Water Absorption Behaviour and Impact Strength of Kenaf-Kevlar Reinforced Epoxy Hybrid Composites. <i>Advanced Composites Letters</i> , 2016, 25, 096369351602500.	1.3	25
128	Evaluation of Design and Simulation of Creep Test Rig for Full-Scale Crossarm Structure. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-10.	0.7	23
129	Dynamic Mechanical Properties and Thermal Properties of Longitudinal Basalt/Woven Glass Fiber Reinforced Unsaturated Polyester Hybrid Composites. <i>Polymers</i> , 2021, 13, 3343.	4.5	23
130	Mechanical and Thermal Properties of Kenaf Fiber Reinforced Polypropylene/Magnesium Hydroxide Composites. <i>Journal of Engineered Fibers and Fabrics</i> , 2017, 12, 155892501701200.	1.0	22
131	Physical properties of coir and pineapple leaf fibre reinforced polylactic acid hybrid composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 290, 012031.	0.6	22
132	Mechanical performance evaluation of bamboo fibre reinforced polymer composites and its applications: a review. <i>Functional Composites and Structures</i> , 2022, 4, 015009.	3.4	22
133	Flammability and physical stability of sugar palm crystalline nanocellulose reinforced thermoplastic sugar palm starch/poly(lactic acid) blend bionanocomposites. <i>Nanotechnology Reviews</i> , 2021, 11, 86-95.	5.8	22
134	Mechanical and Thermal Properties of Roselle Fibre Reinforced Vinyl Ester Composites. <i>BioResources</i> , 2016, 11, .	1.0	21
135	Effect of Surface Treatment on the Mechanical Properties of Sugar Palm/Glass Fiber-reinforced Thermoplastic Polyurethane Hybrid Composites. <i>BioResources</i> , 2017, 13, .	1.0	21
136	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> , 2022, 16, 1190-1201.	5.8	21
137	Thermal, flammability, and antimicrobial properties of arrowroot (<i>Maranta arundinacea</i>) fiber reinforced arrowroot starch biopolymer composites for food packaging applications. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 1-10.	7.5	21
138	Physical, Mechanical, and Morphological Performances of Arrowroot (<i>Maranta arundinacea</i>) Fiber Reinforced Arrowroot Starch Biopolymer Composites. <i>Polymers</i> , 2022, 14, 388.	4.5	20
139	Properties and Common Industrial Applications of Polyvinyl fluoride (PVF) and Polyvinylidene fluoride (PVDF). <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 409, 012021.	0.6	19
140	Thermal properties of coir and pineapple leaf fibre reinforced polylactic acid hybrid composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 368, 012019.	0.6	19
141	Conceptual design of oil palm fibre reinforced polymer hybrid composite automotive crash box using integrated approach. <i>Journal of Central South University</i> , 2020, 27, 64-75.	3.0	19
142	Thermal Stability and Dynamic Mechanical Analysis of Benzoylation Treated Sugar Palm/Kenaf Fiber Reinforced Polypropylene Hybrid Composites. <i>Polymers</i> , 2021, 13, 2961.	4.5	19
143	Elastic and viscoelastic properties of sugarcane bagasse-filled poly(vinyl chloride) composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 1047-1053.	3.6	18
144	Study of Hybridized Kenaf/Palf-Reinforced Hdpe Composites by Dynamic Mechanical Analysis. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 146-153.	1.9	18

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145	Melt volume flow rate and melt flow rate of kenaf fibre reinforced Floreon/magnesium hydroxide biocomposites. SpringerPlus, 2016, 5, 1680.	1.2	18
146	Mechanical and Thermal Performances of Roselle Fiber-Reinforced Thermoplastic Polyurethane Composites. Polymer-Plastics Technology and Engineering, 2018, 57, 601-608.	1.9	18
147	Wheat Biocomposite Extraction, Structure, Properties and Characterization: A Review. Polymers, 2021, 13, 3624.	4.5	18
148	On the enhancement of the fatigue fracture performance of polymer matrix composites by reinforcement with carbon nanotubes: a systematic review. Carbon Letters, 2022, 32, 727-740.	5.9	18
149	Development of Photovoltaic Module with Fabricated and Evaluated Novel Backsheet-Based Biocomposite Materials. Materials, 2019, 12, 3007.	2.9	17
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