

H P S Abdul Khalil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8331806/publications.pdf>

Version: 2024-02-01

273
papers

15,048
citations

26630

56
h-index

22166

113
g-index

281
all docs

281
docs citations

281
times ranked

12569
citing authors

#	ARTICLE	IF	CITATIONS
1	Green composites from sustainable cellulose nanofibrils: A review. Carbohydrate Polymers, 2012, 87, 963-979.	10.2	1,276
2	Cellulosic/synthetic fibre reinforced polymer hybrid composites: A review. Carbohydrate Polymers, 2011, 86, 1-18.	10.2	1,103
3	Production and modification of nanofibrillated cellulose using various mechanical processes: A review. Carbohydrate Polymers, 2014, 99, 649-665.	10.2	1,046
4	Bamboo fibre reinforced biocomposites: A review. Materials & Design, 2012, 42, 353-368.	5.1	588
5	Potential materials for food packaging from nanoclay/natural fibres filled hybrid composites. Materials & Design, 2013, 46, 391-410.	5.1	488
6	A review on chitosan-cellulose blends and nanocellulose reinforced chitosan biocomposites: Properties and their applications. Carbohydrate Polymers, 2016, 150, 216-226.	10.2	394
7	Effect of jute fibre loading on tensile and dynamic mechanical properties of oil palm epoxy composites. Composites Part B: Engineering, 2013, 45, 619-624.	12.0	376
8	Chemical composition, anatomy, lignin distribution, and cell wall structure of Malaysian plant waste fibers. BioResources, 2006, 1, 220-232.	1.0	280
9	Effect of fiber treatments on mechanical properties of coir or oil palm fiber reinforced polyester composites. Journal of Applied Polymer Science, 2000, 78, 1685-1697.	2.6	233
10	Chemical resistance, void content and tensile properties of oil palm/jute fibre reinforced polymer hybrid composites. Materials & Design, 2011, 32, 1014-1019.	5.1	228
11	Woven hybrid composites: Tensile and flexural properties of oil palm-woven jute fibres based epoxy composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 5190-5195.	5.6	218
12	Cell wall ultrastructure, anatomy, lignin distribution, and chemical composition of Malaysian cultivated kenaf fiber. Industrial Crops and Products, 2010, 31, 113-121.	5.2	210
13	A review on nanocellulosic fibres as new material for sustainable packaging: Process and applications. Renewable and Sustainable Energy Reviews, 2016, 64, 823-836.	16.4	210
14	Agro-hybrid Composite: The Effects on Mechanical and Physical Properties of Oil Palm Fiber (EFB)/Glass Hybrid Reinforced Polyester Composites. Journal of Reinforced Plastics and Composites, 2007, 26, 203-218.	3.1	203
15	Mechanical performance of oil palm empty fruit bunches/jute fibres reinforced epoxy hybrid composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 7944-7949.	5.6	181
16	Biodegradable green packaging with antimicrobial functions based on the bioactive compounds from tropical plants and their by-products. Trends in Food Science and Technology, 2020, 100, 262-277.	15.1	175
17	Woven hybrid biocomposites: Dynamic mechanical and thermal properties. Composites Part A: Applied Science and Manufacturing, 2012, 43, 288-293.	7.6	172
18	Recent advances in activated carbon modification techniques for enhanced heavy metal adsorption. Journal of Water Process Engineering, 2021, 43, 102221.	5.6	172

#	ARTICLE	IF	CITATIONS
19	Biodegradable polymer films from seaweed polysaccharides: A review on cellulose as a reinforcement material. EXPRESS Polymer Letters, 2017, 11, 244-265.	2.1	168
20	Chemical Composition, Morphological Characteristics, and Cell Wall Structure of Malaysian Oil Palm Fibers. Polymer-Plastics Technology and Engineering, 2008, 47, 273-280.	1.9	159
21	A Review on Plant Cellulose Nanofibre-Based Aerogels for Biomedical Applications. Polymers, 2020, 12, 1759.	4.5	154
22	Mechanical and thermal properties of sisal fiber-reinforced rubber seed oil-based polyurethane composites. Materials & Design, 2010, 31, 4274-4280.	5.1	153
23	Lignocellulose-based Hybrid Bilayer Laminate Composite: Part I - Studies on Tensile and Impact Behavior of Oil Palm Fiber-Glass Fiber-reinforced Epoxy Resin. Journal of Composite Materials, 2005, 39, 663-684.	2.4	140
24	Seaweed based sustainable films and composites for food and pharmaceutical applications: A review. Renewable and Sustainable Energy Reviews, 2017, 77, 353-362.	16.4	136
25	The effect of a compatibilizer on the mechanical properties and mass swell of white rice husk ash filled natural rubber/linear low density polyethylene blends. Polymer Testing, 2001, 20, 125-133.	4.8	133
26	Sisal/Carbon Fibre Reinforced Hybrid Composites: Tensile, Flexural and Chemical Resistance Properties. Journal of Polymers and the Environment, 2010, 18, 727-733.	5.0	129
27	Exploration of a Chemo-Mechanical Technique for the Isolation of Nanofibrillated Cellulosic Fiber from Oil Palm Empty Fruit Bunch as a Reinforcing Agent in Composites Materials. Polymers, 2014, 6, 2611-2624.	4.5	126
28	Green Composites Made of Bamboo Fabric and Poly (Lactic) Acid for Packaging Applicationsâ€”A Review. Materials, 2016, 9, 435.	2.9	122
29	A review of extractions of seaweed hydrocolloids: Properties and applications. EXPRESS Polymer Letters, 2018, 12, 296-317.	2.1	122
30	Conventional agro-composites from chemically modified fibres. Industrial Crops and Products, 2007, 26, 315-323.	5.2	112
31	Exploring biomass based carbon black as filler in epoxy composites: Flexural and thermal properties. Materials & Design, 2010, 31, 3419-3425.	5.1	110
32	ACETYLATED PLANT-FIBER-REINFORCED POLYESTER COMPOSITES: A STUDY OF MECHANICAL, HYGROTHERMAL, AND AGING CHARACTERISTICS. Polymer-Plastics Technology and Engineering, 2000, 39, 757-781.	1.9	108
33	A Jatropha biomass as renewable materials for biocomposites and its applications. Renewable and Sustainable Energy Reviews, 2013, 22, 667-685.	16.4	107
34	Development and material properties of new hybrid plywood from oil palm biomass. Materials & Design, 2010, 31, 417-424.	5.1	106
35	Exploiting microbial biomass in treating azo dyes contaminated wastewater: Mechanism of degradation and factors affecting microbial efficiency. Journal of Water Process Engineering, 2021, 43, 102255.	5.6	105
36	Hybrid Composites Made from Oil Palm Empty Fruit Bunches/Jute Fibres: Water Absorption, Thickness Swelling and Density Behaviours. Journal of Polymers and the Environment, 2011, 19, 106-109.	5.0	103

#	ARTICLE	IF	CITATIONS
37	Effect of acetylation and coupling agent treatments upon biological degradation of plant fibre reinforced polyester composites. <i>Polymer Testing</i> , 2000, 20, 65-75.	4.8	98
38	Biodegradable Films for Fruits and Vegetables Packaging Application: Preparation and Properties. <i>Food Engineering Reviews</i> , 2018, 10, 139-153.	5.9	90
39	Development and characterization of epoxy nanocomposites based on nano-structured oil palm ash. <i>Composites Part B: Engineering</i> , 2013, 53, 324-333.	12.0	89
40	Effect of Chemical Surface Modifications on the Properties of Woven Banana-Reinforced Unsaturated Polyester Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2009, 28, 1519-1532.	3.1	81
41	Properties of Banana and Pandanus Woven Fabric Reinforced Unsaturated Polyester Composites. <i>Journal of Composite Materials</i> , 2008, 42, 931-941.	2.4	79
42	Natural fiber reinforced poly(vinyl chloride) composites: A review. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 330-356.	3.1	78
43	Evaluation of the thermomechanical properties and biodegradation of brown rice starch-based chitosan biodegradable composite films. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 896-905.	7.5	77
44	Flat-pressed wood plastic composites from sawdust and recycled polyethylene terephthalate (PET): physical and mechanical properties. <i>SpringerPlus</i> , 2013, 2, 629.	1.2	76
45	Optimization of high pressure homogenization parameters for the isolation of cellulosic nanofibers using response surface methodology. <i>Industrial Crops and Products</i> , 2015, 74, 381-387.	5.2	76
46	The role of soil properties and its interaction towards quality plant fiber: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1006-1015.	16.4	73
47	A review on mechanism and future perspectives of cadmium-resistant bacteria. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 243-262.	3.5	73
48	Activated Carbon from Various Agricultural Wastes by Chemical Activation with KOH: Preparation and Characterization. <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 708-714.	0.3	71
49	A Review on Revolutionary Natural Biopolymer-Based Aerogels for Antibacterial Delivery. <i>Antibiotics</i> , 2020, 9, 648.	3.7	71
50	A Review on Micro- to Nanocellulose Biopolymer Scaffold Forming for Tissue Engineering Applications. <i>Polymers</i> , 2020, 12, 2043.	4.5	71
51	Tensile, Flexural and Chemical Resistance Properties of Sisal Fibre Reinforced Polymer Composites: Effect of Fibre Surface Treatment. <i>Journal of Polymers and the Environment</i> , 2011, 19, 115-119.	5.0	69
52	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
53	A current advancement on the role of lignin as sustainable reinforcement material in biopolymeric blends. <i>Journal of Materials Research and Technology</i> , 2021, 15, 2287-2316.	5.8	68
54	Exploring the effect of cellulose nanowhiskers isolated from oil palm biomass on polylactic acid properties. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 370-378.	7.5	63

#	ARTICLE	IF	CITATIONS
55	Enhancement of basic properties of polysaccharide-based composites with organic and inorganic fillers: A review. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47251.	2.6	63
56	The incorporation of oil palm ash in concrete as a means of recycling: A review. <i>Cement and Concrete Composites</i> , 2015, 55, 129-138.	10.7	58
57	Effect of jute fibre loading on the mechanical and thermal properties of oil palm-epoxy composites. <i>Journal of Composite Materials</i> , 2013, 47, 1633-1641.	2.4	57
58	Cell Wall Morphology, Chemical and Thermal Analysis of Cultivated Pineapple Leaf Fibres for Industrial Applications. <i>Journal of Polymers and the Environment</i> , 2012, 20, 404-411.	5.0	55
59	Insights into the Role of Biopolymer Aerogel Scaffolds in Tissue Engineering and Regenerative Medicine. <i>Polymers</i> , 2021, 13, 1612.	4.5	55
60	Micro Crystalline Bamboo Cellulose Based Seaweed Biodegradable Composite Films for Sustainable Packaging Material. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1602-1612.	5.0	54
61	Bioactive compounds and advanced processing technology: <i>Phaleria macrocarpa</i> (sheff.) Boerl, a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 981-991.	3.2	53
62	Development of seaweed-based bamboo microcrystalline cellulose films intended for sustainable food packaging applications. <i>BioResources</i> , 2019, 14, 3389-3410.	1.0	53
63	Tensile properties prediction of natural fibre composites using rule of mixtures: A review. <i>Journal of Reinforced Plastics and Composites</i> , 2019, 38, 211-248.	3.1	47
64	Interfacial Compatibility Evaluation on the Fiber Treatment in the Typha Fiber Reinforced Epoxy Composites and Their Effect on the Chemical and Mechanical Properties. <i>Polymers</i> , 2018, 10, 1316.	4.5	45
65	Simultaneous dual syringe electrospinning system using benign solvent to fabricate nanofibrous P(3HB-co-4HB)/collagen peptides construct as potential leave-on wound dressing. <i>Materials Science and Engineering C</i> , 2016, 66, 147-155.	7.3	44
66	A Review on Quality Enhancement of Oil Palm Trunk Waste by Resin Impregnation: Future Materials. <i>BioResources</i> , 2013, 8, .	1.0	43
67	Preparation and Characterization of Microcrystalline Cellulose from Sacred Bali Bamboo as Reinforcing Filler in Seaweed-based Composite Film. <i>Fibers and Polymers</i> , 2018, 19, 423-434.	2.1	43
68	Isolation and Characterization of Cellulose Nanofibers from <i>Gigantochloa scortechinii</i> as a Reinforcement Material. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-8.	2.7	42
69	Enhancement in the Physico-Mechanical Functions of Seaweed Biopolymer Film via Embedding Fillers for Plasticulture Application—A Comparison with Conventional Biodegradable Mulch Film. <i>Polymers</i> , 2019, 11, 210.	4.5	42
70	Development and material properties of new hybrid medium density fibreboard from empty fruit bunch and rubberwood. <i>Materials & Design</i> , 2010, 31, 4229-4236.	5.1	41
71	Rational design of aromatic surfactants for graphene/natural rubber latex nanocomposites with enhanced electrical conductivity. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 34-47.	9.4	41
72	Extraction of Cellulose Nanofibers via Eco-friendly Supercritical Carbon Dioxide Treatment Followed by Mild Acid Hydrolysis and the Fabrication of Cellulose Nanopapers. <i>Polymers</i> , 2019, 11, 1813.	4.5	41

#	ARTICLE	IF	CITATIONS
73	Carbon dioxide plasma treated PVDF electrospun membrane for the removal of crystal violet dyes and iron oxide nanoparticles from water. Nano Structures Nano Objects, 2019, 18, 100268.	3.5	41
74	Exploring isolated lignin material from oil palm biomass waste in green composites. Materials & Design, 2011, 32, 2604-2610.	5.1	40
75	Disposal Options of Bamboo Fabric-Reinforced Poly(Lactic) Acid Composites for Sustainable Packaging: Biodegradability and Recyclability. Polymers, 2015, 7, 1476-1496.	4.5	40
76	Polyester Composites Filled Carbon Black and Activated Carbon from Bamboo (Gigantochloa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 2007, 26, 305-320.	3.1	38
77	Effect of Oil Palm and Jute Fiber Treatment on Mechanical Performance of Epoxy Hybrid Composites. International Journal of Polymer Analysis and Characterization, 2014, 19, 62-69.	1.9	38
78	Effect of fibers treatment on dynamic mechanical and thermal properties of epoxy hybrid composites. Polymer Composites, 2015, 36, 1669-1674.	4.6	38
79	Microbial-induced CaCO ₃ filled seaweed-based film for green plasticulture application. Journal of Cleaner Production, 2018, 199, 150-163.	9.3	38
80	Robust Superhydrophobic Cellulose Nanofiber Aerogel for Multifunctional Environmental Applications. Polymers, 2019, 11, 495.	4.5	37
81	The effects of partial replacement of oil palm wood flour by silica and silane coupling agent on properties of natural rubber compounds. Polymer Testing, 2000, 20, 33-41.	4.8	35
82	Properties and Characterization of a PLAâ€“Chitinâ€“Starch Biodegradable Polymer Composite. Polymers, 2019, 11, 1656.	4.5	35
83	Flexible papers derived from polypyrrole deposited cellulose nanofibers for enhanced electromagnetic interference shielding in gigahertz frequencies. Journal of Applied Polymer Science, 2021, 138, 50262.	2.6	35
84	Isolation of Textile Waste Cellulose Nanofibrillated Fibre Reinforced in Polylactic Acid-Chitin Biodegradable Composite for Green Packaging Application. Polymers, 2021, 13, 325.	4.5	35
85	An Approach to Using Agricultural Waste Fibres in Biocomposites Application: Thermogravimetric Analysis and Activation Energy Study. BioResources, 2013, 9, .	1.0	34
86	Properties enhancement using oil palm shell nanoparticles of fibers reinforced polyester hybrid composites. Advanced Composite Materials, 2017, 26, 259-272.	1.9	34
87	THE EFFECT OF ANHYDRIDE MODIFICATION OF SAGO STARCH ON THE TENSILE AND WATER ABSORPTION PROPERTIES OF SAGO-FILLED LINEAR LOW-DENSITY POLYETHYLENE (LLDPE). Polymer-Plastics Technology and Engineering, 2001, 40, 249-263.	1.9	33
88	Optimization of bioresource material from oil palm trunk core drying using microwave radiation; a response surface methodology application. Bioresource Technology, 2010, 101, 8396-8401.	9.6	33
89	Preparation and Fundamental Characterization of Cellulose Nanocrystal from Oil Palm Fronds Biomass. Journal of Polymers and the Environment, 2017, 25, 692-700.	5.0	33
90	Recent trends and future prospects of nanostructured aerogels in water treatment applications. Journal of Water Process Engineering, 2022, 45, 102481.	5.6	33

#	ARTICLE	IF	CITATIONS
91	Preparation and Characterization of Nanocellulose/Chitosan Aerogel Scaffolds Using Chemical-Free Approach. Gels, 2021, 7, 246.	4.5	33
92	Dynamic Mechanical Properties of Activated Carbonâ€‘Filled Epoxy Nanocomposites. International Journal of Polymer Analysis and Characterization, 2013, 18, 247-256.	1.9	32
93	Bionanocomposite based on cellulose nanowhisker from oil palm biomass-filled poly(lactic acid). Polymer Testing, 2015, 48, 133-139.	4.8	32
94	Recent Progress in Modification Strategies of Nanocellulose-Based Aerogels for Oil Absorption Application. Polymers, 2022, 14, 849.	4.5	32
95	The use of bamboo fibres as reinforcements in composites. , 2015, , 488-524.		31
96	Curing and thermal properties of co-polymerized tannin phenolâ€‘formaldehyde resin for bonding wood veneers. Journal of Materials Research and Technology, 2020, 9, 6994-7001.	5.8	31
97	Graphene oxide nanocomposites based room temperature gas sensors: A review. Chemosphere, 2021, 280, 130641.	8.2	31
98	Incorporation of coconut shell based nanoparticles in kenaf/coconut fibres reinforced vinyl ester composites. Materials Research Express, 2017, 4, 035020.	1.6	30
99	Hybrid composites of oil palm empty fruit bunches/woven jute fiber: chemical resistance, physical, and impact properties. Journal of Composite Materials, 2011, 45, 2515-2522.	2.4	29
100	Flame retardancy, Thermal and mechanical properties of Kenaf fiber reinforced Unsaturated polyester/Phenolic composite. Fibers and Polymers, 2016, 17, 902-909.	2.1	29
101	Enhanced performance of lightweight kenaf-based hierarchical composite laminates with embedded carbon nanotubes. Materials and Design, 2019, 171, 107710.	7.0	29
102	Characterization and Performance Evaluation of Cellulose Acetateâ€‘Polyurethane Film for Lead II Ion Removal. Polymers, 2020, 12, 1317.	4.5	29
103	Tensile, Electrical Conductivity, and Morphological Properties of Carbon Blackâ€‘Filled Epoxy Composites. International Journal of Polymer Analysis and Characterization, 2013, 18, 329-338.	1.9	28
104	The Role of Biopolymer-Based Materials in Obstetrics and Gynecology Applications: A Review. Polymers, 2021, 13, 633.	4.5	28
105	Cotton Wastes Functionalized Biomaterials from Micro to Nano: A Cleaner Approach for a Sustainable Environmental Application. Polymers, 2021, 13, 1006.	4.5	28
106	Microencapsulation of Fish Oil Using Hydroxypropyl Methylcellulose As a Carrier Material by Spray Drying. Journal of Food Processing and Preservation, 2016, 40, 140-153.	2.0	27
107	Sustainable Durio zibethinus-Derived Biosorbents for Congo Red Removal from Aqueous Solution: Statistical Optimization, Isotherms and Mechanism Studies. Sustainability, 2021, 13, 13264.	3.2	27
108	Recycled Polypropylene-Oil Palm Biomass: The Effect on Mechanical and Physical Properties. Journal of Reinforced Plastics and Composites, 2010, 29, 1117-1130.	3.1	26

#	ARTICLE	IF	CITATIONS
109	Biomacromolecule immobilization: grafting of fish-scale collagen peptides onto aminolyzed P(3HB-co-4HB) scaffolds as a potential wound dressing. <i>Biomedical Materials</i> (Bristol), 2016, 11, 055009.	3.3	26
110	Cellulose Reinforced Biodegradable Polymer Composite Film for Packaging Applications. , 2018, , 49-69.		26
111	Improved Hydrophobicity of Macroalgae Biopolymer Film Incorporated with Kenaf Derived CNF Using Silane Coupling Agent. <i>Molecules</i> , 2021, 26, 2254.	3.8	26
112	Effect of weathering on physical, mechanical and morphological properties of chemically modified wood materials. <i>Materials & Design</i> , 2010, 31, 4363-4368.	5.1	25
113	Mechanical and thermal properties of chemical treated kenaf fibres reinforced polyester composites. <i>Journal of Composite Materials</i> , 2013, 47, 3343-3350.	2.4	25
114	Plasticizer Enhancement on the Miscibility and Thermomechanical Properties of Polylactic Acid-Chitin-Starch Composites. <i>Polymers</i> , 2020, 12, 115.	4.5	25
115	Enhancement of Oil Palm Waste Nanoparticles on the Properties and Characterization of Hybrid Plywood Biocomposites. <i>Polymers</i> , 2020, 12, 1007.	4.5	25
116	Oil Palm Empty Fruit Bunches (OPEFB) Reinforced in New Unsaturated Polyester Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2008, 27, 1817-1826.	3.1	24
117	Empty Fruit Bunches as a Reinforcement in Laminated Bio-composites. <i>Journal of Composite Materials</i> , 2011, 45, 219-236.	2.4	24
118	Effect of Hydrolysis Treatment on Cellulose Nanowhiskers from Oil Palm (<i>Elaeis guineensis</i>) Fronds: Morphology, Chemical, Crystallinity, and Thermal Characteristics. <i>BioResources</i> , 2016, 11, .	1.0	23
119	Filler-Modified Castor Oil-Based Polyurethane Foam for the Removal of Aqueous Heavy Metals Detected Using Laser-Induced Breakdown Spectroscopy (LIBS) Technique. <i>Polymers</i> , 2020, 12, 903.	4.5	23
120	BI-LAYER HYBRID BIOCOMPOSITES: CHEMICAL RESISTANT AND PHYSICAL PROPERTIES. <i>BioResources</i> , 2012, 7, .	1.0	22
121	Nanocellulose-Based Membranes for Water Purification. , 2019, , 59-85.		22
122	Extracted Compounds from Neem Leaves as Antimicrobial Agent on the Physico-Chemical Properties of Seaweed-Based Biopolymer Films. <i>Polymers</i> , 2020, 12, 1119.	4.5	22
123	Functional Properties and Molecular Degradation of <i>Schizostachyum Brachycladum</i> Bamboo Cellulose Nanofibre in PLA-Chitosan Bionanocomposites. <i>Molecules</i> , 2021, 26, 2008.	3.8	22
124	Exploring chemical analysis of vermicompost of various oil palm fibre wastes. <i>The Environmentalist</i> , 2010, 30, 273-278.	0.7	21
125	Impact Properties of Natural Fiber Hybrid Reinforced Epoxy Composites. <i>Advanced Materials Research</i> , 2011, 264-265, 688-693.	0.3	21
126	Nonwood-Based Composites. <i>Current Forestry Reports</i> , 2015, 1, 221-238.	7.4	21

#	ARTICLE	IF	CITATIONS
127	Microstructural Study, Tensile Properties, and Scanning Electron Microscopy Fractography Failure Analysis of Various Agricultural Residue Fibers. <i>Journal of Natural Fibers</i> , 2015, 12, 154-168.	3.1	21
128	EVALUATION OF ANTITERMITIC ACTIVITY OF DIFFERENT EXTRACTS OBTAINED FROM INDONESIAN TEAKWOOD (<i>Tectona grandis</i> L.f). <i>BioResources</i> , 2012, 7, .	1.0	20
129	Effect of Chemical Modifications of Fibers on Tensile Properties of Epoxy Hybrid Composites. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 391-403.	1.9	20
130	Cellulosic Nanocomposites from Natural Fibers for Medical Applications: A Review. , 2015, , 475-511.		20
131	Oil Palm Shell Nanofiller in Seaweed-based Composite Film: Mechanical, Physical, and Morphological Properties. <i>BioResources</i> , 2017, 12, .	1.0	20
132	Incorporation of Electrochemically Exfoliated Graphene Oxide and TiO ₂ into Polyvinylidene Fluoride-Based Nanofiltration Membrane for Dye Rejection. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	20
133	The Role of Bamboo Nanoparticles in Kenaf Fiber Reinforced Unsaturated Polyester Composites. <i>Journal of Renewable Materials</i> , 2018, 6, 75-86.	2.2	19
134	Extracted supercritical CO ₂ cinnamon oil functional properties enhancement in cellulose nanofibre reinforced <i>Euchema cottoni</i> biopolymer films. <i>Journal of Materials Research and Technology</i> , 2021, 15, 4293-4308.	5.8	19
135	Extraction and Isolation of Cellulose Nanofibers from Carpet Wastes Using Supercritical Carbon Dioxide Approach. <i>Polymers</i> , 2022, 14, 326.	4.5	19
136	Agro-wastes: Mechanical and physical properties of resin impregnated oil palm trunk core lumber. <i>Polymer Composites</i> , 2009, 31, NA-NA.	4.6	18
137	Properties of Macroalgae Biopolymer Films Reinforcement with Polysaccharide Microfibre. <i>Polymers</i> , 2020, 12, 2554.	4.5	18
138	An experimental and finite element analysis of the static deformation of natural fiber-reinforced composite beam. <i>Polymer Testing</i> , 2003, 22, 169-177.	4.8	17
139	The Effect of Storage Time and Humidity on Mechanical and Physical Properties of Medium Density Fiberboard (MDF) from Oil Palm Empty Fruit Bunch and Rubberwood. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 1046-1053.	1.9	17
140	Exploring Material Properties of Vinyl Ester Biocomposites Filled Carbonized <i>Jatropha</i> Seed Shell. <i>BioResources</i> , 2014, 9, .	1.0	17
141	Waterless sterilization of oil palm fruitlets using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017, 126, 65-71.	3.2	17
142	Reduced graphene oxide/platinum hybrid counter electrode assisted by custom-made triple-tail surfactant and zinc oxide/titanium dioxide bilayer nanocomposite photoanode for enhancement of DSSCs photovoltaic performance. <i>Optik</i> , 2018, 161, 70-83.	2.9	17
143	Reduced graphene oxide-multiwalled carbon nanotubes hybrid film with low Pt loading as counter electrode for improved photovoltaic performance of dye-sensitised solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10723-10743.	2.2	17
144	Treatment of Palm Oil Refinery Effluent Using Tannin as a Polymeric Coagulant: Isotherm, Kinetics, and Thermodynamics Analyses. <i>Polymers</i> , 2020, 12, 2353.	4.5	17

#	ARTICLE	IF	CITATIONS
145	Properties and Characterization of Lignin Nanoparticles Functionalized in Macroalgae Biopolymer Films. <i>Nanomaterials</i> , 2021, 11, 637.	4.1	17
146	Development of green MMT-modified hemicelluloses based nanocomposite film with enhanced functional and barrier properties. <i>BioResources</i> , 2019, 14, 8029-8047.	1.0	17
147	Investigation of Rheological Behavior of Low Pressure Injection Molded Stainless Steel Feedstocks. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-9.	1.8	16
148	Evaluation of Interfacial Fracture Toughness and Interfacial Shear Strength of Typha Spp. Fiber/Polymer Composite by Double Shear Test Method. <i>Materials</i> , 2019, 12, 2225.	2.9	16
149	Functional Properties of Antimicrobial Neem Leaves Extract Based Macroalgae Biofilms for Potential Use as Active Dry Packaging Applications. <i>Polymers</i> , 2021, 13, 1664.	4.5	16
150	Effect of empty fruit bunches microcrystalline cellulose (MCC) on the thermal, mechanical and morphological properties of biodegradable poly (lactic acid) (PLA) and polybutylene adipate terephthalate (PBAT) composites. <i>Materials Research Express</i> , 2020, 7, 015336.	1.6	16
151	New Approach to Oil Palm Trunk Core Lumber Material Properties Enhancement via Resin Impregnation. <i>Journal of Biobased Materials and Bioenergy</i> , 2012, 6, 299-308.	0.3	16
152	Chemical Modification of Wood with Maleic Anhydride and Subsequent Copolymerization with Diallyl Phthalate. <i>Journal of Wood Chemistry and Technology</i> , 1997, 17, 419-433.	1.7	15
153	Adhesion Properties of Adhesive Prepared from Waste Polystyrene. <i>Journal of Polymers and the Environment</i> , 2009, 17, 165-169.	5.0	15
154	Development and Material Properties of Chitosan and Phosphomolybdic Acid-based Composites. <i>Journal of Composite Materials</i> , 2011, 45, 39-49.	2.4	15
155	Development and characterization of bamboo fiber reinforced biopolymer films. <i>Materials Research Express</i> , 2018, 5, 085309.	1.6	15
156	Preparation of Palm Oil Ash Nanoparticles: Taguchi Optimization Method by Particle Size Distribution and Morphological Studies. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 985.	2.5	15
157	Microbial treatment for nanocellulose extraction from marine algae and its applications as sustainable functional material. <i>Bioresource Technology Reports</i> , 2021, 16, 100811.	2.7	15
158	Insights into the Role of Biopolymer-Based Xerogels in Biomedical Applications. <i>Gels</i> , 2022, 8, 334.	4.5	15
159	The Effect of Soil Burial Degradation of Oil Palm Trunk Fiber-filled Recycled Polypropylene Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 1653-1663.	3.1	14
160	Development and characterization of novel modified red mud nanocomposites based on poly(hydroxy) Tj ETQq0 0 0 0 rgBT /Overlock 10 T	2.6	14
161	Designing of Collagen Based Poly(3-hydroxybutyrate- <i>co</i> -4-hydroxybutyrate) Scaffolds for Tissue Engineering. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-10.	2.7	14
162	Surfactants with aromatic headgroups for optimizing properties of graphene/natural rubber latex composites (NRL): Surfactants with aromatic amine polar heads. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 184-194.	9.4	14

#	ARTICLE	IF	CITATIONS
163	The role of silica-containing agro-industrial waste as reinforcement on physicochemical and thermal properties of polymer composites. Heliyon, 2020, 6, e03550.	3.2	14
164	The Role of Two-Step Blending in the Properties of Starch/Chitin/Polylactic Acid Biodegradable Composites for Biomedical Applications. Polymers, 2020, 12, 592.	4.5	14
165	Exploring the properties of hemicellulose based carboxymethyl cellulose film as a potential green packaging. Current Research in Green and Sustainable Chemistry, 2020, 1-2, 20-28.	5.6	14
166	PREPARATION AND PROPERTIES OF OIL PALM FROND COMPOSITE BASED ON METHACRYLIC SILANE AND GLYCIDYL METHACRYLATE. European Polymer Journal, 1997, 33, 225-230.	5.4	13
167	Hybrid Thermoplastic Pre-preg Oil Palm Frond Fibers (OPF) Reinforced in Polyester Composites. Polymer-Plastics Technology and Engineering, 2007, 46, 43-50.	1.9	13
168	Preparation of activated carbon filled epoxy nanocomposites. Journal of Thermal Analysis and Calorimetry, 2013, 113, 623-631.	3.6	13
169	Hybridized Biocomposites from Agro-Wastes: Mechanical, Physical and Thermal Characterization. Journal of Polymers and the Environment, 2011, 19, 49-58.	5.0	12
170	Natural weathering studies of oil palm trunk lumber (OPTL) green polymer composites enhanced with oil palm shell (OPS) nanoparticles. SpringerPlus, 2013, 2, 592.	1.2	12
171	Physicochemical Characterization of Microcrystalline Cellulose Extracted from Kenaf Bast. BioResources, 2016, 11, .	1.0	12
172	Nanomaterialsâ€™State of Art, New Challenges, and Opportunities. , 2019, , 1-24.		12
173	Nanocellulose Based Aerogels for Varying Engineering Applications. , 2020, , 155-165.		12
174	White Rice Husk Ash Filled Natural Rubber/Linear Low Density Polyethylene Blends. International Journal of Polymeric Materials and Polymeric Biomaterials, 2001, 48, 461-475.	3.4	11
175	Polypropylene (PP)â€™Acacia mangiumcomposites: the effect of acetylation on mechanical and water absorption properties. Polymer-Plastics Technology and Engineering, 2002, 41, 453-468.	1.9	11
176	Wood Filler-recycled Polypropylene (WF-RPP) Composite Pallet: Study of Fastening Method. Journal of Reinforced Plastics and Composites, 2008, 27, 1723-1731.	3.1	11
177	Effect of Anhydride Modification on the Thermal Stability of Cultivated<i>Acacia mangium</i>. Journal of Wood Chemistry and Technology, 2011, 31, 154-171.	1.7	11
178	Physical and thermal properties of microwave-dried wood lumber impregnated with phenol formaldehyde resin. Journal of Composite Materials, 2013, 47, 3565-3571.	2.4	11
179	Irradiation Pretreatment of Tropical Biomass and Biofiber for Biofuel Production. , 0, , .		11
180	Influence of layering pattern of modified kenaf fiber on thermomechanical properties of epoxy composites. Progress in Rubber, Plastics and Recycling Technology, 2020, 36, 47-62.	1.8	11

#	ARTICLE	IF	CITATIONS
181	The role of cellulose nanofibrillated fibers produced with combined supercritical carbon dioxide and high pressure homogenization process as reinforcement material in biodegradable polymer. <i>Polymer Composites</i> , 2021, 42, 1795-1808.	4.6	11
182	Augmentation of physico-mechanical, thermal and biodegradability performances of bio-precipitated material reinforced in <i>Eucheuma cottonii</i> biopolymer films. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1673-1688.	5.8	11
183	The effect of biological studies of polyester composites filled carbon black and activated carbon from bamboo (<i>Gigantochloa scortechinii</i>). <i>Polymer Composites</i> , 2007, 28, 6-14.	4.6	10
184	Prediction of Mechanical Properties of Mica-filled Epoxy Composite Using Various Mechanical Models. <i>Journal of Reinforced Plastics and Composites</i> , 2010, 29, 2368-2378.	3.1	10
185	Thermal, spectroscopic, and flexural properties of anhydride modified cultivated <i>Acacia</i> spp.. <i>Wood Science and Technology</i> , 2011, 45, 597-606.	3.2	10
186	Effect of Fiber Treatment on Dimensional Stability and Chemical Resistance Properties of Hybrid Composites. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 608-616.	1.9	10
187	Preparation and characterization of modified and unmodified carrageenan based films. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 368, 012020.	0.6	10
188	Fabrication and characterization of P(3HB-co-4HB)/gelatine biomimetic nanofibrous scaffold for tissue engineering application. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	10
189	Effects of strain rate on failure mechanisms and energy absorption in polymer composites. , 2019, , 51-78.		10
190	Electrochemical exfoliation of graphite in nanofibrillated kenaf cellulose (NFC)/surfactant mixture for the development of conductive paper. <i>Carbohydrate Polymers</i> , 2020, 228, 115376.	10.2	10
191	Wood Filler(WF)-recycled Polypropylene (RPP) Composite Pallet: Study of Static Deformation using FEA and Shadow Moire. <i>Journal of Reinforced Plastics and Composites</i> , 2008, 27, 1733-1744.	3.1	9
192	Selective Solvent Extraction of the Bark of <i>Rhizophora apiculata</i> as an Anti-Termite Agent against <i>Coptotermes gestroi</i> . <i>Journal of Wood Chemistry and Technology</i> , 2009, 29, 286-304.	1.7	9
193	Degradation of epoxidized natural rubber compatibilized linear low density polyethylene/ soya powder blends: the effect of natural weathering. <i>Journal of Polymer Engineering</i> , 2013, 33, 579-588.	1.4	9
194	Nanofibrillated cellulose reinforcement in thermoset polymer composites. , 2017, , 1-24.		9
195	Enhancement of the Physical, Mechanical, and Thermal Properties of Epoxy-based Bamboo Nanofiber Nanocomposites. <i>BioResources</i> , 2018, 13, .	1.0	9
196	Barrier properties of biocomposites/hybrid films. , 2019, , 241-258.		9
197	Utilisation of Oil Palm Ash in Foamed Concrete. <i>MATEC Web of Conferences</i> , 2014, 15, 01033.	0.2	8
198	The Growth and Reproduction of <i>Eisenia fetida</i> and <i>Eudrilus eugeniae</i> in Mixtures of Empty Fruit Bunch and Palm Oil Mill Effluent. <i>Compost Science and Utilization</i> , 2014, 22, 40-46.	1.2	8

#	ARTICLE	IF	CITATIONS
199	Electrospun Cellulose Composite Nanofibers. , 2015, , 191-227.		8
200	Cellulosic Pulp Fiber as Reinforcement Materials in Seaweed-Based Film. BioResources, 2016, 12, .	1.0	8
201	Woven Natural Fiber Fabric Reinforced Biodegradable Composite: Processing, Properties and Application. Green Energy and Technology, 2017, , 199-224.	0.6	8
202	Optimisation of mechanical properties of bamboo fibre reinforced-PLA biocomposites. AIP Conference Proceedings, 2017, , .	0.4	8
203	Effects of Corn Starch and Kappaphycus alvarezii Seaweed Blend Concentration on the Optical, Mechanical, and Water Vapor Barrier Properties of Composite Films. BioResources, 2017, 13, .	1.0	8
204	Synergistic Effect of Oil Palm Based Pozzolan Materials/Oil Palm Waste on Polyester Hybrid Composite. Journal of Polymers and the Environment, 2018, 26, 4063-4072.	5.0	8
205	Titanium dioxide/agglomerated-free reduced graphene oxide hybrid photoanode film for dye-sensitized solar cells photovoltaic performance improvement. Nano Structures Nano Objects, 2019, 18, 100314.	3.5	8
206	Elucidation of Antimicrobial Silver Sulfadiazine (SSD) Blend/Poly(3-Hydroxybutyrate-co-4-Hydroxybutyrate) Immobilised with Collagen Peptide as Potential Biomaterial. Polymers, 2020, 12, 2979.	4.5	8
207	The role of amphiphilic chitosan in hybrid nanocelluloseâ€“reinforced polylactic acid biocomposite. Polymers for Advanced Technologies, 2021, 32, 3446-3457.	3.2	8
208	Bionanocarbon Functional Material Characterisation and Enhancement Properties in Nonwoven Kenaf Fibre Nanocomposites. Polymers, 2021, 13, 2303.	4.5	8
209	Soil Burial Degradation of Oil Palm Shell (OPS) Nanofiller and Phenol Formaldehyde (PF) Resin-Impregnated Oil Palm Trunk Lumber (OPTL): Dimensional Stability and Mechanical Properties. Journal of Biobased Materials and Bioenergy, 2016, 10, 258-264.	0.3	8
210	Thermal and FT-IR Characterization of Gigantochloa levis and Gigantochloa scortechinii Bamboo, a Naturally Occurring Polymeric Composite. Journal of Polymers and the Environment, 2013, 21, 534-544.	5.0	7
211	Modification of the Inner Part of the Oil Palm Trunk (OPT) with Oil Palm Shell (OPS) Nanoparticles and Phenol Formaldehyde (PF) Resin: Physical, Mechanical, and Thermal Properties. BioResources, 2013, 9, .	1.0	7
212	Determination of the Combined Effect of Chemical Modification and Compression of Agatis Wood on the Dimensional Stability, Termite Resistance, and Morphological Structure. BioResources, 2014, 9, .	1.0	7
213	Mechanical properties of oil palm biocomposites enhanced with micro to nanobiofillers. , 2015, , 401-435.		7
214	Role of dispersion time on the properties of enzymatic-treated bamboo cellulose nanofibers. Materials Research Express, 2018, 5, 105014.	1.6	7
215	Green Composites From Sustainable Cellulose Nanofibrils. , 2020, , 81-94.		7
216	Properties and Interfacial Bonding Enhancement of Oil Palm Bio-Ash Nanoparticles Biocomposites. Polymers, 2021, 13, 1615.	4.5	7

#	ARTICLE	IF	CITATIONS
217	Termite Resistance Study of Oil Palm Trunk Lumber (OPTL) Impregnated with Oil Palm Shell Meal and Phenol-Formaldehyde Resin. <i>BioResources</i> , 2013, 8, .	1.0	7
218	Improvements of Fibreboard Properties through Fibre Activation with Silane. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1996, 32, 247-257.	3.4	6
219	Styrene butadiene rubber/epoxidized natural rubber blends: Compatibilizer effects. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2002, 51, 1031-1044.	3.4	6
220	High-Pressure Enzymatic Hydrolysis to Reveal Physicochemical and Thermal Properties of Bamboo Fiber Using a Supercritical Water Fermenter. <i>BioResources</i> , 2014, 9, .	1.0	6
221	Characterization of Plant Nanofiber-Reinforced Epoxy Composites. <i>BioResources</i> , 2015, 10, .	1.0	6
222	Bionanomaterial from agricultural waste and its application. , 2017, , 45-88.		6
223	Nanocellulose-based aerogels for industrial applications. , 2019, , 403-421.		6
224	Effect of Mesh Sensitivity and Cohesive Properties on Simulation of Typha Fiber/Epoxy Microbond Test. <i>Computation</i> , 2020, 8, 2.	2.0	6
225	Parameter optimization via the Taguchi method to improve the mechanical properties of bamboo particle reinforced polylactic acid composites. <i>BioResources</i> , 2020, 16, 1914-1939.	1.0	6
226	CHARACTERIZATION OF VARIOUS ORGANIC WASTE NANOFILLERS OBTAINED FROM OIL PALM ASH. <i>BioResources</i> , 2012, 7, .	1.0	6
227	Isolation and characterization of regenerated cellulose films using microcrystalline cellulose from oil palm empty fruit bunch with an ionic liquid. <i>BioResources</i> , 2020, 15, 8268-8290.	1.0	6
228	Non-wood Renewable Materials: Properties Improvement and Its Application. , 2014, , 1-29.		5
229	Impregnation of laser incised wood of Douglas fir and Japanese cedar by dipping (passive impregnation) in solutions of copper azole (CuAz-B) and a fire retardant (PPC). <i>Holzforschung</i> , 2014, 68, 353-360.	1.9	5
230	Agricultural Biomass Raw Materials: The Current State and Future Potentialities. , 2014, , 77-100.		5
231	Value-Added Utilization of Agro-Waste Derived Oil Palm Ash in Epoxy Composites. <i>Journal of Renewable Materials</i> , 2019, 7, 1269-1278.	2.2	5
232	Properties and Characterization of New Approach Organic Nanoparticle-Based Biocomposite Board. <i>Polymers</i> , 2020, 12, 2236.	4.5	5
233	Physical, mechanical and morphological properties of laminated bamboo hybrid composite: a potential raw material for furniture manufacturing. <i>Materials Research Express</i> , 2020, 7, 075503.	1.6	5
234	Effect of ball-milling time on chemical property of coconut shell powder. <i>Journal of Physics: Conference Series</i> , 2020, 1572, 012021.	0.4	5

#	ARTICLE	IF	CITATIONS
235	Propionic Anhydride Modification of Cellulosic Kenaf Fibre Enhancement with Bionanocarbon in Nanobiocomposites. <i>Molecules</i> , 2021, 26, 4248.	3.8	5
236	Properties Enhancement Nano Coconut Shell Filled in Packaging Plastic Waste Bionanocomposite. <i>Polymers</i> , 2022, 14, 772.	4.5	5
237	Study of three-dimensional deformation of a pallet using phase-shiff shadow moiré and finite-element analysis. <i>Experimental Mechanics</i> , 2005, 45, 9-17.	2.0	4
238	Effect of Methylene Spacers of Unsaturated Polyester Resins on the Properties of Composites Based on Oil Palm Empty Fruit Bunches and Fiberglass. <i>Advanced Composite Materials</i> , 2011, 20, 1-12.	1.9	4
239	Carbon Nanofiller-enhanced Ceramic Composites: Thermal and Electrical Studies. <i>BioResources</i> , 2014, 9, .	1.0	4
240	Functionally graded wood filler“recycled polypropylene composite: Effect of mechanical loading on deflection of cantilever beam. <i>Advanced Composites Letters</i> , 2020, 29, 2633366X2092285.	1.3	4
241	Fabrication and application of composite adsorbents made by one-pot electrochemical exfoliation of graphite in surfactant ionic liquid/nanocellulose mixtures. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19313-19328.	2.8	4
242	Thermal conductivity behavior of oil palm/jute fibre-reinforced hybrid composites. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
243	Cellulose nanowhiskers from oil palm empty fruit bunch biomass as green fillers. , 2017, , 241-259.		3
244	Hybrid bast fiber reinforced thermoset composites. , 2017, , 203-234.		3
245	Oil palm microfiber-reinforced handsheet-molded thermoplastic green composites for sustainable packaging applications. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2019, 35, 173-187.	1.8	3
246	Optimizing the Isolation of Microfibrillated Bamboo in High Pressure Enzymatic Hydrolysis. <i>BioResources</i> , 2015, 10, .	1.0	3
247	Functional Properties of Kenaf Bast Fibre Anhydride Modification Enhancement with Bionanocarbon in Polymer Nanobiocomposites. <i>Polymers</i> , 2021, 13, 4211.	4.5	3
248	Dynamic mechanical analysis and topological studies of phenoxy reinforced with modified red mud waste nanofiller based composites. <i>Journal of Composite Materials</i> , 2013, 47, 1019-1027.	2.4	2
249	Nanoclay Reinforced on Biodegradable Polymer Composites: Potential as a Soil Stabilizer. <i>Engineering Materials</i> , 2016, , 329-356.	0.6	2
250	Design of green laminated composites from agricultural biomass. , 2017, , 291-311.		2
251	Spectroscopy and microscopy of microfibrillar and nanofibrillar composites. , 2017, , 279-299.		2
252	Characterization of Vinyl Ester Composites Filled with Carbonized Jatropha seed shell: effect of accelerated weathering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 358, 012053.	0.6	2

#	ARTICLE	IF	CITATIONS
253	Surface Characterization and Physiochemical Evaluation of P(3HB-co-4HB)-Collagen Peptide Scaffolds with Silver Sulfadiazine as Antimicrobial Agent for Potential Infection-Resistance Biomaterial. <i>Polymers</i> , 2021, 13, 2454.	4.5	2
254	Ultraviolet light exposure degradation effect on the properties of nanocrystalline cellulose-reinforced polyvinyl alcohol composite film. <i>Progress in Rubber, Plastics and Recycling Technology</i> , 2022, 38, 21-37.	1.8	2
255	Environmental Durability of Vinyl Ester Composites Filled with Carbonized Jatropha Seed Shell. <i>BioResources</i> , 2015, 10, .	1.0	2
256	The Role of Montmorillonite Loading on the Physicochemical Properties of Regenerated Cellulose Nanocomposite Films Obtained from Microcrystalline Cellulose. <i>Journal of Physical Science</i> , 2020, 31, 85-103.	0.9	2
257	A guide to designing graphene-philic surfactants. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 346-355.	9.4	2
258	Influences and Properties of Various Activated Carbon and Carbon Black Filled in Epoxy Composite. <i>Advanced Materials Research</i> , 0, 264-265, 513-517.	0.3	1
259	Comparing the effects of microcrystalline cellulose and cellulose nanowhiskers extracted from oil palm empty fruit bunch on mechanical and thermal properties of polylactic acid composites. , 2015, , 27-40.		1
260	Supercritical Carbon Dioxide Treated Kenaf Bast Pulp Fiber Reinforcement in Epoxy Composite. <i>Journal of Renewable Materials</i> , 2017, 5, 380-387.	2.2	1
261	Composites polyvinyl alcohol filled with nanocellulose from oil palm waste by formic acid hydrolysis. <i>MATEC Web of Conferences</i> , 2019, 268, 04012.	0.2	1
262	Supercritical Carbon Dioxide Isolation of Cellulose Nanofibre and Enhancement Properties in Biopolymer Composites. <i>Molecules</i> , 2021, 26, 5276.	3.8	1
263	Nanobioceramic Composites: A Study of Mechanical, Morphological, and Thermal Properties. <i>BioResources</i> , 2013, 9, .	1.0	1
264	Surface Modification of Sponge-like Porous Poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/Gelatin Blend Scaffolds for Potential Biomedical Applications. <i>Polymers</i> , 2022, 14, 1710.	4.5	1
265	Removal of ammoniacal nitrogen and oxidised nitrogen in landfill leachate using vegetated constructed wetland with continuous flow through different filter media. , 2010, , .		0
266	Effect of Coupling Agent on Mechanical and Thermal Behaviour of Oil Palm/Jute Hybrid Composites. <i>Advanced Materials Research</i> , 2013, 686, 125-129.	0.3	0
267	Preparation of Medium Density Fiberboard from Wood Fibers Catalytically Oxidized by Laccase-Mediator System. <i>BioResources</i> , 2015, 10, .	1.0	0
268	Preparation and characterization of red seaweed/calcium carbonate composite films. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 368, 012041.	0.6	0
269	Functional Nanocellulose Aerogels for Varying Technological Applications. , 2021, , 449-480.		0
270	New Epoxy Resins Based on Azomethine Groups for Potential Polymer Applications. , 2004, , 149-153.		0

#	ARTICLE	IF	CITATIONS
271	PERFORMANCE OF THE CONTINUOUS FLOW OF UNVEGETATED CONSTRUCTED WETLAND WITH DIFFERENT FILTER MEDIA FOR REMOVAL OF CHEMICAL OXYGEN DEMAND AND IRON IN LANDFILL LEACHATE TREATMENT. , 2009, , .		0
272	SCALE-UP STUDY ON THE SUPERCRITICAL CARBON DIOXIDE STERILISATION OF OIL PALM FRESH FRUIT BUNCH. Journal of Oil Palm Research, 0, , .	2.1	0
273	The Role of Typha angustifolia Fiberâ€™Matrix Bonding Parameters on Interfacial Shear Strength Analysis. Polymers, 2022, 14, 1006.	4.5	0