

H P S Abdul Khalil

List of Publications by Citations

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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.

263
papers

10,884
citations

45
h-index

98
g-index

281
ext. papers

12,732
ext. citations

3.8
avg, IF

6.68
L-index

#	Paper	IF	Citations
263	Green composites from sustainable cellulose nanofibrils: A review. <i>Carbohydrate Polymers</i> , 2012 , 87, 963-979	10.3	1062
262	Cellulosic/synthetic fibre reinforced polymer hybrid composites: A review. <i>Carbohydrate Polymers</i> , 2011 , 86, 1-18	10.3	848
261	Production and modification of nanofibrillated cellulose using various mechanical processes: a review. <i>Carbohydrate Polymers</i> , 2014 , 99, 649-65	10.3	821
260	Bamboo fibre reinforced biocomposites: A review. <i>Materials & Design</i> , 2012 , 42, 353-368		433
259	Potential materials for food packaging from nanoclay/natural fibres filled hybrid composites. <i>Materials & Design</i> , 2013 , 46, 391-410		399
258	A review on chitosan-cellulose blends and nanocellulose reinforced chitosan biocomposites: Properties and their applications. <i>Carbohydrate Polymers</i> , 2016 , 150, 216-26	10.3	305
257	Effect of jute fibre loading on tensile and dynamic mechanical properties of oil palm epoxy composites. <i>Composites Part B: Engineering</i> , 2013 , 45, 619-624	10	298
256	Chemical composition, anatomy, lignin distribution, and cell wall structure of Malaysian plant waste fibers. <i>BioResources</i> , 2006 , 1, 220-232	1.3	230
255	Effect of fiber treatments on mechanical properties of coir or oil palm fiber reinforced polyester composites. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 1685-1697	2.9	206
254	Chemical resistance, void content and tensile properties of oil palm/jute fibre reinforced polymer hybrid composites. <i>Materials & Design</i> , 2011 , 32, 1014-1019		194
253	Woven hybrid composites: Tensile and flexural properties of oil palm-woven jute fibres based epoxy composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 5190-5195	5.3	187
252	Cell wall ultrastructure, anatomy, lignin distribution, and chemical composition of Malaysian cultivated kenaf fiber. <i>Industrial Crops and Products</i> , 2010 , 31, 113-121	5.9	169
251	A review on nanocellulosic fibres as new material for sustainable packaging: Process and applications. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 64, 823-836	16.2	165
250	Agro-hybrid Composite: The Effects on Mechanical and Physical Properties of Oil Palm Fiber (EFB)/Glass Hybrid Reinforced Polyester Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2007 , 26, 203-218	2.9	165
249	Mechanical performance of oil palm empty fruit bunches/jute fibres reinforced epoxy hybrid composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 7944-7949	5.3	146
248	Woven hybrid biocomposites: Dynamic mechanical and thermal properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012 , 43, 288-293	8.4	135
247	Mechanical and thermal properties of sisal fiber-reinforced rubber seed oil-based polyurethane composites. <i>Materials & Design</i> , 2010 , 31, 4274-4280		133

246	Lignocellulose-based Hybrid Bilayer Laminate Composite: Part I - Studies on Tensile and Impact Behavior of Oil Palm Fiber-Glass Fiber-reinforced Epoxy Resin. <i>Journal of Composite Materials</i> , 2005 , 39, 663-684	2.7	125
245	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. <i>Polymer Testing</i> , 2001 , 20, 125-133	4.5	122
244	Chemical Composition, Morphological Characteristics, and Cell Wall Structure of Malaysian Oil Palm Fibers. <i>Polymer-Plastics Technology and Engineering</i> , 2008 , 47, 273-280		119
243	Biodegradable polymer films from seaweed polysaccharides: A review on cellulose as a reinforcement material. <i>EXPRESS Polymer Letters</i> , 2017 , 11, 244-265	3.4	118
242	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. <i>Polymers</i> , 2014 , 6, 2611-2624 ¹⁰²	4.5	115
241	Biodegradable green packaging with antimicrobial functions based on the bioactive compounds from tropical plants and their by-products. <i>Trends in Food Science and Technology</i> , 2020 , 100, 262-277	15.3	99
240	Sisal/Carbon Fibre Reinforced Hybrid Composites: Tensile, Flexural and Chemical Resistance Properties. <i>Journal of Polymers and the Environment</i> , 2010 , 18, 727-733	4.5	98
239	ACETYLATED PLANT-FIBER-REINFORCED POLYESTER COMPOSITES: A STUDY OF MECHANICAL, HYGROTHERMAL, AND AGING CHARACTERISTICS. <i>Polymer-Plastics Technology and Engineering</i> , 2000 , 39, 757-781		97
238	A Jatropha biomass as renewable materials for biocomposites and its applications. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 22, 667-685	16.2	93
237	Conventional agro-composites from chemically modified fibres. <i>Industrial Crops and Products</i> , 2007 , 26, 315-323	5.9	93
236	Seaweed based sustainable films and composites for food and pharmaceutical applications: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 77, 353-362	16.2	90
235	Effect of acetylation and coupling agent treatments upon biological degradation of plant fibre reinforced polyester composites. <i>Polymer Testing</i> , 2000 , 20, 65-75	4.5	86
234	Hybrid Composites Made from Oil Palm Empty Fruit Bunches/Jute Fibres: Water Absorption, Thickness Swelling and Density Behaviours. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 106-109	4.5	84
233	Exploring biomass based carbon black as filler in epoxy composites: Flexural and thermal properties. <i>Materials & Design</i> , 2010 , 31, 3419-3425		84
232	Green Composites Made of Bamboo Fabric and Poly (Lactic) Acid for Packaging Applications-A Review. <i>Materials</i> , 2016 , 9,	3.5	82
231	Development and material properties of new hybrid plywood from oil palm biomass. <i>Materials & Design</i> , 2010 , 31, 417-424		79
230	Development and characterization of epoxy nanocomposites based on nano-structured oil palm ash. <i>Composites Part B: Engineering</i> , 2013 , 53, 324-333	10	72
229	A Review on Plant Cellulose Nanofibre-Based Aerogels for Biomedical Applications. <i>Polymers</i> , 2020 , 12,	4.5	72

228	A review of extractions of seaweed hydrocolloids: Properties and applications. <i>EXPRESS Polymer Letters</i> , 2018 , 12, 296-317	3.4	69
227	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	2.9	67
226	Properties of Banana and Pandanus Woven Fabric Reinforced Unsaturated Polyester Composites. <i>Journal of Composite Materials</i> , 2008 , 42, 931-941	2.7	66
225	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	4.5	58
224	Flat-pressed wood plastic composites from sawdust and recycled polyethylene terephthalate (PET): physical and mechanical properties. <i>SpringerPlus</i> , 2013 , 2, 629		57
223	Exploring the effect of cellulose nanowhiskers isolated from oil palm biomass on polylactic acid properties. <i>International Journal of Biological Macromolecules</i> , 2016 , 85, 370-8	7.9	56
222	Natural fiber reinforced poly(vinyl chloride) composites: A review. <i>Journal of Reinforced Plastics and Composites</i> , 2013 , 32, 330-356	2.9	53
221	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	5.9	53
220	Biodegradable Films for Fruits and Vegetables Packaging Application: Preparation and Properties. <i>Food Engineering Reviews</i> , 2018 , 10, 139-153	6.5	47
219	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	4.5	46
218	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	8.6	45
217	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	16.2	43
216	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	2.7	41
215	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	1.4	41
214	A review on mechanism and future perspectives of cadmium-resistant bacteria. <i>International Journal of Environmental Science and Technology</i> , 2018 , 15, 243-262	3.3	40
213	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	7.9	37
212	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	2.9	37
211	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	8.3	36

210	Polyester Composites Filled Carbon Black and Activated Carbon from Bamboo (<i>Gigantochloa scortechinii</i>): Physical and Mechanical Properties. <i>Journal of Reinforced Plastics and Composites</i> , 2007 , 26, 305-320	2.9	34
209	The Effects of Unbleached and Bleached Nanocellulose on the Thermal and Flammability of Polypropylene-Reinforced Kenaf Core Hybrid Polymer Bionanocomposites. <i>Polymers</i> , 2020 , 13,	4.5	34
208	Effect of Oil Palm and Jute Fiber Treatment on Mechanical Performance of Epoxy Hybrid Composites. <i>International Journal of Polymer Analysis and Characterization</i> , 2014 , 19, 62-69	1.7	33
207	A Review on Revolutionary Natural Biopolymer-Based Aerogels for Antibacterial Delivery. <i>Antibiotics</i> , 2020 , 9,	4.9	33
206	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	3.5	32
205	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,	4.5	32
204	Robust Superhydrophobic Cellulose Nanofiber Aerogel for Multifunctional Environmental Applications. <i>Polymers</i> , 2019 , 11,	4.5	31
203	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	9.3	31
202	Development and material properties of new hybrid medium density fibreboard from empty fruit bunch and rubberwood. <i>Materials & Design</i> , 2010 , 31, 4229-4236		31
201	The effects of partial replacement of oil palm wood flour by silica and silane coupling agent on properties of natural rubber compounds. <i>Polymer Testing</i> , 2000 , 20, 33-41	4.5	31
200	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	4.5	30
199	Disposal Options of Bamboo Fabric-Reinforced Poly(Lactic) Acid Composites for Sustainable Packaging: Biodegradability and Recyclability. <i>Polymers</i> , 2015 , 7, 1476-1496	4.5	30
198	Development of seaweed-based bamboo microcrystalline cellulose films intended for sustainable food packaging applications. <i>BioResources</i> , 2019 , 14, 3389-3410	1.3	30
197	Bionanocomposite based on cellulose nanowhisker from oil palm biomass-filled poly(lactic acid). <i>Polymer Testing</i> , 2015 , 48, 133-139	4.5	29
196	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	29
195	Effect of fibers treatment on dynamic mechanical and thermal properties of epoxy hybrid composites. <i>Polymer Composites</i> , 2015 , 36, 1669-1674	3	29
194	Exploring isolated lignin material from oil palm biomass waste in green composites. <i>Materials & Design</i> , 2011 , 32, 2604-2610		29
193	A Review on Micro- to Nanocellulose Biopolymer Scaffold Forming for Tissue Engineering Applications. <i>Polymers</i> , 2020 , 12,	4.5	29

192	Microbial-induced CaCO ₃ filled seaweed-based film for green plasticulture application. <i>Journal of Cleaner Production</i> , 2018 , 199, 150-163	10.3	28
191	Optimization of bioresource material from oil palm trunk core drying using microwave radiation; a response surface methodology application. <i>Bioresource Technology</i> , 2010 , 101, 8396-401	11	28
190	THE EFFECT OF ANHYDRIDE MODIFICATION OF SAGO STARCH ON THE TENSILE AND WATER ABSORPTION PROPERTIES OF SAGO-FILLED LINEAR LOW-DENSITY POLYETHYLENE (LLDPE). <i>Polymer-Plastics Technology and Engineering</i> , 2001 , 40, 249-263		28
189	Recent advances in activated carbon modification techniques for enhanced heavy metal adsorption. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102221	6.7	27
188	Dynamic Mechanical Properties of Activated Carbon Filled Epoxy Nanocomposites. <i>International Journal of Polymer Analysis and Characterization</i> , 2013 , 18, 247-256	1.7	26
187	Properties enhancement using oil palm shell nanoparticles of fibers reinforced polyester hybrid composites. <i>Advanced Composite Materials</i> , 2017 , 26, 259-272	2.8	25
186	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,	4.5	25
185	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,	4.5	24
184	Hybrid composites of oil palm empty fruit bunches/woven jute fiber: chemical resistance, physical, and impact properties. <i>Journal of Composite Materials</i> , 2011 , 45, 2515-2522	2.7	24
183	Carbon dioxide plasma treated PVDF electrospun membrane for the removal of crystal violet dyes and iron oxide nanoparticles from water. <i>Nano Structures Nano Objects</i> , 2019 , 18, 100268	5.6	23
182	The use of bamboo fibres as reinforcements in composites 2015 , 488-524		23
181	Biomacromolecule immobilization: grafting of fish-scale collagen peptides onto aminolyzed P(3HB-co-4HB) scaffolds as a potential wound dressing. <i>Biomedical Materials (Bristol)</i> , 2016 , 11, 055009	3.5	23
180	A Review on Quality Enhancement of Oil Palm Trunk Waste by Resin Impregnation: Future Materials. <i>BioResources</i> , 2013 , 8,	1.3	23
179	Isolation and Characterization of Cellulose Nanofibers from <i>Gigantochloa scortechinii</i> as a Reinforcement Material. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-8	3.2	23
178	Enhanced performance of lightweight kenaf-based hierarchical composite laminates with embedded carbon nanotubes. <i>Materials and Design</i> , 2019 , 171, 107710	8.1	22
177	Tensile, Electrical Conductivity, and Morphological Properties of Carbon Black Filled Epoxy Composites. <i>International Journal of Polymer Analysis and Characterization</i> , 2013 , 18, 329-338	1.7	22
176	Microencapsulation of Fish Oil Using Hydroxypropyl Methylcellulose As a Carrier Material by Spray Drying. <i>Journal of Food Processing and Preservation</i> , 2016 , 40, 140-153	2.1	22
175	Incorporation of coconut shell based nanoparticles in kenaf/coconut fibres reinforced vinyl ester composites. <i>Materials Research Express</i> , 2017 , 4, 035020	1.7	21

174	Properties and Characterization of a PLA-Chitin-Starch Biodegradable Polymer Composite. <i>Polymers</i> , 2019 , 11,	4.5	21
173	An Approach to Using Agricultural Waste Fibres in Biocomposites Application: Thermogravimetric Analysis and Activation Energy Study. <i>BioResources</i> , 2013 , 9,	1.3	21
172	Recycled Polypropylene-Oil Palm Biomass: The Effect on Mechanical and Physical Properties. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 1117-1130	2.9	21
171	Mechanical and thermal properties of chemical treated kenaf fibres reinforced polyester composites. <i>Journal of Composite Materials</i> , 2013 , 47, 3343-3350	2.7	20
170	Preparation and Fundamental Characterization of Cellulose Nanocrystal from Oil Palm Fronds Biomass. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 692-700	4.5	20
169	Empty Fruit Bunches as a Reinforcement in Laminated Bio-composites. <i>Journal of Composite Materials</i> , 2011 , 45, 219-236	2.7	20
168	Exploring chemical analysis of vermicompost of various oil palm fibre wastes. <i>The Environmentalist</i> , 2010 , 30, 273-278		20
167	Effect of weathering on physical, mechanical and morphological properties of chemically modified wood materials. <i>Materials & Design</i> , 2010 , 31, 4363-4368		20
166	Exploiting microbial biomass in treating azo dyes contaminated wastewater: Mechanism of degradation and factors affecting microbial efficiency. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102255	6.7	20
165	Plasticizer Enhancement on the Miscibility and Thermomechanical Properties of Polylactic Acid-Chitin-Starch Composites. <i>Polymers</i> , 2020 , 12,	4.5	19
164	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	1.8	18
163	Flame retardancy, Thermal and mechanical properties of Kenaf fiber reinforced Unsaturated polyester/Phenolic composite. <i>Fibers and Polymers</i> , 2016 , 17, 902-909	2	18
162	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	1.7	18
161	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	2.9	17
160	BI-LAYER HYBRID BIOCOMPOSITES: CHEMICAL RESISTANT AND PHYSICAL PROPERTIES. <i>BioResources</i> , 2012 , 7,	1.3	16
159	Oil Palm Empty Fruit Bunches (OPEFB) Reinforced in New Unsaturated Polyester Composites. <i>Journal of Reinforced Plastics and Composites</i> , 2008 , 27, 1817-1826	2.9	16
158	Insights into the Role of Biopolymer Aerogel Scaffolds in Tissue Engineering and Regenerative Medicine. <i>Polymers</i> , 2021 , 13,	4.5	16
157	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,	1.3	16

156	Flexible papers derived from polypyrrole deposited cellulose nanofibers for enhanced electromagnetic interference shielding in gigahertz frequencies. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50262	2.9	16
155	Cellulose Reinforced Biodegradable Polymer Composite Film for Packaging Applications 2018 , 49-69		16
154	Characterization and Performance Evaluation of Cellulose Acetate-Polyurethane Film for Lead II Ion Removal. <i>Polymers</i> , 2020 , 12,	4.5	15
153	Oil Palm Shell Nanofiller in Seaweed-based Composite Film: Mechanical, Physical, and Morphological Properties. <i>BioResources</i> , 2017 , 12,	1.3	15
152	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		15
151	Curing and thermal properties of co-polymerized tannin phenol-formaldehyde resin for bonding wood veneers. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 6994-7001	5.5	14
150	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,	4.5	14
149	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	2.5	14
148	Nonwood-Based Composites. <i>Current Forestry Reports</i> , 2015 , 1, 221-238	8	14
147	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	2.9	14
146	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	2	14
145	An experimental and finite element analysis of the static deformation of natural fiber-reinforced composite beam. <i>Polymer Testing</i> , 2003 , 22, 169-177	4.5	14
144	Nanocellulose-Based Membranes for Water Purification 2019 , 59-85		14
143	Enhancement of Oil Palm Waste Nanoparticles on the Properties and Characterization of Hybrid Plywood Biocomposites. <i>Polymers</i> , 2020 , 12,	4.5	13
142	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,	3.5	13
141	EVALUATION OF ANTITERMITIC ACTIVITY OF DIFFERENT EXTRACTS OBTAINED FROM INDONESIAN TEAKWOOD (<i>Tectona grandis</i> L.f). <i>BioResources</i> , 2012 , 7,	1.3	13
140	Impact Properties of Natural Fiber Hybrid Reinforced Epoxy Composites. <i>Advanced Materials Research</i> , 2011 , 264-265, 688-693	0.5	13
139	PREPARATION AND PROPERTIES OF OIL PALM FROND COMPOSITE BASED ON METHACRYLIC SILANE AND GLYCIDYL METHACRYLATE. <i>European Polymer Journal</i> , 1997 , 33, 225-230	5.2	13

138	Investigation of Rheological Behavior of Low Pressure Injection Molded Stainless Steel Feedstocks. <i>Advances in Materials Science and Engineering</i> , 2016 , 2016, 1-9	1.5	13
137	The Role of Bamboo Nanoparticles in Kenaf Fiber Reinforced Unsaturated Polyester Composites. <i>Journal of Renewable Materials</i> , 2018 , 6, 75-86	2.4	13
136	Graphene oxide nanocomposites based room temperature gas sensors: A review. <i>Chemosphere</i> , 2021 , 280, 130641	8.4	13
135	Exploring Material Properties of Vinyl Ester Biocomposites Filled Carbonized Jatropha Seed Shell. <i>BioResources</i> , 2014 , 9,	1.3	12
134	Development and characterization of novel modified red mud nanocomposites based on poly(hydroxy ether) of bisphenol A. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 515-522	2.9	12
133	Functional Properties and Molecular Degradation of Schizostachyum Brachycladum Bamboo Cellulose Nanofibre in PLA-Chitosan Bionanocomposites. <i>Molecules</i> , 2021 , 26,	4.8	12
132	The Role of Biopolymer-Based Materials in Obstetrics and Gynecology Applications: A Review. <i>Polymers</i> , 2021 , 13,	4.5	12
131	Isolation of Textile Waste Cellulose Nanofibrillated Fibre Reinforced in Polylactic Acid-Chitin Biodegradable Composite for Green Packaging Application. <i>Polymers</i> , 2021 , 13,	4.5	12
130	Waterless sterilization of oil palm fruitlets using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017 , 126, 65-71	4.2	11
129	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	9.3	11
128	Extracted Compounds from Neem Leaves as Antimicrobial Agent on the Physico-Chemical Properties of Seaweed-Based Biopolymer Films. <i>Polymers</i> , 2020 , 12,	4.5	11
127	The Role of Two-Step Blending in the Properties of Starch/Chitin/Polylactic Acid Biodegradable Composites for Biomedical Applications. <i>Polymers</i> , 2020 , 12,	4.5	11
126	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	2.6	11
125	Preparation of activated carbon filled epoxy nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 113, 623-631	4.1	11
124	Cellulosic Nanocomposites from Natural Fibers for Medical Applications: A Review 2015 , 475-511		11
123	Effect of Anhydride Modification on the Thermal Stability of Cultivated Acacia mangium. <i>Journal of Wood Chemistry and Technology</i> , 2011 , 31, 154-171	2	11
122	Hybridized Biocomposites from Agro-Wastes: Mechanical, Physical and Thermal Characterization. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 49-58	4.5	11
121	Development and Material Properties of Chitosan and Phosphomolybdic Acid-based Composites. <i>Journal of Composite Materials</i> , 2011 , 45, 39-49	2.7	11

120	Wood Filler-recycled Polypropylene (WF-RPP) Composite Pallet: Study of Fastening Method. <i>Journal of Reinforced Plastics and Composites</i> , 2008 , 27, 1723-1731	2.9	11
119	Hybrid Thermoplastic Pre-preg Oil Palm Frond Fibers (OPF) Reinforced in Polyester Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2007 , 46, 43-50		11
118	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	1.4	11
117	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	2.1	11
116	Treatment of Palm Oil Refinery Effluent Using Tannin as a Polymeric Coagulant: Isotherm, Kinetics, and Thermodynamics Analyses. <i>Polymers</i> , 2020 , 12,	4.5	10
115	Properties of Macroalgae Biopolymer Films Reinforcement with Polysaccharide Microfibre. <i>Polymers</i> , 2020 , 12,	4.5	10
114	Designing of Collagen Based Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Scaffolds for Tissue Engineering. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-10	2.4	10
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