Azman bin Hassan

List of Publications by Year
in descending order

217 papers	9,102 citations	41627 51 h-index	60403 85 g-index
221 all docs	221 docs citations	221 times ranked	8499 citing authors

#	Article	IF	Citations
1	Effect of Curing Temperature on Mechanical Properties of Bio-phenolic/Epoxy Polymer Blends. Journal of Polymers and the Environment, 2022, 30, 878-885.	2.4	11
2	Synergistic effects of hybrid nanofillers on graphene oxide reinforced epoxy coating on corrosion resistance and fire retardancy. Journal of Applied Polymer Science, 2022, 139, 51640.	1.3	9
3	Mechanical properties of rice husk and rice husk ash filled maleated polymers compatibilized polypropylene composites. Journal of Applied Polymer Science, 2022, 139, 51702.	1.3	6
4	Comparison of mechanical properties and thermal stability of grapheneâ€based materials and halloysite nanotubes reinforced maleated polymer compatibilized polypropylene nanocomposites. Polymer Composites, 2022, 43, 1852-1863.	2.3	15
5	Use of synthetic wollastonite nanofibers in enhancing mechanical, thermal, and flammability properties of polyoxymethylene nanocomposites. Polymer Composites, 2022, 43, 7845-7858.	2.3	2
6	Thermal and flammability properties of wollastonite-filled thermoplastic composites: a review. Journal of Materials Science, 2021, 56, 8911-8950.	1.7	18
7	Kenaf fibers reinforced unsaturated polyester composites: A review. Journal of Engineered Fibers and Fabrics, 2021, 16, 155892502110401.	0.5	14
8	Polymerization of polyaniline under various concentrations of ammonium peroxydisulfate and hydrochloric acid by ultrasonic irradiation. Journal of Applied Polymer Science, 2021, 138, 50637.	1.3	16
9	Mechanical and Morphological Properties of Bio-Phenolic/Epoxy Polymer Blends. Molecules, 2021, 26, 773.	1.7	8
10	Exploring the Effects of Fermented Chitin Nanowhiskers on Tensile and Thermal Properties of Poly(ethylene glycol) modified Polylactic Acid Nanocomposites. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 154-165.	0.4	1
11	Effect of Nanofillers on Tribological Properties of Polymer Nanocomposites: A Review on Recent Development. Polymers, 2021, 13, 2867.	2.0	77
12	The Effect of Graphene Oxide and SEBS-g-MAH Compatibilizer on Mechanical and Thermal Properties of Acrylonitrile-Butadiene-Styrene/Talc Composite. Polymers, 2021, 13, 3180.	2.0	6
13	Electrical, thermal and flammability properties of conductive filler kenafâ€“reinforced polymer nanocomposites. Journal of Thermoplastic Composite Materials, 2020, 33, 516-540.	2.6	74
14	Mechanical properties of wollastonite reinforced thermoplastic composites: A review. Polymer Composites, 2020, 41, 395-429.	2.3	51
15	Recently Emerging Nanotechnological Advancements in Polymer Nanocomposite Coatings for Anti-corrosion, Anti-fouling and Self-healing. Surfaces and Interfaces, 2020, 21, 100734.	1.5	86
16	Green hydrothermal synthesis of high aspect ratio wollastonite nanofibers: Effects of reaction medium, temperature and time. Ceramics International, 2020, 46, 22624-22634.	2.3	12
17	EFFECT OF CHITIN SOURCE AND CONTENT ON PROPERTIES OF CHITIN NANOWHISKERS FILLED POLYLACTIC ACID COMPOSITES. IIUM Engineering Journal, 2020, 21, 239-255.	0.5	6
18	THERMAL, DYNAMIC MECHANICAL ANALYSIS AND MECHANICAL PROPERTIES OF POLYBUTYLENE TEREPHTHALATE/POLYETHYLENE TEREPHTHALATE BLENDS. Jurnal Teknologi (Sciences and Engineering), 2020, 82, .	0.3	3

#	Article	IF	Citations
19	Mechanical and Thermal Properties of Montmorillonite-Reinforced Polypropylene/Rice Husk Hybrid Nanocomposites. Polymers, 2019, 11, 1557.	2.0	28
20	Effect of coreâ€“shell rubber toughening on mechanical, thermal, and morphological properties of poly(lactic acid)/multiwalled carbon nanotubes nanocomposites. Journal of Applied Polymer Science, 2019, 136, 47756.	1.3	14
21	Current developments in chemical recycling of post-consumer polyethylene terephthalate wastes for new materials production: AÂreview. Journal of Cleaner Production, 2019, 225, 1052-1064.	4.6	262
22	Fillers and Reinforcements for Advanced Nanocomposites. , 2019, , 29-48.		3
23	Recently emerging trends in polymer nanocomposites packaging materials. Polymer-Plastics Technology and Materials, 2019, 58, 1054-1109.	0.6	65
24	Recently emerging advancements in halloysite nanotubes polymer nanocomposites. Composite Interfaces, 2019, 26, 751-824.	1.3	99
25	Effect of graphene nanoplatelets on flame retardancy and corrosion resistance of epoxy nanocomposite coating. Malaysian Journal of Fundamental and Applied Sciences, 2019, 15, 543-547.	0.4	5
26	Influence of different surface treatment techniques on properties of rice husk incorporated polymer composites. Reviews in Chemical Engineering, 2019, .	2.3	5
27	Effects of halloysite nanotubes on the mechanical, thermal, and flammability properties of PPâ€gâ€MAH compatibilized polyethylene terephthalate/polypropylene nanocomposites. Polymer Composites, 2018, 39, E1554.	2.3	14
28	LDPE/RH/MAPE/MMT Nanocomposite Films for Packaging Applications. , 2018, , 209-225.		5
29	Preliminary Study on Tensile and Impact Properties of Kenaf/Bamboo Fiber Reinforced Epoxy Composites. Journal of Renewable Materials, 2018, , .	1.1	6
30	Enhanced Flexibility of Biodegradable Polylactic Acid/Starch Blends Using Epoxidized Palm Oil as Plasticizer. Polymers, 2018, 10, 977.	2.0	47
31	Synergistic effect of exfoliated graphene nanoplatelets and non-halogen flame retardants on flame retardancy and thermal properties of kenaf flour-PP nanocomposites. Journal of Thermal Analysis and Calorimetry, 2018, 134, 1681-1703.	2.0	85
32	The Effect of Titanate Coupling Agent on Water Absorption and Mechanical Properties of Rice Husk Filled Poly(vinyl Chloride) Composites. , 2018, , 197-210.		6
33	Enhanced Flame Retardancy, Thermal and Mechanical Properties of Hybrid Magnesium Hydroxide/Montmorillonite Reinforced Polyamide 6/Polypropylene Nanocomposites. Fibers and Polymers, 2018, 19, 914-926.	1.1	20
34	Mechanical and flammability properties of poly(lactic acid)/poly(butylene adipate-co-terephthalate) blends and nanocomposites: Effects of compatibilizer and graphene. Malaysian Journal of Fundamental and Applied Sciences, 2018, 14, 425-431.	0.4	13
35	Mechanical and Oxygen Barrier Properties of LDPE/MMT/MAPE and LDPE/MMT/EVA Nanocomposite Films: A Comparison Study. Journal of Physical Science, 2018, 29, 43-58.	0.5	16
36	Materials for food packaging applications based on bio-based polymer nanocomposites. Journal of Thermoplastic Composite Materials, 2017, 30, 143-173.	2.6	123

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37	Effect of Ammonium Polyphosphate on Flame Retardancy, Thermal Stability, and Mechanical Properties of Unsaturated Polyester/Phenolic/Montmorillonite Nanocomposites. Advances in Polymer Technology, 2017, 36, 278-283.	0.8	14
38	Mechanical properties and morphology of polypropylene/poly(acrylonitrileâ€“butadieneâ€“styrene) nanocomposites. Journal of Elastomers and Plastics, 2017, 49, 209-225.	0.7	13
39	Interface modification of compatibilized polyethylene terephthalate/polypropylene blends: Effect of compatibilization on thermomechanical properties and thermal stability. Journal of Vinyl and Additive Technology, 2017, 23, 45-54.	1.8	18
40	Barrier, Biodegradation, and mechanical properties of (Rice husk)/(Montmorillonite) hybrid filler-filled low-density polyethylene nanocomposite films. Journal of Vinyl and Additive Technology, 2017, 23, 162-171.	1.8	15
41	Influence of exfoliated graphene nanoplatelets on flame retardancy of kenaf flour polypropylene hybrid nanocomposites. Journal of Analytical and Applied Pyrolysis, 2017, 123, 65-72.	2.6	102
42	Hibiscus Cannabinus Fiber/PP based Nano-Biocomposites Reinforced with Graphene Nanoplatelets. Journal of Natural Fibers, 2017, 14, 691-706.	1.7	95
43	Polylactic Acid Green Nanocomposites for Automotive Applications. Green Energy and Technology, 2017, , 193-208.	0.4	8
44	Effects of cellulose nanowhiskers preparation methods on the properties of hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. , 2017, , 111-136.		2
45	Effects of ammonium polyphosphate content on mechanical, thermal and flammability properties of kenaf/polypropylene and rice husk/polypropylene composites. Construction and Building Materials, 2017, 152, 484-493.	3.2	38
46	Effects of date palm leaf fiber on the thermal and tensile properties of recycled ternary polyolefin blend composites. Fibers and Polymers, 2017, 18, 1330-1335.	1.1	36
47	Cellulose nanowhiskers from oil palm empty fruit bunch biomass as green fillers. , 2017, , 241-259.		3
48	Hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. , 2017, , 25-44.		4
49	Exploring the Potentials of Nanocellulose Whiskers Derived from Oil Palm Empty Fruit Bunch on the Development of Polylactid Acid Based Green Nanocomposites. Polymers and Polymer Composites, 2016, 24, 729-734.	1.0	4
50	Microcrystalline Cellulose from Oil Palm Empty Fruit Bunches as Filler in Polylactic Acid. Polymers and Polymer Composites, 2016, 24, 675-680.	1.0	13
51	Biodegradability and Thermal Properties of Hybrid Montmorillonite/Microcrystalline Cellulose Filled Polylactic Acid Composites: Effect of Filler Ratio. Polymers and Polymer Composites, 2016, 24, 741-746.	1.0	6
52	Accelerated weathering properties of compatibilized composites made from recycled <scp>HDPE</scp> and nonmetallic printed circuit board waste. Journal of Applied Polymer Science, 2016, 133, .	1.3	15
53	Viscoelastic behavior and mechanical properties of polypropylene/nano-calcium carbonate nanocomposites modified by a coupling agent. Macromolecular Research, 2016, , 1.	1.0	2
54	Recently emerging trends in thermal conductivity of polymer nanocomposites. Reviews in Chemical Engineering, 2016, 32, .	2.3	76

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55	Effects of Micro- and Nano-cellulose on Tensile and Morphological Properties of Montmorillonite Nanoclay Reinforced Polylactic Acid Nanocomposites. Engineering Materials, 2016, , 103-125.	0.3	6
56	Mechanical and Thermal Properties of Hybrid Graphene/Halloysite Nanotubes Reinforced Polyethylene Terepthalate Nanocomposites. Engineering Materials, 2016, , 309-327.	0.3	2
57	Influence of rubber content on mechanical, thermal, and morphological behavior of natural rubber toughened poly(lactic acid)â€“multiwalled carbon nanotube nanocomposites. Journal of Applied Polymer Science, 2016, 133, .	1.3	24
58	Flame retardancy, Thermal and mechanical properties of Kenaf fiber reinforced Unsaturated polyester/Phenolic composite. Fibers and Polymers, 2016, 17, 902-909.	1.1	29
59	Enhanced mechanical and thermal properties of hybrid graphene nanoplatelets/multiwall carbon nanotubes reinforced polyethylene terephthalate nanocomposites. Fibers and Polymers, 2016, 17, 1657-1666.	1.1	38
60	Experimental analysis and theoretical modeling of the mechanical behavior of short glass fiber and short carbon fiber reinforced polycarbonate hybrid composites. Polymer Composites, 2016, 37, 1238-1248.	2.3	26
61	Mechanical, thermal, and morphological properties of graphene reinforced polycarbonate/acrylonitrile butadiene styrene nanocomposites. Polymer Composites, 2016, 37, 1633-1640.	2.3	49
62	Effect of montmorillonite (MMT) content on the mechanical, oxygen barrier, and thermal properties of rice husk/MMT hybrid filler-filled low-density polyethylene nanocomposite blown films. Journal of Thermoplastic Composite Materials, 2016, 29, 1003-1019.	2.6	30
63	Emerging trends in graphene carbon based polymer nanocomposites and applications. Reviews in Chemical Engineering, 2016, 32, .	2.3	71
64	Characterization and preparation of conductive exfoliated graphene nanoplatelets kenaf fibre hybrid polypropylene composites. Synthetic Metals, 2016, 212, 91-104.	2.1	114
65	Effect of hydrolysed cellulose nanowhiskers on properties of montmorillonite/polylactic acid nanocomposites. International Journal of Biological Macromolecules, 2016, 82, 998-1010.	3.6	44
66	Heat distortion temperature and mechanical properties of agricultural wastes-reinforced phenolic composites. Journal of Polymer Engineering, 2016, 36, 641-647.	0.6	2
67	Emerging trends in eco-compliant, synergistic, and hybrid assembling of multifunctional polymeric bionanocomposites. Reviews in Chemical Engineering, 2016, .	2.3	10
68	Mechanical and thermal properties of organosolv lignin/sodium dodecyl sulphate binary agent-treated polypropylene/chitosan composites. Polymer Bulletin, 2016, 73, 1427-1445.	1.7	9
69	Effect of exfoliated graphite nanoplatelets on thermal and heat deflection properties of kenaf polypropylene hybrid nanocomposites. Journal of Polymer Engineering, 2016, 36, 877-889.	0.6	79
70	Emerging trends in flame retardancy of biofibers, biopolymers, biocomposites, and bionanocomposites. Reviews in Chemical Engineering, 2016, 32, .	2.3	36
71	Exploring the effect of cellulose nanowhiskers isolated from oil palm biomass on polylactic acid properties. International Journal of Biological Macromolecules, 2016, 85, 370-378.	3.6	63
72	Recent advances in epoxy resin, natural fiber-reinforced epoxy composites and their applications. Journal of Reinforced Plastics and Composites, 2016, 35, 447-470.	1.6	294

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73	Mechanical and thermal properties of SEBSâ€‹i>g</i>â€MA compatibilized halloysite nanotubes reinforced polyethylene terephthalate/polycarbonate/nanocomposites. Journal of Applied Polymer Science, 2015, 132, .	1.3	33
74	Rice Husk Filled Polymer Composites. International Journal of Polymer Science, 2015, 2015, 1-32.	1.2	116
75	Optimization of high pressure homogenization parameters for the isolation of cellulosic nanofibers using response surface methodology. Industrial Crops and Products, 2015, 74, 381-387.	2.5	76
76	Enhanced ductility and tensile properties of hybrid montmorillonite/cellulose nanowhiskers reinforced polylactic acid nanocomposites. Journal of Materials Science, 2015, 50, 3118-3130.	1.7	63
77	Polylactic acid/polycaprolactone nanocomposite. Journal of Elastomers and Plastics, 2015, 47, 69-87.	0.7	34
78	Effect of zinc borate on mechanical and dielectric properties of metallocene linear low-density polyethylene/rubbers/magnesium oxide composite for wire and cable applications. Iranian Polymer Journal (English Edition), 2015, 24, 279-288.	1.3	10
79	Properties of ethyleneâ€“vinyl acetate filled with metal hydroxide. Journal of Elastomers and Plastics, 2015, 47, 88-100.	0.7	19
80	Partial replacement effect of montmorillonite with cellulose nanowhiskers on polylactic acid nanocomposites. International Journal of Biological Macromolecules, 2015, 81, 91-99.	3.6	30
81	Flammability and thermal properties of polycarbonate /acrylonitrile-butadiene-styrene nanocomposites reinforced with multilayer graphene. Polymer Degradation and Stability, 2015, 120, 88-97.	2.7	56
82	Use of epoxidized natural rubber as a toughening agent in plastics. Journal of Applied Polymer Science, 2015, 132, .	1.3	30
83	Effects of ENR and OMMT on barrier and tensile properties of LDPE nanocomposite film. Iranian Polymer Journal (English Edition), 2015, 24, 367-378.	1.3	11
84	A review of recent developments in flammability of polymer nanocomposites. Reviews in Chemical Engineering, 2015, 31, .	2.3	108
85	Bionanocomposite based on cellulose nanowhisker from oil palm biomass-filled poly(lactic acid). Polymer Testing, 2015, 48, 133-139.	2.3	32
86	Cellulose Nanowhiskers Reinforced Green Nanocomposites: Some Recent Development. Advanced Materials Research, 2015, 1125, 217-221.	0.3	0
87	Effect of microcrystalline cellulose on biodegradability, tensile and morphological properties of montmorillonite reinforced polylactic acid nanocomposites. Fibers and Polymers, 2015, 16, 2284-2293.	1.1	18
88	PLA/Kenaf/APP Biocomposites: Effect of Alkali Treatment and Ammonium Polyphosphate (APP) on Dynamic Mechanical and Morphological Properties. Polymer-Plastics Technology and Engineering, 2014, 53, 760-766.	1.9	18
89	Electron Beam Irradiation of LDPE Filled with Calcium Carbonate and Metal Hydroxides. Polymer-Plastics Technology and Engineering, 2014, 53, 1362-1366.	1.9	15
90	The Effect of Addition EVA and LDPE-g-MAH on Irradiated LDPE Filled with Metal Hydroxides. Polymer-Plastics Technology and Engineering, 2014, 53, 775-783.	1.9	7

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91	Epoxidized natural rubber toughened polyamide 6/organically modified montmorillonite nanocomposites. Journal of Thermoplastic Composite Materials, 2014, 27, 395-412.	2.6	7
92	Epoxidized natural rubber-50 toughened polyamide 6 nanocomposites. Journal of Elastomers and Plastics, 2014, 46, 269-283.	0.7	8
93	Mechanical Properties of Polylactic Acid/Treated Fermented Chitin Nanowhiskers Biocomposites. Applied Mechanics and Materials, 2014, 606, 89-92.	0.2	2
94	Effect of reaction conditions on the thermal stability of polystyrene grafted oil palm empty fruit bunch (OPEFB) fiber. Journal of Polymer Engineering, 2014, 34, 185-191.	0.6	1
95	Characterization and mechanical properties of exfoliated graphite nanoplatelets reinforced polyethylene terephthalate/polypropylene composites. Journal of Applied Polymer Science, 2014, 131, .	1.3	37
96	Mechanical and thermal properties of exfoliated graphite nanoplatelets reinforced polyethylene terephthalate/polypropylene composites. Polymer Composites, 2014, 35, 2029-2035.	2.3	53
97	Effects of irradiation on the mechanical, electrical, and flammability properties of (lowâ€density) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Vinyl and Additive Technology, 2014, 20, 91-98.	1.8	17
98	The chemical modification of tropical wood polymer composites. Journal of Composite Materials, 2014, 48, 783-789.	1.2	25
99	Mechanical properties of poly(lactic acid)/multiwalled carbon nanotubes nanocomposites. Materials Research Innovations, 2014, 18, S6-14-S6-17.	1.0	24
100	Effect of PVA-co-MMA Copolymer on the Physical, Mechanical, and Thermal Properties of Tropical Wood Materials. Advances in Materials Science and Engineering, 2014, 2014, 1-8.	1.0	7
101	Electrical and flammability properties of alumina trihydrate filled polypropylene/ethylene propylene diene monomer composites as insulators in cable applications. Polymer Engineering and Science, 2014, 54, 493-498.	1.5	10
102	Effect of ammonium polyphosphate on flame retardancy, thermal stability and mechanical properties of alkali treated kenaf fiber filled PLA biocomposites. Materials & Design, 2014, 54, 425-429.	5.1	179
103	Isolation and characterization of cellulose nanowhiskers from oil palm biomass microcrystalline cellulose. Carbohydrate Polymers, 2014, 103, 119-125.	5.1	245
104	Impact of succinic anhydride on the properties of jute fiber/polypropylene biocomposites. Fibers and Polymers, 2014, 15, 307-314.	1.1	30
105	Effects of zinc borate loading on thermal stability, flammability, crystallization properties of magnesium oxide/(90/10) mLLDPE/(NR/ENR-50) blends. Iranian Polymer Journal (English Edition), 2014, 23, 277-287.	1.3	16
106	Investigation of enhancing effect of nano-montmorillonite on fire-retardant added low-density polyethyleneâ€“ethylene vinyl acetate hybrid system. Journal of Thermoplastic Composite Materials, 2014, 27, 1515-1529.	2.6	10
107	Interactions of montmorillonite and electron beam irradiation in enhancing the properties of alumina trihydrateâ€“added polyethylene and ethylene vinyl acetate blends. Journal of Composite Materials, 2014, 48, 1155-1171.	1.2	11
108	Dispersion and roles of montmorillonite on structural, flammability, thermal and mechanical behaviours of electron beam irradiated flame retarded nanocomposite. Composites Part B: Engineering, 2014, 61, 41-48.	5.9	52

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109	The effect of organoclay contents on morphological characterization, mechanical and thermal properties of epoxidized natural rubber-50 toughened polyamide 6 nanocomposites. Journal of Polymer Engineering, 2014, 34, 59-68.	0.6	8
110	Encapsulation of nonmetallic fractions recovered from printed circuit boards waste with thermoplastic. Journal of the Air and Waste Management Association, 2014, 64, 1085-1092.	0.9	15
111	Epoxidized natural rubber toughened polylactic acid/talc composites: Mechanical, thermal, and morphological properties. Journal of Composite Materials, 2014, 48, 769-781.	1.2	36
112	Influence of maleic anhydride-grafted polyethylene compatibiliser on the tensile, oxygen barrier and thermal properties of rice husk and nanoclay-filled low-density polyethylene composite films. Journal of Plastic Film and Sheeting, 2014, 30, 120-140.	1.3	28
113	Mechanical and thermal properties of recycled poly(ethylene terephthalate) reinforced newspaper fiber composites. Fibers and Polymers, 2014, 15, 1531-1538.	1.1	27
114	Experimental investigations of skin-like material and computation of its material properties. International Journal of Precision Engineering and Manufacturing, 2014, 15, 1909-1914.	1.1	24
115	Epoxidized natural rubberâ€“toughened polypropylene/organically modified montmorillonite nanocomposites. Journal of Thermoplastic Composite Materials, 2014, 27, 233-250.	2.6	16
116	Effect of reinforcement and chemical treatment of fiber on The Properties of jute-coir fiber reinforced hybrid polypropylene composites. Fibers and Polymers, 2014, 15, 1023-1028.	1.1	101
117	Influence of exfoliated graphite nanoplatelets on the flammability and thermal properties of polyethylene terephthalate/polypropylene nanocomposites. Polymer Degradation and Stability, 2014, 110, 137-148.	2.7	55
118	Preparation of activated carbon filled epoxy nanocomposites. Journal of Thermal Analysis and Calorimetry, 2013, 113, 623-631.	2.0	13
119	Mechanical and thermal properties of date palm leaf fiber reinforced recycled poly (ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.1	103
120	Effects of compatibilizers on mechanical properties of PET/PP blend. Composite Interfaces, 2013, 20, 507-515.	1.3	38
121	Dielectric properties and microwave heating of oil palm biomass and biochar. Industrial Crops and Products, 2013, 50, 366-374.	2.5	128
122	Electron-beam irradiation of low density polyethylene/ethylene vinyl acetate blends. Journal of Polymer Engineering, 2013, 33, 149-161.	0.6	16
123	Mechanical and thermal properties of chemical treated kenaf fibres reinforced polyester composites. Journal of Composite Materials, 2013, 47, 3343-3350.	1.2	25
124	Improvement of physico-mechanical properties of coir-polypropylene biocomposites by fiber chemical treatment. Materials & Design, 2013, 52, 251-257.	5.1	106
125	Effect of jute fibre loading on the mechanical and thermal properties of oil palmâ€“epoxy composites. Journal of Composite Materials, 2013, 47, 1633-1641.	1.2	57
126	Mechanical, thermal, morphological and leaching properties of nonmetallic printed circuit board waste in recycled HDPE composites. Journal of Cleaner Production, 2013, 57, 327-334.	4.6	37

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127	Mechanical Properties of Mica-Filled Polycarbonate/Poly(Acrylonitrile-Butadiene-Styrene) Composites. Polymer-Plastics Technology and Engineering, 2013, 52, 727-736.	1.9	28
128	Flame Retardancy and Kinetic Behavior of Ammonium Polyphosphateâ€“Treated Unsaturated Polyester/Phenolic Interpenetrating Polymer Network. International Journal of Polymer Analysis and Characterization, 2013, 18, 137-145.	0.9	11
129	Natural fiber reinforced poly(vinyl chloride) composites: A review. Journal of Reinforced Plastics and Composites, 2013, 32, 330-356.	1.6	78
130	Potential materials for food packaging from nanoclay/natural fibres filled hybrid composites. Materials & Design, 2013, 46, 391-410.	5.1	488
131	Manganese-, cobalt-, and zinc-based mixed-oxide spinels as novel catalysts for the chemical recycling of poly(ethylene terephthalate) via glycolysis. Polymer Degradation and Stability, 2013, 98, 904-915.	2.7	190
132	Physicochemical characterization of cellulose nanowhiskers extracted from oil palm biomass microcrystalline cellulose. Materials Letters, 2013, 113, 87-89.	1.3	40
133	Polylactic Acid Based Blends, Composites and Nanocomposites. Advanced Structured Materials, 2013, , 361-396.	0.3	20
134	Investigation of nano-size montmorillonite on electron beam irradiated flame retardant polyethylene and ethylene vinyl acetate blends. Nuclear Instruments & Methods in Physics Research B, 2013, 299, 42-50.	0.6	44
135	Properties of polylactic acid composites reinforced with oil palm biomass microcrystalline cellulose. Carbohydrate Polymers, 2013, 98, 139-145.	5.1	224
136	Isolation and characterization of microcrystalline cellulose from oil palm biomass residue. Carbohydrate Polymers, 2013, 93, 628-634.	5.1	335
137	Effect of jute fibre loading on tensile and dynamic mechanical properties of oil palm epoxy composites. Composites Part B: Engineering, 2013, 45, 619-624.	5.9	376
138	Physical and mechanical properties of jute, bamboo and coir natural fiber. Fibers and Polymers, 2013, 14, 1762-1767.	1.1	84
139	The effects of magnesium oxide on the thermal, morphological, and crystallinity properties of metallocene linear low-density polyethylene/rubbers composite. Journal of Polymer Engineering, 2013, 33, 229-238.	0.6	4
140	Flammability and Thermal Characterization of Aluminum Hydroxide Filled with LDPE. International Polymer Processing, 2013, 28, 393-397.	0.3	11
141	The Effect of TMPTMA Addition on Electron-beam Irradiated LDPE, EVA and Blend Properties. International Polymer Processing, 2013, 28, 386-392.	0.3	19
142	Physical and thermal properties of microwave-dried wood lumber impregnated with phenol formaldehyde resin. Journal of Composite Materials, 2013, 47, 3565-3571.	1.2	11
143	Effect of Coupling Agent on Mechanical and Thermal Behaviour of Oil Palm/Jute Hybrid Composites. Advanced Materials Research, 2013, 686, 125-129.	0.3	0
144	Effect of zinc borate on flammability/thermal properties of ethylene vinyl acetate filled with metal hydroxides. Journal of Reinforced Plastics and Composites, 2013, 32, 1122-1128.	1.6	24

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145	Effects of calcium stearate and metal hydroxide additions on the irradiated LDPE/EVA compound properties. Journal of Polymer Engineering, 2013, 33, 651-657.	0.6	4
146	Mechanical Properties and Morphological Characterization of PLA/Chitosan/Epoxidized Natural Rubber Composites. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.0	59
147	Flow Characteristics and Dynamic Behavior of Polyamide 6/Acrylonitile Butadiene Styrene (PA6/ABS) Blends. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 209-214.	1.8	8
148	Converting non-metallic printed circuit boards waste into a value added product. Journal of Environmental Health Science & Engineering, 2013, 11, 2.	1.4	15
149	Influence of MMT as reinforcement on rheological behavior, mechanical and morphological properties of recycled PET/ABS thermoplastic nanocomposites. Journal of Polymer Engineering, 2012, 32, .	0.6	6
150	Effect of poly (methyl methacrylate)-grafted-talc content on mechanical properties and thermal degradation of poly (vinyl chloride) composites. Journal of Polymer Engineering, 2012, 32, 275-282.	0.6	4
151	Mechanical and Thermal Properties of ABS/PVC Composites: Effect of Particles Size and Surface Treatment of Ground Calcium Carbonate. Polymer-Plastics Technology and Engineering, 2012, 51, 473-479.	1.9	21
152	Green composites based on recycled polyamide-6/recycled polypropylene kenaf composites: mechanical, thermal and morphological properties. Journal of Polymer Engineering, 2012, 32, 291-299.	0.6	13
153	Toughening of Polylactic Acid Nanocomposites: A Short Review. Polymer-Plastics Technology and Engineering, 2012, 51, 175-192.	1.9	97
154	Effects of montmorillonite on the electron beam irradiated alumina trihydrate added polyethylene and ethylene vinyl acetate nanocomposite. Polymer Composites, 2012, 33, 1883-1892.	2.3	36
155	Electron beam irradiation of low-density polyethylene filled with metal hydroxides for wire and cable applications. Polymer Bulletin, 2012, 69, 1103-1114.	1.7	10
156	Ethylene Copolymer Toughened Polylactic Acid Nanocomposites. Polymer-Plastics Technology and Engineering, 2012, 51, 19-27.	1.9	27
157	Electron beam irradiation of low density polyethylene/ethylene vinyl acetate filled with metal hydroxides for wire and cable applications. Polymer Degradation and Stability, 2012, 97, 1432-1437.	2.7	44
158	On the use of magnesium hydroxide towards halogen-free flame-retarded polyamide-6/polypropylene blends. Polymer Degradation and Stability, 2012, 97, 1447-1457.	2.7	72
159	EFFECT OF DEGREE OF DEACETYLATION OF CHITOSAN ON THERMAL STABILITY AND COMPATIBILITY OF CHITOSAN-POLYAMIDE BLEND. BioResources, 2012, 7, .	0.5	59
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