

Nik Noriman Zulkepli

List of Publications by Year in descending order

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224
papers

1,782
citations

346980

22
h-index

371746

37
g-index

225
all docs

225
docs citations

225
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of the past and recent developments in functionalization of graphene derivatives for reinforcement of polypropylene nanocomposites. <i>Polymer Composites</i> , 2021, 42, 1075-1108.	2.3	15
2	The Effects of Stacking Sequence on Dynamic Mechanical Properties and Thermal Degradation of Kenaf/Jute Hybrid Composites. <i>Journal of Renewable Materials</i> , 2021, 9, 73-84.	1.1	9
3	Heritage Building Modelling: Photogrammetry Challenges in Producing an As Built Drawing (ABD) Using Unmanned Aerial System (UAS). <i>Journal of Robotics, Networking and Artificial Life</i> , 2021, 7, 227.	0.2	0
4	Insight on the structural aspect of ENR-50/TiO ₂ hybrid in KOH/C ₃ H ₈ O medium revealed by NMR spectroscopy. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2400-2413.	2.3	36
5	Roles of linear alkyl chain alkylation on reinforcement of graphene based polypropylene nanocomposites. <i>Materials Today Communications</i> , 2020, 22, 100775.	0.9	5
6	The effects of different bamboo filler loading on HDPE/BF composites and rHDPE/BF composites: Flexural and morphology. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
7	The challenges in conservation practices in Malaysia: A study in UNESCO heritage site, Georgetown, Penang, Malaysia. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
8	UV-visible performance of urea beads coated with banana peels bioplastic and epoxidized natural rubber. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
9	Preparation coated of urea beads from banana peel bioplastic and epoxidized natural rubber 50. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
10	The influences of soil burial assessment on linear low-density polyethylene/ <i>Cyperus odoratus</i> biocomposite. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
11	The effects of electron beam irradiation on LLDPE/CY biocomposites: Tensile and morphology properties. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
12	Studies on characteristic of glycerol-kenaf pellet via fluidization drying process toward energy produced. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	4
13	Robust interface on ENR-50/TiO ₂ nanohybrid material based sol-gel technique: Insights into synthesis, characterization and applications in optical. <i>Arabian Journal of Chemistry</i> , 2020, 13, 6568-6579.	2.3	18
14	The sustainability of recycled concrete as green material solution. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
15	Effects of sodium hydroxide treatment on date seeds reinforced LLDPE composites: FTIR and gel content analyses. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
16	Identification of timber material defect using VIA on selected traditional Malay house: Case study on Tuan Hj Hashim Itam (Kerani) historical house at Penang, Malaysia. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
17	Mechanical and physical properties of non-woven kenaf fibre mat reinforced polypropylene composites prepared by compression molding. , 2020, , .		0
18	Characterization and coagulation performance of poly ferric silicate sulfate from rice husk ash. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2

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19	Impact strength of LDPE/RH composites for industrial injection moulded parts. AIP Conference Proceedings, 2020, , .	0.3	2
20	Bioprotein optimization from spent mushroom substrate for fish feed application. AIP Conference Proceedings, 2020, , .	0.3	0
21	Surface modification of bamboo filler by acid treatment on flexural and morphology rHDPE/BF composites. AIP Conference Proceedings, 2020, , .	0.3	0
22	Flexural and morphology properties of rHDPE/BF composites: Effect of surface modification of bamboo filler by NaOH treatment. AIP Conference Proceedings, 2020, , .	0.3	1
23	Current method on spalling repair work in ages building. AIP Conference Proceedings, 2020, , .	0.3	0
24	The effects on different date seeds loading and size of LLDPE/Date seeds composites: Flexural properties and impact strength. AIP Conference Proceedings, 2020, , .	0.3	0
25	FTIR and gel content analyses of LLDPE/Date seeds composites. AIP Conference Proceedings, 2020, , .	0.3	0
26	Dielectric properties of Nephelium Lappaceum tropical wood. AIP Conference Proceedings, 2020, , .	0.3	0
27	Mechanical properties of rice husk (<i>Oryza sativa</i>) reinforced low density polyethylene composites for industrial injection moulded parts. , 2020, , .		0
28	The effects of ionic liquid (ILs) as additive on recycled high-density polyethylene reinforced bamboo filler composites. AIP Conference Proceedings, 2020, , .	0.3	1
29	Copper alloy reinforced by graphene by powder metallurgy technique. AIP Conference Proceedings, 2020, , .	0.3	4
30	The effectiveness of highway information modeling in Kuala Perlis - Changlun Roadway. AIP Conference Proceedings, 2020, , .	0.3	1
31	The influence of trans-polyoctylene rubber on the linear low-density polyethylene/acrylonitrile butadiene rubber/kenaf composites. AIP Conference Proceedings, 2020, , .	0.3	0
32	The study of monosodium glutamate application as a cross linker in tissue scaffold application. AIP Conference Proceedings, 2020, , .	0.3	0
33	Determination of moisture content on kenaf via fluidization systems. AIP Conference Proceedings, 2020, , .	0.3	2
34	Flexural properties of rice husk (<i>Oryza sativa</i>) reinforced low density polyethylene composites for industrial injection moulded parts. AIP Conference Proceedings, 2020, , .	0.3	2
35	Flexural and impact properties of rHDPE/BF composites in presence of ionic liquid (ILs). AIP Conference Proceedings, 2020, , .	0.3	1
36	The influence of alkali treatment on date seeds powder reinforced LLDPE composites: Flexural properties and impact strength. AIP Conference Proceedings, 2020, , .	0.3	0

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37	Application of coal bottom ash as raw material for concrete brick in housing construction. AIP Conference Proceedings, 2020, , .	0.3	0
38	Effect of chemical treatment on mechanical and physical properties of non-woven kenaf fiber mat reinforced polypropylene biocomposites. , 2020, , .		6
39	The effect of titanium dioxide to enhance physical properties of coconut shell reinforced unsaturated polyester composites. AIP Conference Proceedings, 2020, , .	0.3	0
40	Investigation on the flexural properties of nanofillers loading on the Jute/Carbon/PLA nanocomposites. Journal of Mechanical Engineering and Sciences, 2020, 14, 7424-7433.	0.3	2
41	Sawdust Short Fiber Reinforced Epoxidized Natural Rubber: Insight on Its Mechanical, Physical, and Thermal Aspects. Journal of Renewable Materials, 2020, 8, 1633-1645.	1.1	8
42	Physical properties of plasticized PLA/HNTs bionanocomposites: effects of plasticizer type and content. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012067.	0.3	7
43	Tensile Properties and Impact Strength of RHDPE/BF Composites: The Effects of Chemical Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012041.	0.3	1
44	Slow Release Fertilizer from Treated Rice Straw/Urea Beads Coated With Natural Rubber: FTIR and UV-Vis Analysis. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012068.	0.3	2
45	Dynamic Analysis of UAV's Motor Support Bar Length Control System. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012053.	0.3	1
46	Synthesis and Characterization of Alkylated Graphene Oxide (AGO) and Reduced Graphene Oxide (ARGO). Materials Today: Proceedings, 2019, 17, 508-515.	0.9	1
47	Micro Crystalline Bamboo Cellulose Based Seaweed Biodegradable Composite Films for Sustainable Packaging Material. Journal of Polymers and the Environment, 2019, 27, 1602-1612.	2.4	54
48	Analysis of Human Behaviour while Controlling the Steering Wheel of a Buggy Electric Vehicle (EV). IOP Conference Series: Materials Science and Engineering, 2019, 557, 012011.	0.3	2
49	Experimental study of UAV propeller Thrust generation for various Propeller Blade-Span and the relation with mouth-ring. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012052.	0.3	0
50	The Influences of Different Bamboo Filler Loading on Tensile Properties and Impact Strength of RHDPE/BF Composites. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012069.	0.3	1
51	Zinc Oxide Nano Particles Integrated Kenaf/Unsaturated Polyester BioComposite. Journal of Renewable Materials, 2019, 7, 967-982.	1.1	40
52	Metal Oxide and Activated Carbon as Photocatalyst for Waste Water Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012066.	0.3	4
53	Muscle Fatigue Detections During Arm Movement using EMG Signal. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012004.	0.3	6
54	Activated alumina preparation and characterization: The review on recent advancement. E3S Web of Conferences, 2018, 34, 02049.	0.2	5

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55	Compressive mechanical properties of sawdust/high density polyethylene composites under various strain rate loadings. Journal of Vinyl and Additive Technology, 2018, 24, 162-173.	1.8	2
56	The effect of rice straw particulate loading and polyethylene glycol as plasticizer on the properties of polylactic acid/polyhydroxybutyrate-valerate blends. Polymer Bulletin, 2018, 75, 61-76.	1.7	20
57	Synthesis and structural studies of an epoxidized natural rubber/titania (ENR-50/TiO ₂) hybrid under mild acid conditions. Polymer Testing, 2018, 65, 10-20.	2.3	47
58	Warpage analysis on thin shell part using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	0
59	Warpage optimization on thick shell part (thickness below 2mm) by using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	1
60	Effects of Sodium Hydroxide Treatment on LLDPE/DS Composites: Tensile Properties and Morphology. Journal of Physics: Conference Series, 2018, 1019, 012061.	0.3	2
61	Effect of alkaline treatment on mechanical properties of HDPE/PKS composites. AIP Conference Proceedings, 2018, , .	0.3	17
62	Cure Characteristics and Physical Properties of SMR L/EPDM Blends: Effects of Blend Ratios. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012188.	0.3	1
63	Effect of Kenaf Fibre Layers on Mechanical and Thermal Properties of Kenaf/Unsaturated Polyester Composites. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012091.	0.3	1
64	Common Defect of Colonial Buildings in Malaysia. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012186.	0.3	2
65	Tensile and Physical Properties of Unsaturated Polyester/Potash Feldspar Composites: The Effect of Potash Feldspar Loading. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012192.	0.3	3
66	An Introduction to Thermal Bridge Assessment and Mould Risk at Dampness Surface for Heritage Building. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012185.	0.3	7
67	Design, Fabrication and Characterization of silicon Nanostructures for Lead (Pb ⁺) ion detection. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012181.	0.3	2
68	Recycled Natural Rubber Latex Gloves Filled CR Rubber: The Effects of Filler Size and loading. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012189.	0.3	0
69	The Influences of Chicken Feather Loading on Tensile and Physical Properties of R-Hdpe/Eva/Cff Composites. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012190.	0.3	1
70	The Effects Of Phthalic Anhydride On R-Hdpe / Eva / Cff Composites: Tensile And Physical Properties. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012191.	0.3	2
71	Effects of Date Seeds Size and Loading on Properties of Linear Low-Density Polyethylene/Date Seeds Powder Composites. Journal of Physics: Conference Series, 2018, 1019, 012060.	0.3	2
72	Optimization of warpage on plastic part by using particle swarm optimization (PSO) method. AIP Conference Proceedings, 2018, , .	0.3	0

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73	Optimization of warpage on plastic part by using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	3
74	Optimisation of thin shell parts by using response surface methodology (RSM) method. AIP Conference Proceedings, 2018, , .	0.3	0
75	Warpage optimisation on thick shell part (thickness below 2mm) by using bat algorithm (BA). AIP Conference Proceedings, 2018, , .	0.3	0
76	Mechanical and physical properties of HDPE/PKS composites: Effects of filler content and size of PKS fillers. AIP Conference Proceedings, 2018, , .	0.3	1
77	Functionalization of Si Nanowire Surfaces to Create Interactive Mechanism for Heavy Metals Detection Application. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012180.	0.3	1
78	Sawdust Flour Reinforced Epoxidized Natural Rubber: Effect Of Trans-Polyoctylene Rubber on Curing Characteristics and Tensile Properties. Journal of Physics: Conference Series, 2018, 1019, 012090.	0.3	0
79	Optimization of warpage on front panel housing plastic part using response surface methodology (RSM) and genetic algorithm method (GA). AIP Conference Proceedings, 2018, , .	0.3	0
80	Optimization of warpage on plastic injection molding part using response surface methodology (RSM) and particle swarm optimization (PSO). AIP Conference Proceedings, 2018, , .	0.3	0
81	Warpage optimization on front panel housing by using glowworm swarm optimization (GSO) approach. AIP Conference Proceedings, 2018, , .	0.3	2
82	Optimization of warpage on front panel housing part using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	0
83	Warpage optimization on thin shell part (below 2mm) using response surface methodology (RSM). AIP Conference Proceedings, 2018, , .	0.3	0
84	Warpage analysis on thick shell part using response surface methodology (RSM) to optimize parameter setting in injection molding process. AIP Conference Proceedings, 2018, , .	0.3	1
85	Warpage analysis on thick shell part using response surface methodology (RSM) and bat algorithm (BA) to optimize parameter setting in injection molding process. AIP Conference Proceedings, 2018, , .	0.3	0
86	Modelling Simulation of Organic and Inorganic Interaction Based on First Principle Calculation. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012090.	0.3	0
87	Synthesis of Alumina Sub-Microstructure Particles Using In-House Methods. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012182.	0.3	1
88	The Effect of Cyperus Odoratus Size and Loading on the Properties of Polypropylene/Cyperus Odoratus (PP/CY) Composites. Journal of Physics: Conference Series, 2018, 1019, 012056.	0.3	1
89	The Influences NaOH Treatment on Polypropylene/<i>Cyperus Odoratus</i> (PP/CY) Composites: Tensile and Morphology. Journal of Physics: Conference Series, 2018, 1019, 012057.	0.3	27
90	Arsenic ion Detection via Electron Chemical Reaction Mechanism Based on Interdigitated Electrode (IDE). IOP Conference Series: Materials Science and Engineering, 2018, 454, 012183.	0.3	0

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91	The Effects of Wood Sawdust Loading on Tensile and Physical Properties of Up/Pf/Wsd Composites. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012193.	0.3	5
92	Preparation, characterization and application of alumina nanoparticles with multiple active component for oxidation desulfurization. AIP Conference Proceedings, 2018, , .	0.3	3
93	Thermal properties of PLA/HNTs composites: Effect of different halloysite nanotube. AIP Conference Proceedings, 2018, , .	0.3	8
94	Warpaga optimization on thin shell part by using glowworm swarm optimization (GSO) approach. AIP Conference Proceedings, 2018, , .	0.3	1
95	Optimization of warpaga on plastic part by using genetic algorithm (GA). AIP Conference Proceedings, 2018, , .	0.3	1
96	The Influences of Zirconium Dioxide on ENR-25/ZrO ₂ Composites: FTIR and TGA Analysis. Journal of Physics: Conference Series, 2018, 1019, 012055.	0.3	5
97	Chemical and Hydrophobic Properties of PLA/HNTs-ZrO ₂ Bionanocomposites. Journal of Physics: Conference Series, 2018, 1019, 012065.	0.3	21
98	The Effects of Tensile Properties of PLA/HNTs-ZrO ₂ Bionanocomposites. Journal of Physics: Conference Series, 2018, 1019, 012066.	0.3	9
99	Use of Struktol as a compatibilizer for SMR L/EPDM blends: Cure characteristics and physical properties. AIP Conference Proceedings, 2018, , .	0.3	1
100	Modification of halloysite filler with phosphonium based deep eutectic solvents for PLA/HNTs composites. AIP Conference Proceedings, 2018, , .	0.3	0
101	Optimization of thin shell parts by using firefly algorithm (FA) method. AIP Conference Proceedings, 2018, , .	0.3	0
102	Studies of ENR-25/TiO ₂ Composites for Electronic Materials Packaging Applications. Journal of Physics: Conference Series, 2018, 1019, 012054.	0.3	2
103	LDPE/paddy straw biocomposite: The effect of filler loading. , 2018, , .		1
104	Mercaptopropyltriethoxysilane (MPTES) Concentration Effect on Selectivity and Electrical Response of Nanostructure. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012184.	0.3	0
105	Warpaga optimization on thin shell part (below 2mm) by using response surface methodology (RSM) and differential evolution (DE) approach. AIP Conference Proceedings, 2018, , .	0.3	0
106	Effect of micro-silica fume and fly ash as a partial replacement of cement on fresh and early strength properties of concrete. AIP Conference Proceedings, 2018, , .	0.3	1
107	The effects of different content and size of date seeds filler on thermal properties of LLDPE/date seeds (DS) composites. AIP Conference Proceedings, 2018, , .	0.3	0
108	Study of fillers treatment using NaOH on the thermal properties of LLDPE/date seeds (DS) composites. AIP Conference Proceedings, 2018, , .	0.3	0

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109	A slow release fertilizer from urea and rice straw coated by ENR-50 for agricultural application. AIP Conference Proceedings, 2018, , .	0.3	1
110	Characterization of quicklime as raw material to hydrated lime: Effect of temperature on its characteristics. AIP Conference Proceedings, 2018, , .	0.3	9
111	Study of gas holdup for bubble column at three phases. AIP Conference Proceedings, 2018, , .	0.3	0
112	The Effect of Epoxidized Natural Rubber as A Compatibilizer on the Properties of Standard Malaysian Rubber/Ethylene Propylene Diene Monomer Blends. Journal of Physics: Conference Series, 2018, 1019, 012068.	0.3	0
113	Recycled Natural Rubber Latex Gloves Filled Chloroprene Rubber: Effects of Compatibilizers. Journal of Physics: Conference Series, 2018, 1019, 012067.	0.3	3
114	The Effects of SMR L Content on the Properties of ENR-25 / RSC Compounds. Journal of Physics: Conference Series, 2018, 1019, 012058.	0.3	0
115	The Effects of Different Rice Husk Loading and Size on The Properties of Standard Malaysian Rubber / Rice Husk Composites. Journal of Physics: Conference Series, 2018, 1019, 012091.	0.3	2
116	New Slow Release Fertilizer from ENR-50/RH/Urea Composites: Effect of Sodium Chloride Concentration. Journal of Physics: Conference Series, 2018, 1019, 012062.	0.3	0
117	Slow Release Material from Epoxidized Natural Rubber and Rice Husk Composites for Agriculture Applications. Journal of Physics: Conference Series, 2018, 1019, 012063.	0.3	24
118	Preparation and Characterization of Activated Alumina. E3S Web of Conferences, 2018, 34, 02052.	0.2	0
119	Fabrication and characterization of zinc oxide nanoparticle-treated kenaf polymer composites for weather resistance based on a solar UV radiation. BioResources, 2018, 13, 6480-6496.	0.5	21
120	The effects of hybrid fillers on thermal, mechanical, physical, and antimicrobial properties of ultrahigh-molecular-weight polyethylene-reinforced composites. Polymer Composites, 2017, 38, 1689-1697.	2.3	2
121	NMR study of ring opening reaction of epoxidized natural rubber in presence of potassium hydroxide/isopropanol solution. Polymer Testing, 2017, 59, 55-66.	2.3	44
122	Study on Surface Integrity of AISI 1045 Carbon Steel when machined by Carbide Cutting Tool under wet conditions. MATEC Web of Conferences, 2017, 97, 01075.	0.1	1
123	A strategy for design and fabrication of low cost microchannel for future reproductivity of bio/chemical lab-on-chip application. AIP Conference Proceedings, 2017, , .	0.3	1
124	Mechanical and morphological study of linear low density polyethylene (LLDPE)/cyperus odoratus (CY) biocomposites. , 2017, , .		0
125	Lab-on-chip components for molecular detection. AIP Conference Proceedings, 2017, , .	0.3	0
126	Drug carrier in cancer therapy: A simulation study based on magnetic carrier substances. AIP Conference Proceedings, 2017, , .	0.3	0

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127	Calculation of the band structure parameter in silicon nanowires using first principle analytical method. AIP Conference Proceedings, 2017, , .	0.3	5
128	Fabrication of microfluidic integrated biosensor. AIP Conference Proceedings, 2017, , .	0.3	0
129	Comparison on graphite, graphene oxide and reduced graphene oxide: Synthesis and characterization. AIP Conference Proceedings, 2017, , .	0.3	264
130	Lattices parameter dependent on effective atomic interactive coefficient in nanostructure. AIP Conference Proceedings, 2017, , .	0.3	2
131	Curing characteristics tensile and physical properties of rice straw filled standard Malaysian rubber. Journal of Physics: Conference Series, 2017, 908, 012071.	0.3	0
132	Specific and selective target detection of supra-genome 21 Mers Salmonella via silicon nanowires biosensor. AIP Conference Proceedings, 2017, , .	0.3	2
133	Synthesis of zinc oxide thin films prepared by sol-gel for specific bioactivity. AIP Conference Proceedings, 2017, , .	0.3	2
134	The properties of linear low density polyethylene (LLDPE)/cyperus odoratus (CY) biocomposite: Effects of natural weathering. AIP Conference Proceedings, 2017, , .	0.3	0
135	Observation of Built-up Edge Formation on a Carbide Cutting Tool with Machining Aluminium Alloy under Dry and Wet Conditions. MATEC Web of Conferences, 2017, 97, 01076.	0.1	3
136	Optimization and validation of highly selective microfluidic integrated silicon nanowire chemical sensor. AIP Conference Proceedings, 2017, , .	0.3	1
137	The Weathering Effect in Natural Environment on KenafBast Filled Unsaturated Polyester Composite and Integration of Nano Zinc particle for Water Repellent. Micro and Nanosystems, 2017, 9, .	0.3	34
138	Effect of Particle Size on Mechanical Properties of Sawdust-High Density Polyethylene Composites under Various Strain Rates. BioResources, 2016, 11, .	0.5	14
139	The Effects of Trans- Polyoctylene Rubber (TOR) as a Compatibilizer on The Properties of Epoxidized Natural Rubber/Recycled Silicone Catheter (ENR-25/rSC) Vulcanizate. MATEC Web of Conferences, 2016, 78, 01076.	0.1	16
140	The influence of Rice Husk Fiber on The Properties of Epoxidized Natural Rubber/Rice Husk Compounds. MATEC Web of Conferences, 2016, 78, 01075.	0.1	21
141	Thermal properties of ethyl vinyl acetate (EVA)/montmorillonite (MMT) nanocomposites for biomedical applications. MATEC Web of Conferences, 2016, 78, 01074.	0.1	28
142	Analysis of Shrinkage on Thick Plate Part using Genetic Algorithm. MATEC Web of Conferences, 2016, 78, 01083.	0.1	40
143	Shrinkage Analysis on Thick Plate Part using Response Surface Methodology (RSM). MATEC Web of Conferences, 2016, 78, 01084.	0.1	28
144	Characterization and properties of low-linear-density polyethylene/Typha latifoliamcomposites. International Journal of Polymer Analysis and Characterization, 2016, 21, 590-598.	0.9	32

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145	A structural study of epoxidized natural rubber (ENR \leq 50) ring opening under mild acidic condition. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	50
146	Characterization of Linear Low Density Polyethylene/Rambutan Peels Flour Blends: Effect of Loading Content. <i>Key Engineering Materials</i> , 2016, 673, 171-179.	0.4	3
147	The Effects of Trans-Polyoctylene Rubber (TOR) on the Cure Characteristics and Swelling Behaviour of Activated Carbon Filled Styrene Butadiene Rubber (SBR) Vulcanizates. <i>Materials Science Forum</i> , 2016, 857, 164-168.	0.3	0
148	In vivo toxicity and antitumor activity of essential oils extract from agarwood (<i>Aquilaria crassna</i>). <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 236.	3.7	36
149	Chemical-Mechanical Hydrolysis Technique of Modified Thermoplastic Starch for Better Mechanical Performance. <i>Procedia Chemistry</i> , 2016, 19, 638-645.	0.7	20
150	Effect of ion exchange treatment on dynamic compression properties of polypropylene/muscovite-layered silicate composites. <i>Journal of Thermoplastic Composite Materials</i> , 2016, 29, 867-889.	2.6	3
151	The effect of size and content of jackfruit seed flour on the properties of low density polyethylene. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
152	Preparation and tensile properties of linear low density polyethylene/rambutan peels (<i>Nephelium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.3	0
153	Influence of adipic acid on tensile and morphology properties of linear low density polyethylene/rambutan peels flour blends. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
154	Degradation assessment of natural weathering on low density polyethylene/thermoplastic soya spent powder blends. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
155	Thermal degradation of high-density polyethylene/soya spent powder blends. <i>Journal of Polymer Engineering</i> , 2015, 35, 437-442.	0.6	6
156	The Effect of Recycled Nitrile Glove Filled Epoxidised Natural Rubber 50 on Cure Characteristics and Swelling Properties. <i>Applied Mechanics and Materials</i> , 2014, 679, 300-304.	0.2	0
157	Recent Advances in Polyolefins/Natural Polymer Blends Used for Packaging Application. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 631-644.	1.9	44
158	Effect of Carbon Black/Silica Hybrid Filler on Thermal Properties, Fatigue Life, and Natural Weathering of SBR/Recycled NBR Blends. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 252-259.	1.8	24
159	Thermal Properties of Linear-Low Density Polyethylene (LLDPE)/Soya Spent Powder Blends with the Addition of Epoxidised Natural Rubber. <i>Advanced Materials Research</i> , 2013, 795, 433-437.	0.3	1
160	Characterizations on the Effect of Processing of Polymers Blend with Petroleum Coke (Part I). <i>Advanced Materials Research</i> , 2013, 795, 644-648.	0.3	0
161	Thermal Properties of Sn-0.7Cu/re-Al Composite Lead-Free Solder. <i>Advanced Materials Research</i> , 2013, 795, 451-454.	0.3	0
162	Preparation of Cyclopentyl Trisilanol Silsesquioxanes - Modified Natural Rubber (CpSSQ(OH) ₃ ENR-50) Composite Hybrid in the Presence of HCL Acid. <i>Advanced Materials Research</i> , 2013, 795, 251-255.	0.3	2

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163	Properties of Natural Rubber/Ethylene Propylene Diene Monomer/Recycled Latex Catheter (NR/EPDM/rLC) Ternary Blends: Cure Characteristics and Hardness. Key Engineering Materials, 2013, 594-595, 725-729.	0.4	0
164	Thermal Properties of Different Recycled Acrylonitrile-Butadiene Rubber Glove (NBRr) Size and its Blend Ratios on SBR/NBRr Blends. Advanced Materials Research, 2013, 795, 377-382.	0.3	7
165	The Effect of Different Sizes "Batu Reput" (Dolomite) as a Filler in SMR L and ENR-50. Advanced Materials Research, 2013, 795, 383-387.	0.3	3
166	Cure Characteristics and Hardness of Recycled Latex Catheter (LCr) Filled with Standard Malaysia Rubber (SMR L) Compounds. Advanced Materials Research, 2013, 795, 550-553.	0.3	1
167	Physical and Morphological Properties of Styrene Butadiene Rubber/Recycled Chloroprene Rubber (SBR/CRr) Blends - The Effects of TOR as a Compatibilizer. Key Engineering Materials, 2013, 594-595, 862-866.	0.4	2
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