

Nik Noriman Zulkepli

List of Publications by Year in descending order

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225
docs citations

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times ranked

1297
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Comparison on graphite, graphene oxide and reduced graphene oxide: Synthesis and characterization. AIP Conference Proceedings, 2017, , . | 0.4 | 264 |
| 2 | Characterization of styrene butadiene rubber/recycled acrylonitrile-butadiene rubber (SBR/NBR) blends: The effects of epoxidized natural rubber (ENR-50) as a compatibilizer. Polymer Testing, 2010, 29, 200-208. | 4.8 | 102 |
| 3 | Properties of styrene butadiene rubber (SBR)/recycled acrylonitrile butadiene rubber (NBR) blends: The effects of carbon black/silica (CB/Sil) hybrid filler and silane coupling agent, Si69. Journal of Applied Polymer Science, 2012, 124, 19-27. | 2.6 | 76 |
| 4 | Micro Crystalline Bamboo Cellulose Based Seaweed Biodegradable Composite Films for Sustainable Packaging Material. Journal of Polymers and the Environment, 2019, 27, 1602-1612. | 5.0 | 54 |
| 5 | A structural study of epoxidized natural rubber (ENR-50) ring opening under mild acidic condition. Journal of Applied Polymer Science, 2016, 133, . | 2.6 | 50 |
| 6 | 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. | 4.8 | 47 |
| 7 | Curing Characteristics and Mechanical and Morphological Properties of Styrene Butadiene Rubber/Virgin Acrylonitrile-Butadiene Rubber (SBR/vNBR) and Styrene Butadiene Rubber/Recycled Acrylonitrile-Butadiene Rubber (SBR/rNBR) Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 1016-1023. | 1.9 | 45 |
| 8 | Recent Advances in Polyolefins/Natural Polymer Blends Used for Packaging Application. Polymer-Plastics Technology and Engineering, 2014, 53, 631-644. | 1.9 | 44 |
| 9 | NMR study of ring opening reaction of epoxidized natural rubber in presence of potassium hydroxide/isopropanol solution. Polymer Testing, 2017, 59, 55-66. | 4.8 | 44 |
| 10 | Analysis of Shrinkage on Thick Plate Part using Genetic Algorithm. MATEC Web of Conferences, 2016, 78, 01083. | 0.2 | 40 |
| 11 | Zinc Oxide Nano Particles Integrated Kenaf/Unsaturated Polyester BioComposite. Journal of Renewable Materials, 2019, 7, 967-982. | 2.2 | 40 |
| 12 | The effects of electron beam irradiation on the thermal properties, fatigue life and natural weathering of styrene butadiene rubber/recycled acrylonitrile-butadiene rubber blends. Materials & Design, 2011, 32, 3336-3346. | 5.1 | 39 |
| 13 | Polyester Composites Filled Carbon Black and Activated Carbon from Bamboo (Gigantochloa) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2007, 26, 305-320. | 3.1 | 38 |
| 14 | In vivo toxicity and antitumor activity of essential oils extract from agarwood (Aquilaria crassna). BMC Complementary and Alternative Medicine, 2016, 16, 236. | 3.7 | 36 |
| 15 | Insight on the structural aspect of ENR-50/TiO ₂ hybrid in KOH/C ₃ H ₈ O medium revealed by NMR spectroscopy. Arabian Journal of Chemistry, 2020, 13, 2400-2413. | 4.9 | 36 |
| 16 | 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, . | 0.6 | 34 |
| 17 | Characterization and properties of low-linear-density polyethylene/Typha latifoliacomposites. International Journal of Polymer Analysis and Characterization, 2016, 21, 590-598. | 1.9 | 32 |
| 18 | Studies on Tensile Properties of Compatibilized and Uncompatibilized Low-Density Polyethylene/Jackfruit Seed Flour (LDPE/JFSF) Blends at Different JFSF Content. Solid State Phenomena, 0, 264, 120-123. | 0.3 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Thermal properties of ethyl vinyl acetate (EVA)/montmorillonite (MMT) nanocomposites for biomedical applications. MATEC Web of Conferences, 2016, 78, 01074. | 0.2 | 28 |
| 20 | Shrinkage Analysis on Thick Plate Part using Response Surface Methodology (RSM). MATEC Web of Conferences, 2016, 78, 01084. | 0.2 | 28 |
| 21 | The Influences NaOH Treatment on Polypropylene/ <i>Cyperus Odoratus</i> (PP/CY) Composites: Tensile and Morphology. Journal of Physics: Conference Series, 2018, 1019, 012057. | 0.4 | 27 |
| 22 | Effect of Carbon Black/Silica Hybrid Filler on Thermal Properties, Fatigue Life, and Natural Weathering of SBR/Recycled NBR Blends. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 252-259. | 3.4 | 24 |
| 23 | Slow Release Material from Epoxidized Natural Rubber and Rice Husk Composites for Agriculture Applications. Journal of Physics: Conference Series, 2018, 1019, 012063. | 0.4 | 24 |
| 24 | The influence of Rice Husk Fiber on The Properties of Epoxidized Natural Rubber/Rice Husk Compounds. MATEC Web of Conferences, 2016, 78, 01075. | 0.2 | 21 |
| 25 | Chemical and Hydrophobic Properties of PLA/HNTs-ZrO ₂ Bionanocomposites. Journal of Physics: Conference Series, 2018, 1019, 012065. | 0.4 | 21 |
| 26 | 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. | 1.0 | 21 |
| 27 | A Study of FTIR, Thermal Properties and Natural Weathering Test on NBRVirgin/Recycledwith SBR Blends. Polymer-Plastics Technology and Engineering, 2012, 51, 350-357. | 1.9 | 20 |
| 28 | Properties of styrene butadiene rubber/recycled acrylonitrile-butadiene rubber (SBR/NBRr) blends: Effect of the addition of <i>trans</i> -polyoctylene rubber. Journal of Applied Polymer Science, 2012, 126, E56. | 2.6 | 20 |
| 29 | Chemical-Mechanical Hydrolysis Technique of Modified Thermoplastic Starch for Better Mechanical Performance. Procedia Chemistry, 2016, 19, 638-645. | 0.7 | 20 |
| 30 | 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. | 3.3 | 20 |
| 31 | The Effect of Electron Beam (EB) Irradiation in Presence of TMPTA on Cure Characteristics and Mechanical Properties of Styrene Butadiene Rubber/Recycled Acrylonitrile-Butadiene Rubber (SBR/NBRr) Blends. Polymer-Plastics Technology and Engineering, 2010, 49, 228-236. | 1.9 | 18 |
| 32 | Robust interface on ENR-50/TiO ₂ nanohybrid material based sol-gel technique: Insights into synthesis, characterization and applications in optical. Arabian Journal of Chemistry, 2020, 13, 6568-6579. | 4.9 | 18 |
| 33 | Effect of alkaline treatment on mechanical properties of HDPE/PKS composites. AIP Conference Proceedings, 2018, , . | 0.4 | 17 |
| 34 | Effect of epoxidized natural rubber on thermal properties, fatigue life, and natural weathering test of styrene butadiene rubber/recycled acrylonitrile-butadiene rubber (SBR/NBRr) blends. Journal of Applied Polymer Science, 2012, 123, 779-787. | 2.6 | 16 |
| 35 | 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. | 0.2 | 16 |
| 36 | Current Research in Biodegradable Plastics. Applied Mechanics and Materials, 0, 679, 273-280. | 0.2 | 15 |

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| 37 | 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. | 4.6 | 15 |
| 38 | Effect of Particle Size on Mechanical Properties of Sawdust-High Density Polyethylene Composites under Various Strain Rates. <i>BioResources</i> , 2016, 11, . | 1.0 | 14 |
| 39 | The effects of trans-polyoctylene rubber on thermal analysis and fatigue properties of styrene butadiene rubber/recycled acrylonitrile butadiene rubber. <i>Advances in Polymer Technology</i> , 2012, 31, 100-108. | 1.7 | 13 |
| 40 | 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 |
| 41 | Characterization of Nanocrystalline Cellulose Isolated from Empty Fruit Bunch Using Acid Hydrolysis. <i>Solid State Phenomena</i> , 0, 264, 9-12. | 0.3 | 10 |
| 42 | The Effects of Tensile Properties of PLA/HNTs-ZrO ₂ Bionanocomposites. <i>Journal of Physics: Conference Series</i> , 2018, 1019, 012066. | 0.4 | 9 |
| 43 | Characterization of quicklime as raw material to hydrated lime: Effect of temperature on its characteristics. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 9 |
| 44 | 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. | 2.2 | 9 |
| 45 | Natural Weathering Test of Styrene Butadiene Rubber and Recycled Acrylonitrile Butadiene Rubber (SBR/NBRr) Blends. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 731-741. | 1.9 | 8 |
| 46 | Thermal properties of PLA/HNTs composites: Effect of different halloysite nanotube. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 8 |
| 47 | Sawdust Short Fiber Reinforced Epoxidized Natural Rubber: Insight on Its Mechanical, Physical, and Thermal Aspects. <i>Journal of Renewable Materials</i> , 2020, 8, 1633-1645. | 2.2 | 8 |
| 48 | Thermal Properties of Different Recycled Acrylonitrile-Butadiene Rubber Glove (NBRr) Size and its Blend Ratios on SBR/NBRr Blends. <i>Advanced Materials Research</i> , 2013, 795, 377-382. | 0.3 | 7 |
| 49 | Effect of Alkaline Treatment on Sawdust Reinforced High Density Polyethylene Composite under Wide Strain Rate. <i>Materials Science Forum</i> , 0, 840, 103-107. | 0.3 | 7 |
| 50 | An Introduction to Thermal Bridge Assessment and Mould Risk at Dampness Surface for Heritage Building. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 454, 012185. | 0.6 | 7 |
| 51 | Physical properties of plasticized PLA/HNTs bionanocomposites: effects of plasticizer type and content. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 557, 012067. | 0.6 | 7 |
| 52 | Research Advances of Composite Solder Material Fabricated via Powder Metallurgy Route. <i>Advanced Materials Research</i> , 2012, 626, 791-796. | 0.3 | 6 |
| 53 | The Effects of Carbon Black and Calcium Carbonate as a Filler on Cure Characteristic and Physical Properties of SBR/CRr Blends. <i>Key Engineering Materials</i> , 0, 594-595, 867-871. | 0.4 | 6 |
| 54 | Thermal degradation of high-density polyethylene/soya spent powder blends. <i>Journal of Polymer Engineering</i> , 2015, 35, 437-442. | 1.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Properties of Natural Rubber/Styrene Butadiene Rubber/Recycled Nitrile Glove (NR/SBR/rNBRg) Blends: The Effects of Recycled Nitrile Glove (rNBRg) Particle Sizes. Key Engineering Materials, 0, 673, 151-160. | 0.4 | 6 |
| 56 | Muscle Fatigue Detections During Arm Movement using EMG Signal. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012004. | 0.6 | 6 |
| 57 | Effect of chemical treatment on mechanical and physical properties of non-woven kenaf fiber mat reinforced polypropylene biocomposites. , 2020, , . | | 6 |
| 58 | Calculation of the band structure parameter in silicon nanowires using first principle analytical method. AIP Conference Proceedings, 2017, , . | 0.4 | 5 |
| 59 | Activated alumina preparation and characterization: The review on recent advancement. E3S Web of Conferences, 2018, 34, 02049. | 0.5 | 5 |
| 60 | 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. | 0.6 | 5 |
| 61 | The Influences of Zirconium Dioxide on ENR-25/ZrO ₂ Composites: FTIR and TGA Analysis. Journal of Physics: Conference Series, 2018, 1019, 012055. | 0.4 | 5 |
| 62 | Roles of linear alkyl chain alkylation on reinforcement of graphene based polypropylene nanocomposites. Materials Today Communications, 2020, 22, 100775. | 1.9 | 5 |
| 63 | Metal Oxide and Activated Carbon as Photocatalyst for Waste Water Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012066. | 0.6 | 4 |
| 64 | Studies on characteristic of glycerol-kenaf pellet via fluidization drying process toward energy produced. AIP Conference Proceedings, 2020, , . | 0.4 | 4 |
| 65 | Copper alloy reinforced by graphene by powder metallurgy technique. AIP Conference Proceedings, 2020, , . | 0.4 | 4 |
| 66 | Physical and Barrier Properties of Polylactic Acid/Halloysite Nanotubes-Titanium Dioxide Nanocomposites. Materials Science Forum, 0, 1021, 280-289. | 0.3 | 4 |
| 67 | The Influence of Cure Characteristics and Crosslink Density of Virgin Acrylonitrile Butadiene Rubber/Recycled Acrylonitrile Butadiene Rubber (vNBR/rNBR) Blends. Key Engineering Materials, 0, 594-595, 735-739. | 0.4 | 3 |
| 68 | 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 |
| 69 | Natural Rubber/Styrene Butadiene Rubber/Recycled Nitrile Glove (NR/SBR/rNBRg) Ternary Blend: Curing Characteristics and Swelling Test. Key Engineering Materials, 2013, 594-595, 634-638. | 0.4 | 3 |
| 70 | Effects of Recycled-Aluminum Additions on the Mechanical Properties of Sn-0.7Cu/Cu-Substrate Lead-Free Solder Joints. Advanced Materials Research, 0, 795, 446-450. | 0.3 | 3 |
| 71 | Physical and Morphological Properties of Styrene Butadiene Rubber / Recycled Chloroprene Rubber (SBR/CRr) Blends. Advanced Materials Research, 0, 795, 119-123. | 0.3 | 3 |
| 72 | Effect of Recycled Nitrile Glove (rNBRg) Particle Sizes on Curing Characteristics and Physical Properties of Natural Rubber/Styrene Butadiene Rubber/Recycled Nitrile Glove (NR/SBR/rNBRg) Blends. Applied Mechanics and Materials, 0, 815, 54-58. | 0.2 | 3 |

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|----|---|-----|-----------|
| 73 | The Properties of Linear Low Density Polyethylene/Cyperus Odoratus (LLDPE/CY) Blends: Effect of Sodium Hydroxide. Applied Mechanics and Materials, 0, 815, 69-73. | 0.2 | 3 |
| 74 | Characterization of Linear Low Density Polyethylene/Rambutan Peels Flour Blends: Effect of Loading Content. Key Engineering Materials, 2016, 673, 171-179. | 0.4 | 3 |
| 75 | Effect of ion exchange treatment on dynamic compression properties of polypropylene/muscovite-layered silicate composites. Journal of Thermoplastic Composite Materials, 2016, 29, 867-889. | 4.2 | 3 |
| 76 | 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. | 0.2 | 3 |
| 77 | 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. | 0.6 | 3 |
| 78 | Optimization of warpage on plastic part by using response surface methodology (RSM). AIP Conference Proceedings, 2018, , . | 0.4 | 3 |
| 79 | Preparation, characterization and application of alumina nanoparticles with multiple active component for oxidation desulfurization. AIP Conference Proceedings, 2018, , . | 0.4 | 3 |
| 80 | Recycled Natural Rubber Latex Gloves Filled Chloroprene Rubber: Effects of Compatibilizers. Journal of Physics: Conference Series, 2018, 1019, 012067. | 0.4 | 3 |
| 81 | Comparison Between Performance of De-ionized Water and Al ₂ O ₃ /De-ionized Water on Enhancing the Transportation of Heat in Small Space. IOP Conference Series: Materials Science and Engineering, 0, 557, 012051. | 0.6 | 3 |
| 82 | Preparation of Cyclopentyl Trisilanol Silsesquioxanes - Modified Natural Rubber (CpSSQ(OH) ₃ ENR-50) Composite Hybrid in the Presence of HCL Acid. Advanced Materials Research, 2013, 795, 251-255. | 0.3 | 2 |
| 83 | 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 |
| 84 | The Effects on Cure Characteristics, Physico-Mechanical Properties and Morphology of Bamboo Activated Carbon Filled Styrene Butadiene Rubber (SBR) Vulcanizates. Key Engineering Materials, 0, 673, 131-140. | 0.4 | 2 |
| 85 | 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. | 4.6 | 2 |
| 86 | Lattices parameter dependent on effective atomic interactive coefficient in nanostructure. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |
| 87 | Specific and selective target detection of supra-genome 21 Mers Salmonella via silicon nanowires biosensor. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |
| 88 | Synthesis of zinc oxide thin films prepared by sol-gel for specific bioactivity. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |
| 89 | Compressive mechanical properties of sawdust/high density polyethylene composites under various strain rate loadings. Journal of Vinyl and Additive Technology, 2018, 24, 162-173. | 3.4 | 2 |
| 90 | Effects of Sodium Hydroxide Treatment on LLDPE/DS Composites: Tensile Properties and Morphology. Journal of Physics: Conference Series, 2018, 1019, 012061. | 0.4 | 2 |

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| 91 | Green Curb - An Alternative Method to Produce Road Curb Using Old Tire. IOP Conference Series: Materials Science and Engineering, 0, 454, 012187. | 0.6 | 2 |
| 92 | Amino-propyltriethoxysilane Modified Heavy Metal Sensor Based on Silicon Nanowire Arrays. IOP Conference Series: Materials Science and Engineering, 0, 454, 012080. | 0.6 | 2 |
| 93 | Common Defect of Colonial Buildings in Malaysia. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012186. | 0.6 | 2 |
| 94 | Design, Fabrication and Characterization of silicon Nanostructures for Lead (Pb+) ion detection. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012181. | 0.6 | 2 |
| 95 | 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. | 0.6 | 2 |
| 96 | 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. | 0.4 | 2 |
| 97 | Warpage optimization on front panel housing by using glowworm swarm optimization (GSO) approach. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 98 | Effect of kenaf fibre Mat layers and Zinc Oxide Nanoparticle Concentration on the Mechanical and Thermal Properties of ZnONPs/kenaf/polyester Composites. IOP Conference Series: Materials Science and Engineering, 0, 454, 012079. | 0.6 | 2 |
| 99 | Studies of ENR-25/TiO ₂ Composites for Electronic Materials Packaging Applications. Journal of Physics: Conference Series, 2018, 1019, 012054. | 0.4 | 2 |
| 100 | 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. | 0.4 | 2 |
| 101 | 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. | 0.6 | 2 |
| 102 | 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. | 0.6 | 2 |
| 103 | Modification of Polylactic Acid/ Halloysite Bionanocomposites Using Electron Beam Radiation: Physical, Barrier and Thermal Properties. Materials Science Forum, 0, 1002, 57-65. | 0.3 | 2 |
| 104 | Characterization and coagulation performance of poly ferric silicate sulfate from rice husk ash. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 105 | Impact strength of LDPE/RH composites for industrial injection moulded parts. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 106 | Determination of moisture content on kenaf via fluidization systems. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 107 | Flexural properties of rice husk (Oryza sativa) reinforced low density polyethylene composites for industrial injection moulded parts. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 108 | Polylactic Acid/Halloysite Nanotubes-Titanium Dioxide Nanocomposites: Antibacterial and Mechanical Properties. Materials Science Forum, 0, 1021, 270-279. | 0.3 | 2 |

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| 109 | Investigation on the flexural properties of nanofillers loading on the Jute/Carbon/PLA nanocomposites. Journal of Mechanical Engineering and Sciences, 2020, 14, 7424-7433. | 0.6 | 2 |
| 110 | Thermal Properties of Linear-Low Density Polyethylene (LLDPE)/Soya Spent Powder Blends with the Addition of Epoxidised Natural Rubber. Advanced Materials Research, 2013, 795, 433-437. | 0.3 | 1 |
| 111 | The Effects of Carbon Black, Silica and Calcium Carbonate in Virgin PE/Recycle PE/EPDM Blends: Thermal Properties & Swelling Analysis. Advanced Materials Research, 0, 795, 372-376. | 0.3 | 1 |
| 112 | Comparison of Mechanical Properties of Polypropylene/Acrylonitrile Butadiene Rubber/Rice Husk Powder Composites Modified with Silane and Acetic Anhydride Compound. Advanced Materials Research, 0, 795, 441-445. | 0.3 | 1 |
| 113 | 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 |
| 114 | Tensile and Morphological Properties of Low Density Polyethylene/Spear Grass Composites. Key Engineering Materials, 2013, 594-595, 715-719. | 0.4 | 1 |
| 115 | Effects of Recycled Silicone Catheter Filled Epoxidised Natural Rubber (ENR 50) on Tensile Properties and Morphology. Applied Mechanics and Materials, 0, 679, 207-211. | 0.2 | 1 |
| 116 | The Effect of Trans-Polyoctylene Rubber (TOR) as Compatibilizer on Recycled Nitrile Glove (NBRr) Filled Natural Rubber Compound: Tensile Test and Morphology Studies. Applied Mechanics and Materials, 0, 679, 305-310. | 0.2 | 1 |
| 117 | Tensile Properties and Morphology of Recycled Latex Glove Filled Epoxidized Natural Rubber (ENR50) Compounds. Applied Mechanics and Materials, 0, 679, 267-272. | 0.2 | 1 |
| 118 | The effect of size and content of jackfruit seed flour on the properties of low density polyethylene. AIP Conference Proceedings, 2015, , . | 0.4 | 1 |
| 119 | Degradation assessment of natural weathering on low density polyethylene/thermoplastic soya spent powder blends. AIP Conference Proceedings, 2015, , . | 0.4 | 1 |
| 120 | Effect of Surface Modification on Rice Husk (RH)/Linear Low Density Polyethylene (LLDPE) Composites under Various Loading Rates. Materials Science Forum, 0, 840, 3-7. | 0.3 | 1 |
| 121 | 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. | 0.2 | 1 |
| 122 | A strategy for design and fabrication of low cost microchannel for future reproductivity of bio/chemical lab-on-chip application. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 123 | Optimization and validation of highly selective microfluidic integrated silicon nanowire chemical sensor. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 124 | Warpage optimization on thick shell part (thickness below 2mm) by using response surface methodology (RSM). AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 125 | Cure Characteristics and Physical Properties of SMR L/EPDM Blends: Effects of Blend Ratios. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012188. | 0.6 | 1 |
| 126 | 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. | 0.6 | 1 |

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| 127 | 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. | 0.6 | 1 |
| 128 | Mechanical and physical properties of HDPE/PKS composites: Effects of filler content and size of PKS fillers. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 129 | Functionalization of Si Nanowire Surfaces to Create Interactive Mechanism for Heavy Metals Detection Application. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012180. | 0.6 | 1 |
| 130 | Warpage analysis on thick shell part using response surface methodology (RSM) to optimize parameter setting in injection molding process. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 131 | Synthesis of Alumina Sub-Microstructure Particles Using In-House Methods. IOP Conference Series: Materials Science and Engineering, 2018, 454, 012182. | 0.6 | 1 |
| 132 | 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. | 0.4 | 1 |
| 133 | Warpage optimization on thin shell part by using glowworm swarm optimization (GSO) approach. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 134 | Optimization of warpage on plastic part by using genetic algorithm (GA). AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 135 | Use of Struktol as a compatibilizer for SMR L/EPDM blends: Cure characteristics and physical properties. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 136 | LDPE/paddy straw biocomposite: The effect of filler loading. , 2018, , . | | 1 |
| 137 | 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, , . | 0.4 | 1 |
| 138 | A slow release fertilizer from urea and rice straw coated by ENR-50 for agricultural application. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 139 | Tensile Properties and Impact Strength of RHDPE/BF Composites: The Effects of Chemical Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012041. | 0.6 | 1 |
| 140 | Dynamic Analysis of UAV's Motor Support Bar Length Control System. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012053. | 0.6 | 1 |
| 141 | Synthesis and Characterization of Alkylated Graphene Oxide (AGO) and Reduced Graphene Oxide (ARGO). Materials Today: Proceedings, 2019, 17, 508-515. | 1.8 | 1 |
| 142 | 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. | 0.6 | 1 |
| 143 | The challenges in conservation practices in Malaysia: A study in UNESCO heritage site, Georgetown, Penang, Malaysia. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |
| 144 | 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. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |

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