Mariatti Jaafar

List of Publications by Year
in descending order

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Version: 2024-02-01

170 papers	3,217 citations	218677 26 h-index	223800 46 g-index
171 all docs	171 docs citations	171 times ranked	3462 citing authors

#	Article	IF	Citations
1	Recent development in silver-based ink for flexible electronics. Journal of Science: Advanced Materials and Devices, 2022, 7, 100395.	3.1	33
2	Thermal, electrical, and physical properties of novel phase stabilized material: hybrid plastilina nanocomposites for effective thermal management in electronics. Journal of Materials Science: Materials in Electronics, 2022, 33, 78-94.	2.2	5
3	Electrical Tree Inception Voltage and Propagation in XLPE Containing Silica Nanofiller. Lecture Notes in Electrical Engineering, 2022, , 840-845.	0.4	0
4	Formulation of Biodegradable Plastic Mulch Film for Agriculture Crop Protection: A Review. Polymer Reviews, 2022, 62, 890-918.	10.9	27
5	Natural environment aging of virgin and recycled poly(lactic acid): a comparative study on outdoor weathering, seawater and river water. Iranian Polymer Journal (English Edition), 2022, 31, 963-973.	2.4	1
6	Simultaneous enhancement of conductivity and Seebeck coefficient of PEDOT:PSS by triflic acid treatment for flexible thermoelectric generator. Synthetic Metals, 2022, 286, 117037.	3.9	16
7	Biocomposites based on poly(lactic acid) matrix and reinforced with natural fiber fabrics: The effect of fiber type and compatibilizer content. Polymer Composites, 2022, 43, 4191-4209.	4.6	11
8	Fabrication and thermal transient analysis of Ni-P sealed anodic aluminium oxide for electronic packaging. Materials Today: Proceedings, 2022, 66, 2780-2785.	1.8	0
9	Development of non-woven poly butadiethylene terephthalate (PBAT) mats using electrospinning. Materials Today: Proceedings, 2022, 66, 2868-2872.	1.8	3
10	The properties of the modified fish collagen peptide hydrogel. Materials Today: Proceedings, 2022, 66, 2738-2741.	1.8	1
11	Electroless Niâ€“B sealing on nanoporous anodic aluminum oxide pattern: deposition and evaluation of its characteristic properties. Journal of Materials Research and Technology, 2022, 19, 4504-4516.	5.8	2
12	Structure and performance of poly(lactic acid)/poly(butylene succinate-co-L-lactate) blend reinforced with rice husk and coconut shell filler. Polymers and Polymer Composites, 2021, 29, 992-1002.	1.9	8
13	Effect of waste fillers addition on properties of high-density polyethylene composites: mechanical properties, burning rate, and water absorption. Polymer Bulletin, 2021, 78, 6777-6795.	3.3	4
14	Green Strategies to Printed Sensors for Healthcare Applications. Polymer Reviews, 2021, 61, 116-156.	10.9	30
15	Simultaneous impact modified and chain extended glass fiber reinforced poly(lactic acid) composites: Mechanical, thermal, crystallization, and dynamic mechanical performance. Journal of Applied Polymer Science, 2021, 138, 49752.	2.6	24
16	Tensile and morphological properties of nanocrystalline cellulose and nanofibrillated cellulose reinforced<scp>PLA</scp>bionanocomposites: A review. Polymer Engineering and Science, 2021, 61, 22-38.	3.1	27
17	Thermoplastic Elastomer for High Voltage Engineering Applications. , 2021, , .		0
18	The technology of tongue and hard palate contact detection: a review. BioMedical Engineering OnLine, 2021, 20, 17.	2.7	8

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19	Properties improvement of acrylic resin for denture application: effect of single and hybrid types of fillers with different weight loadings. Plastics, Rubber and Composites, 2021, 50, 329-339.	2.0	2
20	Development of environmentally friendly inkjet printable carbon nanotubeâ€based conductive ink for flexible sensors: effects of concentration and functionalization. Journal of Materials Science: Materials in Electronics, 2021, 32, 12648-12660.	2.2	5
21	Performance Enhancement of Inkjet Printed Multiâ€Walled Carbon Nanotubes Inks using Synthetic and Green Surfactants. Advanced Materials Technologies, 2021, 6, 2001026.	5.8	12
22	A novel sealing and high scratch resistant nanorod Ni-P coating on anodic aluminum oxide. Materials Letters, 2021, 289, 129425.	2.6	11
23	The Influence of Substrate Functionalization for Enhancing the Interfacial Bonding between Graphene Oxide and Nonwoven Polyester. Fibers and Polymers, 2021, 22, 3192-3202.	2.1	17
24	Electroless Niâ€“P Deposition on an Al5052 Substrate for Thermal Management Applications. IEEE Transactions on Electron Devices, 2021, 68, 2892-2898.	3.0	4
25	Reduction efficiencies of natural substances for reduced graphene oxide synthesis. Journal of Materials Science, 2021, 56, 18477-18492.	3.7	15
26	Mechanical Properties and In Vitro Evaluation of Thermoplastic Polyurethane and Polylactic Acid Blend for Fabrication of 3D Filaments for Tracheal Tissue Engineering. Polymers, 2021, 13, 3087.	4.5	19
27	Recent advancements in nonwoven bio-degradable facemasks to ameliorate the post-pandemic environmental impact. Materials Research Express, 2021, 8, 112001.	1.6	16
28	Past and Current Progress in the Development of Antiviral/Antimicrobial Polymer Coating towards COVID-19 Prevention: A Review. Polymers, 2021, 13, 4234.	4.5	13
29	Effect of ZnO Nanofiller in the XLPE Matrix on Electrical Tree Characteristics. IEEE Access, 2020, 8, 117574-117581.	4.2	3
30	Formation of grassy TiO2 nanotube thin film by anodisation in peroxide electrolyte for Cr(VI) removal under ultraviolet radiation. Nanotechnology, 2020, 31, 435605.	2.6	10
31	Fabrication of Graphene by Electrochemical Intercalation Method and Performance of Graphene/PVA Composites as Stretchable Strain Sensor. Arabian Journal for Science and Engineering, 2020, 45, 7677-7689.	3.0	7
32	Investigation of surface and mechanical properties of Anodic Aluminium Oxide (AAO) developed on Al substrate for an electronic package enclosure. Surface and Coatings Technology, 2020, 401, 126273.	4.8	16
33	Performance of inkjet-printed strain sensor based on graphene/silver nanoparticles hybrid conductive inks on polyvinyl alcohol substrate. Journal of Materials Science: Materials in Electronics, 2020, 31, 15361-15371.	2.2	17
34	Graphene/polyaniline nanocomposites: effect of in-situ polymerization and solvent blending methods with dodecylbenzene sulfonic acid surfactant. Journal of Materials Science: Materials in Electronics, 2020, 31, 15805-15821.	2.2	6
35	Lignin-assisted carbon nanotube dispersion for conductive ink application. AIP Conference Proceedings, 2020, , .	0.4	3
36	Injectable hydrogel scaffold from natural biomaterials - An overview of recent studies. AIP Conference Proceedings, 2020, , .	0.4	3

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37	Electrical conductivity of silver conductive ink synthesized using chemical reduction method. AIP Conference Proceedings, 2020, , .	0.4	3
38	Flexibility and sensitivity of graphene nanoplatelets-polydimethylsiloxane strain sensor. AIP Conference Proceedings, 2020, , .	0.4	2
39	Preliminary study on reactive compatibilisation of poly-lactic acid with maleic anhydride and dicumyl peroxide for fabrication of 3D printed filaments. AIP Conference Proceedings, 2020, , .	0.4	2
40	Fabrication and characterization of silver nanoparticles/PVA composites for flexible electronic application. AIP Conference Proceedings, 2020, , .	0.4	5
41	A review on degradation mechanisms of polylactic acid: Hydrolytic, photodegradative, microbial, and enzymatic degradation. Polymer Engineering and Science, 2020, 60, 2061-2075.	3.1	299
42	Optimization of process parameters of anodic aluminium oxide using an orthogonal array technique for thermal management applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 18706-18720.	2.2	1
43	Solvent mediated dispersion of carbon nanotubes for glass fibre surface modification â€“ Suspensions stability and its effects on mechanical, interlaminar and dynamic mechanical properties of modified glass fibre reinforced epoxy laminates. Composites Part A: Applied Science and Manufacturing, 2020, 139, 106091.	7.6	11
44	Effect of Formulation Variables on the Performance of Doxycycline-Loaded PLA Microsphere. Arabian Journal for Science and Engineering, 2020, 45, 7419-7428.	3.0	4
45	Development and fabrication of highly flexible, stretchable, and sensitive strain sensor for long durability based on silver nanoparticlesâ€“polydimethylsiloxane composite. Journal of Materials Science: Materials in Electronics, 2020, 31, 11897-11910.	2.2	21
46	A review on advanced carbon-based thermal interface materials for electronic devices. Carbon, 2020, 168, 65-112.	10.3	107
47	Palm kernel oil polyol based shape memory polyurethane: effect of polycaprolactone and polyethylene glycol as soft segment. Materials Research Express, 2020, 7, 025704.	1.6	12
48	Enhancement of carbonate apatite scaffold properties with surface treatment and alginate and gelatine coating. Journal of Porous Materials, 2020, 27, 831-842.	2.6	5
49	Synthesis and analysis of anodic aluminum oxide-nanopore structure on Al substrates for efficient thermal management in electronic packaging. Journal of Materials Science: Materials in Electronics, 2020, 31, 9641-9649.	2.2	10
50	Characterization of discarded fruit waste as substitute for harmful synthetic fiber-reinforced polymer composites. Journal of Materials Science, 2020, 55, 8513-8525.	3.7	30
51	Oxidative induction and performance of oil palm fiber reinforced polypropylene composites â€“ Effects of coupling agent and UV stabilizer. Composites Part A: Applied Science and Manufacturing, 2019, 125, 105577.	7.6	17
52	Synthesis and Characterization of Graphene-Based Inks for Spray-Coating Applications. Journal of Electronic Materials, 2019, 48, 5757-5770.	2.2	10
53	Performance of graphene hybrid-based ink for flexible electronics. Journal of Materials Science: Materials in Electronics, 2019, 30, 19906-19916.	2.2	4
54	Performance of poly(vinyl alcohol) nanocomposite reinforced with hybrid TEMPO mediated cellulose-graphene filler. Polymer Testing, 2019, 80, 106140.	4.8	13

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55	Enhanced performance of lightweight kenaf-based hierarchical composite laminates with embedded carbon nanotubes. Materials and Design, 2019, 171, 107710.	7.0	29
56	Morphology and thermal stability of various types of carbon nanoparticles for conductive ink applications. AIP Conference Proceedings, 2019, , .	0.4	0
57	Recent Development of Graphene-Based Ink and Other Conductive Material-Based Inks for Flexible Electronics. Journal of Electronic Materials, 2019, 48, 3428-3450.	2.2	71
58	Effect of electrolytes and sonication times on the formation of graphene using an electrochemical exfoliation process. Applied Surface Science, 2019, 469, 951-961.	6.1	70
59	Tensile properties prediction of natural fibre composites using rule of mixtures: A review. Journal of Reinforced Plastics and Composites, 2019, 38, 211-248.	3.1	47
60	Properties of nanofillers/crosslinked polyethylene composites for cable insulation. Journal of Vinyl and Additive Technology, 2019, 25, E147-E154.	3.4	15
61	Multi-walled carbon nanotubes buckypaper/epoxy composites: effect of loading and pressure on tensile and electrical properties. Polymer Bulletin, 2019, 76, 2801-2817.	3.3	18
62	Preparation of carbonate apatite scaffolds using different carbonate solution and soaking time. Processing and Application of Ceramics, 2019, 13, 139-148.	0.8	4
63	Approaches to Improve Therapeutic Efficacy of Biodegradable PLA/PLGA Microspheres: A Review. Polymer Reviews, 2018, 58, 495-536.	10.9	62
64	Enhancement of thermal and electrical conductivities of cyanoacrylate by addition of carbon based nanofillers. Journal of Materials Science: Materials in Electronics, 2018, 29, 9861-9870.	2.2	1
65	A review of thermoplastic elastomeric nanocomposites for high voltage insulation applications. Polymer Engineering and Science, 2018, 58, E36.	3.1	53
66	Effect of electron beam irradiation on dielectric properties, morphology and melt rheology of linear low density polyethylene/silicone rubberâ€based thermoplastic elastomer nanocomposites. Polymer Engineering and Science, 2018, 58, E135.	3.1	9
67	Linear low-density polyethylene/silicone rubber nanocomposites. Journal of Elastomers and Plastics, 2018, 50, 36-57.	1.5	6
68	Recycled polypropylene/peanut shell powder (RPP/PSP) composites: Property comparison before and after electron beam irradiation. Polymer Composites, 2018, 39, 3048-3056.	4.6	12
69	Breakdown characteristics of grafted polypropylene in PP/EPDM hybrid nanocomposite for electrical insulator applications. Polymer Bulletin, 2018, 75, 2529-2542.	3.3	5
70	Preparation and properties of amine functionalized graphene filled epoxy thin film nano composites for electrically conductive adhesive. Journal of Materials Science: Materials in Electronics, 2018, 29, 3160-3169.	2.2	13
71	Effect of black ink loading on the properties of multi-walled carbon nanotubes/glass fibre/epoxy laminated hybrid composites. Polymer Bulletin, 2018, 75, 3357-3375.	3.3	6
72	Effect of chitosan concentration on the properties of PLA/Î²-TCP scaffold produced by combination of solvent casting and salt leaching techniques. Journal of Physics: Conference Series, 2018, 1082, 012073.	0.4	1

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73	Electrical Tree Propagation in XLPE Containing Untreated and Treated Silica Nanofiller. , 2018, , .		1
74	Techniques for fabrication and construction of three-dimensional bioceramic scaffolds: Effect on pores size, porosity and compressive strength. Ceramics International, 2018, 44, 18400-18407.	4.8	28
75	A study of the degradation of compatibilized and uncompatibilized peanut shell powder/recycled polypropylene composites due to natural weathering. Journal of Vinyl and Additive Technology, 2017, 23, 290-297.	3.4	12
76	Î²-cyclodextrin as a Partial Replacement of Phosphorus Flame Retardant for Poly(Lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Polymer-Plastics Technology and Engineering, 2017, 56, 1680-1694.	1.9	9
77	Hierarchical bioceramic scaffold for tissue engineering: A review. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 877-890.	3.4	6
78	Initial growth study of TiO 2 nanotube arrays anodised in KOH/fluoride/ethylene glycol electrolyte. Materials and Design, 2017, 128, 195-205.	7.0	19
79	Effects of Silver Microparticles and Nanoparticles on Thermal and Electrical Characteristics of Electrically Conductive Adhesives. Journal of Electronic Materials, 2017, 46, 6727-6735.	2.2	14
80	One-step synthesis of conductive graphene/polyaniline nanocomposites using sodium dodecylbenzenesulfonate: preparation and properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 18418-18428.	2.2	11
81	Mechanical, electrical and thermal properties of multi-walled carbon nanotubes/epoxy composites: effect of post-processing techniques and filler loading. Polymer Bulletin, 2017, 74, 2513-2533.	3.3	14
82	Graphene nanoparticle dispersion in epoxy thin film composites for electronic applications: effect on tensile, electrical and thermal properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 808-817.	2.2	14
83	Physico-Mechanical Properties of HA/TCP Pellets and Their Three-Dimensional Biological Evaluation In Vitro. Advances in Experimental Medicine and Biology, 2017, 1084, 1-15.	1.6	8
84	Thermal conductivity behavior of oil palm/jute fibre-reinforced hybrid composites. AIP Conference Proceedings, 2017, , .	0.4	3
85	Recycled Polypropylene/Peanut Shell Powder Composites: Pre-Treatment of Lignin Using Alkaline Peroxide. BioResources, 2016, 11, .	1.0	12
86	Properties of treated calcium copper titanate filled epoxy thin film composites for electronic applications. Journal of Applied Polymer Science, 2016, 133, .	2.6	9
87	Formation of TiO2 nanotube arrays by anodic oxidation in LiOH added ethylene glycol electrolyte and the effect of thermal annealing on the photoelectrochemical properties. AIP Conference Proceedings, 2016, , .	0.4	1
88	Utilization of Polyvinyl Alcohol on Properties of Recycled Polypropylene/Peanut Shell Powder Composites. Procedia Chemistry, 2016, 19, 763-769.	0.7	15
89	Thermal and Flame Resistant Properties of Poly (Lactic Acid)/Poly (Methyl Methacrylate) Blends Containing Halogen-free Flame Retardant. Procedia Chemistry, 2016, 19, 795-802.	0.7	17
90	Effect of selective localization on dielectric properties of boron nitride nanofiller filled linear low density polyethylene (LLDPE)/silicone rubber (SR) blends. Polymer Testing, 2016, 56, 131-139.	4.8	12

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91	Particle Dispersion Model for Predicting the Percolation Threshold of Nano-Silver Composite. Arabian Journal for Science and Engineering, 2016, 41, 2363-2376.	1.1	2
92	Development of particle dispersion technique for hybrid size conductivity model. Asia-Pacific Journal of Chemical Engineering, 2016, 11, 124-139.	1.5	1
93	Thermoâ€physical, thermal degradation, and flexural properties of betel nut husk fiber reinforced vinyl ester composites. Polymer Composites, 2016, 37, 2008-2017.	4.6	13
94	Enhancement of Thermal Conductivity of Cyanoacrylate with Different Types of Nanofillers and Loading. Procedia Chemistry, 2016, 19, 835-841.	0.7	7
95	Predicting the RVE size of micro-particle composite for electrical purpose using particles dispersion developed. Microsystem Technologies, 2016, 22, 287-296.	2.0	0
96	Impact behaviour of woven coir-epoxy composite: Effects of woven density and woven fabric treatment. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2016, 230, 240-251.	1.1	3
97	Fabrication and characterization of porous Î²-tricalcium phosphate scaffolds coated with alginate. Ceramics International, 2016, 42, 5141-5147.	4.8	23
98	Laminate Design of Lightweight Glass Fiber Reinforced Epoxy Composite for Electrical Transmission Structure. Procedia Chemistry, 2016, 19, 871-878.	0.7	12
99	Properties of nano-sized synthetic diamond and boron nitride filled different types of epoxy resin. Journal of Materials Science: Materials in Electronics, 2016, 27, 245-254.	2.2	0
100	Mild functionalization of carbon nanotubes filled epoxy composites: Effect on electromagnetic interferences shielding effectiveness. Journal of Applied Polymer Science, 2015, 132, .	2.6	11
101	Electrical tree characteristics with the addition of alumina in silicone rubber. , 2015, , .		6
102	Dielectric and thermal properties of CCTO/epoxy composites for embedded capacitor applications: mixing and fabrication methods. Journal of Materials Science: Materials in Electronics, 2015, 26, 8118-8129.	2.2	14
103	Nano-sized boron nitride epoxy composites for underfill application: effect of diluent and filler loading. Journal of Materials Science: Materials in Electronics, 2015, 26, 774-783.	2.2	7
104	Investigation on dielectric strength of alumina nanofiller with SiR/EPDM composites for HV insulator. , 2015, , .		15
105	Dielectric properties and thermal properties of calcium copper titanate and barium titanate hybrid fillers filled epoxy thin film composites for electronic packaging applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 6245-6251.	2.2	6
106	Particle Arrangement Design for Predicting the Percolation Threshold of Silver/Epoxy Composite for Electrically Conductive Adhesive Application. Journal of Electronic Materials, 2015, 44, 4525-4532.	2.2	1
107	The Effects of Modifying Peanut Shell Powder with Polyvinyl Alcohol on the Properties of Recycled Polypropylene and Peanut Shell Powder Composites. BioResources, 2014, 9, .	1.0	21
108	Properties of calcium copper titanate and barium titanate filled epoxy composites for electronic applications: effect of filler loading and hybrid fillers. Journal of Materials Science: Materials in Electronics, 2014, 25, 4923-4932.	2.2	16

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109	Silane treatment of magnetite filler and its effect on the properties of magnetite-filled epoxy thin-film composites. Polymer Bulletin, 2014, 71, 3333-3346.	3.3	9
110	Single and hybrid mineral fillers (talc/silica and talc/calcium carbonate)â€filled polypropylene composites: Effects of filler loading and ratios. Journal of Vinyl and Additive Technology, 2014, 20, 160-167.	3.4	10
111	Optimization of magnetic and dielectric properties of surface-treated magnetite-filled epoxy composites by factorial design. Journal of Magnetism and Magnetic Materials, 2014, 355, 319-324.	2.3	10
112	Properties of graphene nanopowder and multi-walled carbon nanotube-filled epoxy thin-film nanocomposites for electronic applications: The effect of sonication time and filler loading. Composites Part A: Applied Science and Manufacturing, 2014, 58, 77-83.	7.6	111
113	Dielectric and thermal properties of flame retardant fillers in polypropylene/ethylene propylene diene monomer composites. Journal of Reinforced Plastics and Composites, 2014, 33, 1931-1940.	3.1	10
114	Electrical insulation characteristics of alumina, titania, and organoclay nanoparticles filled PP/EPDM nanocomposites. Journal of Applied Polymer Science, 2014, 131, .	2.6	21
115	Tensile, dielectric, and thermal properties of epoxy composites filled with silica, mica, and calcium carbonate. Journal of Materials Science: Materials in Electronics, 2014, 25, 2111-2119.	2.2	33
116	Effects of hybrid fillers based on micro- and nano-sized silver particles on the electrical performance of epoxy composites. Journal of Materials Science: Materials in Electronics, 2013, 24, 1523-1529.	2.2	20
117	Characterization of the Microstructure and Mode I Fracture Property of Biodegradable Poly(L-lactic) Tj ETQq1 1 0.784314 rgBT /Overl Technology and Engineering, 2013, 52, 768-773.	1.9	13
118	Electrical treeing initiation and propagation in silicone rubber nanocomposites. , 2013, , .		3
119	Silver-filled epoxy composites: effect of hybrid and silane treatment on thermal properties. Polymer Bulletin, 2013, 70, 311-323.	3.3	15
120	Effect of hybrid nanofillers on the thermal, mechanical, and physical properties of polypropylene composites. Polymer Bulletin, 2013, 70, 871-884.	3.3	17
121	Effect of Peanut Shell Powder Content on the Properties of Recycled Polypropylene (RPP)/ Peanut Shell Powder (PSP) Composites. BioResources, 2013, 8, .	1.0	26
122	Thermal and flame properties of calcium borate and intumescent ammonium polyphosphate in epoxy/glass fiber composites. Journal of Fire Sciences, 2012, 30, 428-436.	2.0	10
123	Effect of processing methods and functional groups on the properties of multi-walled carbon nanotube filled poly(dimethyl siloxane) composites. Polymer Bulletin, 2012, 69, 937-953.	3.3	33
124	Thermal stability and electrical behavior of polydimethylsiloxane nanocomposites with carbon nanotubes and carbon black fillers. Journal of Composite Materials, 2012, 46, 903-910.	2.4	66
125	Thermal properties and moisture absorption of nanofillersâ€filled epoxy composite thin film for electronic application. Polymers for Advanced Technologies, 2012, 23, 1620-1627.	3.2	14
126	Polypropylene/natural rubber composites filled with recycled newspaper: Effect of chemical treatment using maleic anhydrideâ€grafted polypropylene and 3â€aminopropyltriethoxysilane. Polymer Composites, 2012, 33, 609-618.	4.6	17

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127	Mechanical and thermal properties of polymethylmethacrylate bone cement composites incorporated with hydroxyapatite and glassâ€ceramic fillers. Journal of Applied Polymer Science, 2012, 125, E661.	2.6	26
128	Properties of synthetic diamond and graphene nanoplatelet-filled epoxy thin film composites for electronic applications. Journal of Materials Science: Materials in Electronics, 2012, 23, 817-824.	2.2	46
129	Fabrication and characterization of nano filler-filled epoxy composites for underfill application. Journal of Materials Science: Materials in Electronics, 2012, 23, 1293-1299.	2.2	17
130	Effect of secondary forces in the compatibility of two incompatible biodegradable polymers. Polymer Bulletin, 2012, 69, 455-469.	3.3	4
131	Evaluation of the flexural properties and bioactivity of bioresorbable PLLA/PBSL/CNT and PLLA/PBSL/TiO2 nanocomposites. Composites Part B: Engineering, 2012, 43, 1374-1381.	12.0	19
132	Properties of spin coated epoxy/silica thin film composites: Effect of nano- and micron-size fillers. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1432-1437.	7.6	23
133	Effects of filler shape and size on the properties of silver filled epoxy composite for electronic applications. Journal of Materials Science: Materials in Electronics, 2011, 22, 56-63.	2.2	57
134	Effect of different types of silver and epoxy systems on the properties of silver/epoxy conductive adhesives. Journal of Materials Science: Materials in Electronics, 2011, 22, 757-764.	2.2	32
135	Changes in the crystallinity and mechanical properties of poly(l-lactic acid)/poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.3	22
136	Effect of PEOâ€PPOâ€PEO copolymer on the mechanical and thermal properties and morphological behavior of biodegradable poly (Lâ€lactic acid) (PLLA) and poly (butylene succinateâ€coâ€Lâ€lactate) (PBSL) blends. Polymers for Advanced Technologies, 2011, 22, 1786-1793.	3.2	13
137	Effect of filler surface treatment on mechanical properties and thermal properties of single and hybrid fillerâ€"filled PP composites. Journal of Applied Polymer Science, 2011, 120, 857-865.	2.6	15
138	Effects of the size and filler loading on the properties of copperâ€and silverâ€nanoparticleâ€filled epoxy composites. Journal of Applied Polymer Science, 2011, 121, 3145-3152.	2.6	51
139	Properties of epoxy nanocomposite thin films prepared by spin coating technique. Journal of Plastic Film and Sheeting, 2011, 27, 331-346.	2.2	19
140	Effects of types of fillers and filler loading on the properties of silicone rubber composites. Journal of Reinforced Plastics and Composites, 2011, 30, 1087-1096.	3.1	51
141	Effect of ultrasonication medium on the properties of copper nanoparticle-filled epoxy composite for electrical conductive adhesive (ECA) application. Journal of Materials Science: Materials in Electronics, 2010, 21, 772-778.	2.2	22
142	Effects of surface-functionalized multi-walled carbon nanotubes on the properties of poly(dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.8	94
143	Characterization of microstructure and mechanical properties of biodegradable polymer blends of poly(<scp>L</scp>â€lactic acid) and poly(butylene succinateâ€coâ€ûâ€caprolactone) with lysine triisocyanate. Polymer Engineering and Science, 2010, 50, 1485-1491.	3.1	7
144	Mechanical properties of particulateâ€filler/wovenâ€glassâ€fabricâ€filled vinyl ester composites. Journal of Vinyl and Additive Technology, 2010, 16, 98-104.	3.4	19

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145	The Properties of Polymethyl Methacrylate (PMMA) Bone Cement Filled with Titania and Hydroxyapatite Fillers. Polymer-Plastics Technology and Engineering, 2010, 49, 1163-1171.	1.9	8
146	Halogen free flame retardants for Epoxy substrate in electronic applications. , 2010, , .		0
147	Fabrication of silica/epoxy thin film composite for electronic packaging application. , 2010, , .		1
148	Effect of single-mineral filler and hybrid-mineral filler additives on the properties of polypropylene composites. Journal of Vinyl and Additive Technology, 2009, 15, 20-28.	3.4	33
149	Comparison on the Properties of Nickel-Coated Graphite (NCG) and Graphite Particles as Conductive Fillers in Polypropylene (PP) Composites. Polymer-Plastics Technology and Engineering, 2009, 48, 614-620.	1.9	13
150	Value adding limestone to filler grade through an ultra-fine grinding process in jet mill for use in plastic industries. Minerals Engineering, 2009, 22, 695-703.	4.3	20
151	Characterization of the mechanical and thermal properties and morphological behavior of biodegradable poly(<scp>L</scp>â€lactide)/poly(Ìµâ€caprolactone) and poly(<scp>L</scp>â€lactide)/poly(butylene succinateâ€coâ€<scp>L</scp>â€lactate) polymeric blends. Journal of Applied Polymer Science, 2009, 114, 1784-1792.	2.6	116
152	Effects of lysine triisocyanate on the mode I fracture behavior of polymer blend of poly (l-lactic acid) and poly (butylene succinate-co-l-lactate). Journal of Materials Science, 2009, 44, 3006-3009.	3.7	33
153	Effect of Polymethyl Methacrylate (PMMA) Powder to Liquid Monomer (P/L) Ratio and Powder Molecular Weight on the Properties of PMMA Cement. Polymer-Plastics Technology and Engineering, 2009, 48, 554-560.	1.9	14
154	OS1006 Effect of LTI on the microstructure and mechanical properties of biodegradable PLLA/PBSC blend. The Proceedings of the Materials and Mechanics Conference, 2009, 2009, 637-638.	0.0	0
155	Effect of curing agent on the properties of mineral silica filled epoxy composites. Polymer Composites, 2008, 29, 27-36.	4.6	17
156	Effects of the filler loading and aging time on the mechanical and electrical conductivity properties of carbon black filled natural rubber. Journal of Applied Polymer Science, 2008, 110, 747-752.	2.6	30
157	Effect of structural changes of silica filler on the coefficient of thermal expansion (CTE) of underfill encapsulant. Powder Technology, 2008, 185, 54-57.	4.2	17
158	Effect of particle shape of silica mineral on the properties of epoxy composites. Composites Science and Technology, 2008, 68, 346-353.	7.8	123
159	The Properties of Woven Kenaf and Betel Palm (Areca catechu) Reinforced Unsaturated Polyester Composites. Polymer-Plastics Technology and Engineering, 2008, 47, 1193-1199.	1.9	43
160	Prediction studies on percolation threshold behaviour of silver filled epoxy composite for electrically conductive adhesives applications. , 2008, , .		2
161	Hybridâ€filler filled polypropylene/(natural rubber) composites: Effects of natural weathering on mechanical and thermal properties and morphology. Journal of Vinyl and Additive Technology, 2008, 14, 142-151.	3.4	13
162	Properties of Aluminium and Zinc-Filled Natural Rubber Composites. Polymer-Plastics Technology and Engineering, 2007, 46, 667-674.	1.9	10

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