Veena N Choudhary

List of Publications by Citations

189 papers	7,000 citations	44 h-index	76 g-index
190 ext. papers	7,664 ext. citations	3.9 avg, IF	6.35 L-index

#	Paper	IF	Citations
189	Polyaniline–MWCNT nanocomposites for microwave absorption and EMI shielding. *Materials Chemistry and Physics*, **2009**, 113, 919-926	4.4	529
188	Adhesives and plastics based on soy protein products. *Industrial Crops and Products*, **2002**, 16, 155-172	5.9	359
187	Improved Electromagnetic Interference Shielding Response of Poly(aniline)-Coated Fabrics Containing Dielectric and Magnetic Nanoparticles. *Journal of Physical Chemistry C*, **2012**, 116, 13403-13412	4.8	285
186	Enhanced microwave absorption behavior of polyaniline-CNT/polystyrene blend in 12.4–18.0GHz range. *Synthetic Metals*, **2011**, 161, 1522-1526	3.6	234
185	High permittivity polyaniline-barium titanate nanocomposites with excellent electromagnetic interference shielding response. *Nanoscale*, **2013**, 5, 4330-6	7.7	201
184	SPR based fibre optic ammonia gas sensor utilizing nanocomposite film of PMMA/reduced graphene oxide prepared by in situ polymerization. *Sensors and Actuators B: Chemical*, **2014**, 199, 190-200	8.5	188
183	Electromagnetic interference shielding behavior of poly(trimethylene terephthalate)/multi-walled carbon nanotube composites. *Composites Science and Technology*, **2011**, 71, 1563-1568	8.6	165
182	Barium ferrite decorated reduced graphene oxide nanocomposite for effective electromagnetic interference shielding. *Physical Chemistry Chemical Physics*, **2015**, 17, 1610-8	3.6	150
181	Excellent electromagnetic interference shielding and mechanical properties of high loading carbon-nanotubes/polymer composites designed using melt recirculation equipped twin-screw extruder. *Carbon*, **2015**, 89, 308-317	10.4	137
180	Graphene nanoplatelets/carbon nanotubes/polyurethane composites as efficient shield against electromagnetic polluting radiations. *Composites Part B: Engineering*, **2017**, 120, 118-127	10	129
179	The effect of composition of poly(acrylic acid)-gelatin hydrogel on gentamicin sulphate release: in vitro. *Biomaterials*, **2003**, 24, 527-36	15.6	129
178	Electrical and mechanical properties of PMMA/reduced graphene oxide nanocomposites prepared via in situ polymerization. *Journal of Materials Science*, **2013**, 48, 6223-6232	4.3	124
177	Microstructural and mechanical properties of porous biocomposite scaffolds based on polyvinyl alcohol, nano-hydroxyapatite and cellulose nanocrystals. *Cellulose*, **2014**, 21, 3409-3426	5.5	103
176	Designing of carbon nanotube/polymer composites using melt recirculation approach: Effect of aspect ratio on mechanical, electrical and EMI shielding response. *Materials and Design*, **2015**, 88, 269-277	8.1	98
175	Electromagnetic interference shielding behavior of polyaniline/graphite composites prepared by in situ emulsion pathway. *Journal of Applied Polymer Science*, **2009**, 113, 3146-3155	2.9	98
174	Synergistic effect of graphene/multiwalled carbon nanotube hybrid fillers on mechanical, electrical and EMI shielding properties of polycarbonate/ethylene methyl acrylate nanocomposites. *Composites Part B: Engineering*, **2019**, 159, 378-388	10	97
173	Enhanced electromagnetic interference shielding effectiveness of polyaniline functionalized carbon nanotubes filled polystyrene composites. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	94

172	Electrical conductivity and shielding effectiveness of poly(trimethylene terephthalate)/multiwalled carbon nanotube composites. *Journal of Materials Science*, **2011**, 46, 6416-6423	4.3	93
171	Surface Plasmon Resonance-Based Fiber Optic Methane Gas Sensor Utilizing Graphene-Carbon Nanotubes-Poly(Methyl Methacrylate) Hybrid Nanocomposite. *Plasmonics*, **2015**, 10, 1147-1157	2.4	92
170	Current Status of Unsaturated Polyester Resins. *Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics*, **2000**, 40, 139-165		89
169	Studies on biodegradation and release of gentamicin sulphate from interpenetrating network hydrogels based on poly(acrylic acid) and gelatin: in vitro and in vivo. *Biomaterials*, **2004**, 25, 139-46	15.6	86
168	Interpenetrating polymer networks based on poly(acrylic acid) and gelatin. I: Swelling and thermal behavior. *Journal of Applied Polymer Science*, **2001**, 82, 217-227	2.9	83
167	Synthesis and characterization of methylcellulose/PVA based porous composite. *Carbohydrate Polymers*, **2012**, 88, 1364-1372	10.3	76
166	Flame-Retarding Plastics and Elastomers with Melamine. *Journal of Fire Sciences*, **1995**, 13, 104-126	1.5	74
165	Effect of clay content and clay/surfactant on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. *Journal of Polymer Research*, **2011**, 18, 843-857	2.7	68
164	Enhanced microwave shielding and mechanical properties of high loading MWCNT-epoxy composites. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	67
163	Interpenetrating polymer network (IPN) nanogels based on gelatin and poly(acrylic acid) by inverse miniemulsion technique: synthesis and characterization. *Colloids and Surfaces B: Biointerfaces*, **2011**, 83, 204-13	6	66
162	FLAME RETARDING EPOXIES WITH PHOSPHORUS. *Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics*, **2002**, 42, 139-183		66
161	Electrical properties and EMI shielding behavior of highly thermally stable polyaniline/colloidal graphite composites. *Polymers for Advanced Technologies*, **2009**, 20, 355-361	3.2	65
160	Tailored graphene based polyurethane composites for efficient electrostatic dissipation and electromagnetic interference shielding applications. *RSC Advances*, **2015**, 5, 97349-97358	3.7	63
159	Improved microwave absorption and electrostatic charge dissipation efficiencies of conducting polymer grafted fabrics prepared via in situ polymerization. *Polymers for Advanced Technologies*, **2012**, 23, 343-349	3.2	62
158	A review on the mechanical, electrical and EMI shielding properties of carbon nanotubes and graphene reinforced polycarbonate nanocomposites. *Polymers for Advanced Technologies*, **2018**, 29, 1547-1567	3.2	61
157	Solvent Free, Efficient, Industrially Viable, Fast Dispersion Process Based Amine Modified MWCNT Reinforced Epoxy Composites Of Superior Mechanical Properties. *Advanced Materials Letters*, **2015**, 6, 104-113	2.4	58
156	ROP and ATRP Fabricated Dual Targeted Redox Sensitive Polymersomes Based on pPEGMA-PCL-ss-PCL-pPEGMA Triblock Copolymers for Breast Cancer Therapeutics. *ACS Applied Materials & Interfaces*, **2015**, 7, 9211-27	9.5	57
155	Banana fiber-reinforced biodegradable soy protein composites. *Frontiers of Chemistry in China: Selected Publications From Chinese Universities*, **2008**, 3, 243-250		56

154	A study of new anhydrous, conducting membranes based on composites of aprotic ionic liquid and cross-linked SPEEK for fuel cell application. *Electrochimica Acta*, **2015**, 152, 352-359	6.7	55
153	Effect of length of carbon nanotubes on electromagnetic interference shielding and mechanical properties of their reinforced epoxy composites. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	52
152	Antimicrobial poly(methacrylamide) derivatives prepared via aqueous RAFT polymerization exhibit biocidal efficiency dependent upon cation structure. *Biomacromolecules*, **2012**, 13, 2472-82	6.9	51
151	Studies on toughened polycarbonate/multiwalled carbon nanotubes nanocomposites. *Composites Part B: Engineering*, **2017**, 124, 101-110	10	50
150	Antimicrobial Peptide Mimicking Primary Amine and Guanidine Containing Methacrylamide Copolymers Prepared by Raft Polymerization. *Biomacromolecules*, **2015**, 16, 3845-52	6.9	47
149	Enzymatically-modified soy protein part 2: adhesion behaviour. *Journal of Adhesion Science and Technology*, **2004**, 18, 261-273	2	47
148	Structural details, electrical properties, and electromagnetic interference shielding response of processable copolymers of aniline. *Journal of Materials Science*, **2013**, 48, 797-804	4.3	45
147	Ultrasensitive QRS made by supramolecular assembly of functionalized cyclodextrins and graphene for the detection of lung cancer VOC biomarkers. *Journal of Materials Chemistry B*, **2014**, 2, 6571-6579	7.3	44
146	Preparation and in vitro evaluation of folate-receptor-targeted SPION-polymer micelle hybrids for MRI contrast enhancement in cancer imaging. *Nanotechnology*, **2013**, 24, 015603	3.4	44
145	Enhanced microwave shielding and mechanical properties of multiwall carbon nanotubes anchored carbon fiber felt reinforced epoxy multiscale composites. *Applied Nanoscience (Switzerland)*, **2014**, 4, 421-428	3.3	43
144	Effect of functionality of polyhedral oligomeric silsesquioxane [POSS] on the properties of sulfonated poly(ether ether ketone) [SPEEK] based hybrid nanocomposite proton exchange membranes for fuel cell applications. *International Journal of Hydrogen Energy*, **2013**, 38, 12817-12829	6.7	42
143	Designing of epoxy composites reinforced with carbon nanotubes grown carbon fiber fabric for improved electromagnetic interference shielding. *AIP Advances*, **2012**, 2, 022151	1.5	42
142	Thermal properties and degradation characteristics of polylactide, linear low density polyethylene, and their blends. *Polymer Bulletin*, **2011**, 66, 939-953	2.4	40
141	Selective polydimethylsiloxane/polyimide blended IPN pervaporation membrane for methanol/toluene azeotrope separation. *Separation and Purification Technology*, **2011**, 76, 407-418	8.3	40
140	EMI shielding response of polypyrrole-MWCNT/polyurethane composites. *Synthetic Metals*, **2020**, 266, 116414	3.6	39
139	Study on the compatibility of unbleached and bleached bamboo-fiber with LLDPE matrix. *Journal of Thermal Analysis and Calorimetry*, **2010**, 102, 751-761	4.1	38
138	Conducting polymer coated textile based multilayered shields for suppression of microwave radiations in 8.2–12.4 GHz range. *Journal of Applied Polymer Science*, **2013**, 129, 2832-2839	2.9	36
137	High-density polyethylene/halloysite nanocomposites: morphology and rheological behaviour under extensional and shear flow. *Journal of Polymer Research*, **2016**, 23, 1	2.7	35

136	Folic acid and trastuzumab conjugated redox responsive random multiblock copolymeric nanocarriers for breast cancer therapy: In-vitro and in-vivo studies. *Colloids and Surfaces B: Biointerfaces*, **2017**, 149, 369-378	6	34
135	Synthesis and characterization of stimuli-sensitive micro- and nanohydrogels based on photocrosslinkable poly(dimethylaminoethyl methacrylate). *Journal of Polymer Science Part A*, **2007**, 45, 669-679	2.5	34
134	Studies on the curing and thermal behaviour of DGEBA in the presence of bis(4-carboxyphenyl) dimethyl silane. *Polymer International*, **2003**, 52, 908-917	3.3	34
133	Review: A review: polystyrene/clay nanocomposites. *Journal of Reinforced Plastics and Composites*, **2011**, 30, 446-459	2.9	32
132	Influence of self-doped poly(aniline-co-4-amino-3-hydroxy-naphthalene-1-sulfonic acid) on corrosion inhibition behaviour of iron in acidic medium. *Synthetic Metals*, **2011**, 161, 753-762	3.6	31
131	Studies on novel heat treated sulfonated poly(ether ether ketone) [SPEEK]/diol membranes for fuel cell applications. *International Journal of Hydrogen Energy*, **2011**, 36, 8525-8535	6.7	31
130	Mechanical properties and morphology of polylactide, linear low-density polyethylene, and their blends. *Journal of Applied Polymer Science*, **2010**, 118, 496-502	2.9	31
129	Superior EMI shielding performance of thermally stable carbon nanofiber/poly(ether-ketone) composites in 26.5–40 GHz frequency range. *Journal of Materials Science*, **2016**, 51, 9705-9715	4.3	31
128	Multi walled carbon nanotubes induced viscoelastic response of polypropylene copolymer nanocomposites: Effect of filler loading on rheological percolation. *Polymer Testing*, **2016**, 55, 1-9	4.5	30
127	Synthesis and characterization of poly(N-isopropylacrylamide) films by photopolymerization. *Polymers for Advanced Technologies*, **2006**, 17, 186-192	3.2	29
126	Synthesis and characterization of proccessible polyaniline derivatives for corrosion inhibition. *Journal of Applied Polymer Science*, **2009**, 111, 2328-2339	2.9	28
125	Studies on the copolymerization of methyl methacrylate and N-aryl maleimides. *Journal of Applied Polymer Science*, **1996**, 62, 707-712	2.9	28
124	Sulfonated poly(ether ether ketone) [SPEEK] nanocomposites based on hybrid nanocarbons for the detection and discrimination of some lung cancer VOC biomarkers. *Journal of Materials Chemistry B*, **2017**, 5, 348-359	7.3	26
123	Microwave shielding behaviour of polypyrrole impregnated fabrics. *Composites Part B: Engineering*, **2019**, 175, 107093	10	26
122	Novel anhydrous composite membranes based on sulfonated poly (ether ketone) and aprotic ionic liquids for high temperature polymer electrolyte membranes for fuel cell applications. *International Journal of Hydrogen Energy*, **2014**, 39, 12826-12834	6.7	26
121	Synthesis and characterization of butyl acrylate/methyl methacrylate/glycidyl methacrylate latexes. *Journal of Applied Polymer Science*, **2010**, 115, 549-557	2.9	25
120	Studies on curing and thermal behavior of diglycidyl ether of bisphenol-A and benzoxazine mixtures. *Journal of Applied Polymer Science*, **2007**, 106, 3327-3334	2.9	25
119	Effect of modified cellulose nanocrystals on microstructural and mechanical properties of polyvinyl alcohol/ovalbumin biocomposite scaffolds. *Materials Letters*, **2014**, 129, 61-64	3.3	24

118	Effect of Particle Size and Alkali Treatment of Sugarcane Bagasse on Thermal, Mechanical, and Morphological Properties of PVC-Bagasse Composites. *Journal of Reinforced Plastics and Composites*, **2010**, 29, 731-740	2.9	24
117	Influence of reaction conditions on the formation of nanotubes/nanoparticles of polyaniline in the presence of 1-amino-2-naphthol-4-sulfonic acid and applications as electrostatic charge dissipation material. *Polymer International*, **2009**, 58, 489-502	3.3	24
116	Pervaporation separation of organic azeotrope using poly(dimethyl siloxane)/clay nanocomposite membranes. *Separation and Purification Technology*, **2011**, 80, 435-444	8.3	24
115	Electromagnetic shielding and mechanical properties of thermally stable poly(ether ketone)/multi-walled carbon nanotube composites prepared using a twin-screw extruder equipped with novel fractional mixing elements. *RSC Advances*, **2016**, 6, 113781-113790	3.7	24
114	Polymer nanocomposite membranes based on sulfonated poly(ether ether ketone) and trisilanol phenyl POSS for fuel cell applications. *Journal of Applied Polymer Science*, **2010**, 118, 3013-3023	2.9	23
113	Methyl methacrylate–N-chlorophenyl maleimide copolymers: Effect of structure on properties. *Journal of Applied Polymer Science*, **1998**, 68, 527-534	2.9	22
112	Synthesis and characterization of sulfonated naphthalenic polyimides based on 4,4?-diaminodiphenylether-2,2?-disulfonic acid and bis[4-(4-aminophenoxy)phenylhexafluoropropane] for fuel cell applications. *European Polymer Journal*, **2009**, 45, 1467-1475	5.2	21
111	Enhancement of corrosion protection efficiency of iron by poly(aniline-co-amino-naphthol-sulphonic acid) nanowires coating in highly acidic medium. *Thin Solid Films*, **2010**, 519, 1031-1039	2.2	21
110	Synthesis of methyl methacrylate and N-aryl itaconimide block copolymers via atom-transfer radical polymerization. *Polymer International*, **2005**, 54, 823-828	3.3	21
109	Effect of multiwall carbon nanotubes on thermomechanical and electrical properties of poly(trimethylene terephthalate). *Journal of Applied Polymer Science*, **2012**, 123, 1548-1556	2.9	20
108	Sulfonated poly(ether ether ketone)/ethylene glycol/polyhedral oligosilsesquioxane hybrid membranes for fuel cell applications. *International Journal of Hydrogen Energy*, **2012**, 37, 5979-5991	6.7	20
107	Rheologic and mechanical properties of multiwalled carbon nanotubes-reinforced poly(trimethylene terephthalate) composites. *Journal of Materials Science*, **2013**, 48, 3347-3356	4.3	20
106	Studies on the copolymerization of methyl methacrylate with N-(o/m/p-chlorophenyl) itaconimides. *Journal of Applied Polymer Science*, **2001**, 82, 2078-2086	2.9	20
105	Tailoring of polypyrrole backbone by optimizing synthesis parameters for efficient EMI shielding properties in X-band (8.2–12.4 GHz). *Synthetic Metals*, **2016**, 222, 170-179	3.6	19
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103	Preparation, characterization, and thermal behavior of MMA–N-aryl maleimide copolymers. *Journal of Applied Polymer Science*, **1994**, 54, 2165-2170	2.9	19
102	pH- and Metal Ion- Sensitive Hydrogels based on N-[2-(dimethylaminoethyl)acrylamide]. *Polymers*, **2016**, 8,	4.5	19
101	Polyethylene/sepiolite clay nanocomposites: Effect of clay content, compatibilizer polarity, and molar mass on viscoelastic and dynamic mechanical properties. *Journal of Applied Polymer Science*, **2017**, 134, 45197	2.9	18

100	Detailed dynamic mechanical analysis of thermomechanically stable melt-processed PEKMWCNT nanocomposites. *Polymer Composites*, **2018**, 39, 2587-2596	3	18
99	Curing and thermal behavior of poly(allyl azide) and bismaleimides. *Journal of Applied Polymer Science*, **2006**, 101, 779-786	2.9	18
98	Synthesis and biological evaluation of dual functionalized glutathione sensitive poly(ester-urethane) multiblock polymeric nanoparticles for cancer targeted drug delivery. *Polymer Chemistry*, **2015**, 6, 7603-7617	4.9	17
97	Polyhedral oligomeric silsesquioxanepolyphenylsulfone nanocomposites: Investigation of the melt-flow enhancement, thermal behavior, and mechanical properties. *Journal of Applied Polymer Science*, **2011**, 121, 2945-2956	2.9	17
96	Receptor Specific Macrophage Targeting by Mannose-Conjugated Gelatin Nanoparticles- An In Vitro and In Vivo Study. *Current Nanoscience*, **2010**, 6, 413-421	1.4	17
95	Radiation synthesis of interpenetrating polymer networks based on N-vinyl pyrrolidone acrylic acid copolymer and gelatin. I. Swelling, morphology, and thermal characterization for biomedical applications. *Journal of Applied Polymer Science*, **2007**, 104, 1456-1463	2.9	17
94	Curing of epoxy resin using imide-amines. *Journal of Applied Polymer Science*, **2006**, 101, 3503-3510	2.9	17
93	Polypropylene random copolymer/MWCNT nanocomposites: Isothermal crystallization kinetics, structural, and morphological interpretations. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	16
92	Effect of Multiwalled Carbon Nanotubes on the Properties of Poly(methyl methacrylate) in PMMA/CNT Nanocomposites. *Macromolecular Symposia*, **2014**, 341, 75-89	0.8	16
91	Synthesis of PPP-b-PS block copolymers using a combination of Suzuki-polycondensation and nitroxide-mediated radical polymerization. *Polymer*, **2010**, 51, 5294-5303	3.9	16
90	Curing and thermal behavior of epoxy resin in the presence of silicon-containing amide amines. *Journal of Applied Polymer Science*, **2003**, 87, 1345-1353	2.9	16
89	Thermal characterization of diglycidyl ether of bisphenol-A/phosphorus containing amines. *Journal of Applied Polymer Science*, **2001**, 81, 390-395	2.9	16
88	Thermal and mechanical properties of copolymers of methyl methacrylate with N-phenyl maleimide. *Journal of Applied Polymer Science*, **1993**, 49, 31-38	2.9	16
87	Multiwalled carbon nanotubes reinforced poly (ether-ketone) nanocomposites: Assessment of rheological, mechanical, and electromagnetic shielding properties. *Polymers for Advanced Technologies*, **2018**, 29, 347-354	3.2	16
86	High-density polyethylene/needle-like sepiolite clay nanocomposites: effect of functionalized polymers on the dispersion of nanofiller, melt extensional and mechanical properties. *RSC Advances* , **2016**, 6, 59762-59774	3.7	15
85	Melt rheology and thermomechanical behavior of poly(methyl methacrylate)/reduced graphene oxide nanocomposites. *Polymers for Advanced Technologies*, **2015**, 26, 1558-1566	3.2	15
84	Studies on epoxy/calcium carbonate nanocomposites. *Journal of Applied Polymer Science*, **2009**, 114, 2161-2168	2.9	15
83	Studies on copolymerization of N-isopropylacrylamide with poly(ethylene glycol) methacrylate. *European Polymer Journal*, **2008**, 44, 2962-2970	5.2	15

82	Superior electrical, mechanical and electromagnetic interference shielding properties of polycarbonate/ethylene-methyl acrylate-in situ reduced graphene oxide nanocomposites. *Journal of Materials Science*, **2018**, 53, 16047-16061	4.3	14
81	Carbon Nanotubes and Their Composites **2013**,		14
80	I K Varma*. *Coloration Technology*, **2008**, 106, 388-394		14
79	Effect of structure of aromatic imide–amines on curing behavior and thermal stability of diglycidyl ether of bisphenol-A. *Journal of Applied Polymer Science*, **2008**, 107, 1946-1953	2.9	14
78	Copolymerization and thermal behavior of methyl methacrylate with N-(phenyl/p-tolyl) itaconimides. *Journal of Applied Polymer Science*, **2003**, 89, 1195-1202	2.9	14
77	Morphological studies and thermo-mechanical behavior of polypropylene/sepiolite nanocomposites. *Polymer Composites*, **2017**, 38, E285-E294	3	13
76	Fabrication of poly (vinyl alcohol)/ovalbumin/cellulose nanocrystals/nanohydroxyapatite based biocomposite scaffolds. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2016**, 65, 191-201	3	13
75	Evaluation of bisacrylate terminated epoxy resins as coatings. *Progress in Organic Coatings*, **2006**, 57, 223-228	4.8	13
74	Excellent impact strength of ethylene-methyl acrylate copolymer toughened polycarbonate. *RSC Advances*, **2015**, 5, 87589-87597	3.7	12
73	5-Sulfoisophthalic acid monolithium salt doped polypyrrole/multiwalled carbon nanotubes composites for EMI shielding application in X-band (8.2–12.4 GHz). *Journal of Applied Polymer Science*, **2017**, 134, 45370	2.9	12
72	EFFECT OF STRUCTURE ON THERMAL BEHAVIOR OF HOMOPOLYMERS AND COPOLYMERS OF ITACONIMIDES. *Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics*, **2001**, 41, 253-284		12
71	Interpenetrating polymer networks from hydroxy-terminated polybutadiene-based polyurethanes and poly(methyl methacrylate). *Journal of Applied Polymer Science*, **1993**, 50, 1075-1080	2.9	12
70	Development of functionalized quantum dot modified poly(vinyl alcohol) membranes for fuel cell applications. *RSC Advances*, **2016**, 6, 47536-47544	3.7	12
69	Studies on crosslinking and thermal behavior of phthalonitrile end-capped imide monomer in presence of aromatic amines. *Journal of Applied Polymer Science*, **2018**, 135, 46151	2.9	11
68	Enhancement in the thermomechanical properties of carbon fibre-carbon nanotubes-epoxy hybrid composites. *International Journal of Nanotechnology*, **2012**, 9, 1040	1.5	11
67	Conducting films of poly(aniline-co-1-amino- 2-naphthol-4-sulfonic acid) blended with LDPE for its application as antistatic encapsulation material. *Polymers for Advanced Technologies*, **2011**, 22, 1319-1328	2.2	11
66	Thermal and mechanical properties of copolymers of methyl methacrylate with N-aryl itaconimides. *Journal of Applied Polymer Science*, **2009**, 112, 1088-1095	2.9	11
65	Curing and thermal behavior of DGEBA in presence of dianhydrides and aromatic diamine. *Journal of Applied Polymer Science*, **2007**, 105, 3804-3808	2.9	11

64	Synthesis and characterization of bisitaconimides. I. *Journal of Applied Polymer Science*, **2002**, 84, 2277-2282	2.9	11
63	Multifunctional epoxy resins. *Journal of Applied Polymer Science*, **1993**, 49, 1751-1758	2.9	11
62	Thermomechanically stable dielectric composites based on poly(ether ketone) and BaTiO3 with improved electromagnetic shielding properties in X-band. *Journal of Applied Polymer Science*, **2018**, 135, 46413	2.9	10
61	Effect of multi-walled carbon nanotubes on mechanical and rheological properties of poly(trimethylene terephthalate). *Journal of Materials Science*, **2014**, 49, 3839-3846	4.3	10
60	Synergistic effect of copolymers composition on the electrochemical, thermal, and electrical behavior of 5-lithiosulphoisophthalic acid doped poly(aniline-co-2-isopropylaniline): synthesis, characterization, and applications. *Polymers for Advanced Technologies*, **2009**, 20, 1024-1034	3.2	10
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58	Methyl methacrylate/N-(o-/m-/p-chlorophenyl) itaconimide copolymers: Microstructure determination by NMR spectroscopy. *Journal of Applied Polymer Science*, **2004**, 91, 2016-2027	2.9	10
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56	Industrially viable technique for the preparation of HDPE/fly ash composites at high loading: Thermal, mechanical, and rheological interpretations. *Journal of Applied Polymer Science*, **2018**, 135, 45995	2.9	10
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54	Thermal degradation and physical aging of linear low density polyethylene and poly(l-lactic acid) blends. *Journal of Polymer Engineering*, **2012**, 32,	1.4	9
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51	Effect of sepiolite on nonisothermal crystallization kinetics of polypropylene. *Journal of Materials Science*, **2016**, 51, 9535-9550	4.3	9
50	Thermal and mechanical properties of poly(trimethyelene terephthalate)/acid-treated multiwalled carbon nanotube composites. *Journal of Materials Science*, **2013**, 48, 7063-7070	4.3	8
49	vQRS Based on Hybrids of CNT with PMMA-POSS and PS-POSS Copolymers to Reach the Sub-PPM Detection of Ammonia and Formaldehyde at Room Temperature Despite Moisture. *Chemosensors*, **2017**, 5, 22	4	8
48	Study on PVC composites containing Eugenia jambolana wood flour. *Journal of Applied Polymer Science*, **2008**, 107, 2171-2179	2.9	8
47	Methacrylate/acrylate terminated derivatives of diglycidyl hexahydrophthalate: Synthesis, structural, and thermal characterization. *Journal of Applied Polymer Science*, **2006**, 99, 2414-2420	2.9	8

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45	Comparative evaluation of residual monomer content and polymerization shrinkage of a packable composite and an ormocer. *Journal of Conservative Dentistry*, **2012**, 15, 161-5	0.9	8
44	Curing kinetics and thermal properties of imide containing phthalonitrile resin using aromatic amines. *Thermochimica Acta*, **2020**, 693, 178749	2.9	8
43	Growth of carbon nanotube filaments on carbon fiber cloth by catalytic chemical vapor deposition. *Applied Nanoscience (Switzerland)*, **2014**, 4, 997-1003	3.3	7
42	Isothermal crystallization kinetics of poly(trimethylene terephthalate)/multiwall carbon nanotubes composites. *Journal of Thermal Analysis and Calorimetry*, **2013**, 114, 643-651	4.1	7
41	Role of compatibilizer and processing method on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. *Journal of Reinforced Plastics and Composites*, **2013**, 32, 740-757	2.9	7
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38	Curing and thermal behaviour of epoxy resin in the presence of pyromellitic dianhydride and imidazole. *Journal of Applied Polymer Science*, **2007**, 106, 2593-2598	2.9	7
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