

Veena Choudhary

List of Publications by Year in descending order

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148
papers

7,037
citations

66234

42
h-index

66788

78
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148
all docs

148
docs citations

148
times ranked

7026
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyanilineâ€“MWCNT nanocomposites for microwave absorption and EMI shielding. <i>Materials Chemistry and Physics</i> , 2009, 113, 919-926.	2.0	615
2	Improved Electromagnetic Interference Shielding Response of Poly(aniline)-Coated Fabrics Containing Dielectric and Magnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13403-13412.	1.5	326
3	Enhanced microwave absorption behavior of polyaniline-CNT/polystyrene blend in 12.4â€“18.0GHz range. <i>Synthetic Metals</i> , 2011, 161, 1522-1526.	2.1	269
4	High permittivity polyanilineâ€“barium titanate nanocomposites with excellent electromagnetic interference shielding response. <i>Nanoscale</i> , 2013, 5, 4330.	2.8	245
5	SPR based fibre optic ammonia gas sensor utilizing nanocomposite film of PMMA/reduced graphene oxide prepared by in situ polymerization. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 190-200.	4.0	227
6	Electromagnetic interference shielding behavior of poly(trimethylene terephthalate)/multi-walled carbon nanotube composites. <i>Composites Science and Technology</i> , 2011, 71, 1563-1568.	3.8	195
7	Barium ferrite decorated reduced graphene oxide nanocomposite for effective electromagnetic interference shielding. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1610-1618.	1.3	184
8	Graphene nanoplatelets/carbon nanotubes/polyurethane composites as efficient shield against electromagnetic polluting radiations. <i>Composites Part B: Engineering</i> , 2017, 120, 118-127.	5.9	170
9	Excellent electromagnetic interference shielding and mechanical properties of high loading carbon-nanotubes/polymer composites designed using melt recirculation equipped twin-screw extruder. <i>Carbon</i> , 2015, 89, 308-317.	5.4	160
10	Electrical and mechanical properties of PMMA/reduced graphene oxide nanocomposites prepared via in situ polymerization. <i>Journal of Materials Science</i> , 2013, 48, 6223-6232.	1.7	155
11	Synergistic effect of graphene/multiwalled carbon nanotube hybrid fillers on mechanical, electrical and EMI shielding properties of polycarbonate/ethylene methyl acrylate nanocomposites. <i>Composites Part B: Engineering</i> , 2019, 159, 378-388.	5.9	145
12	Microstructural and mechanical properties of porous biocomposite scaffolds based on polyvinyl alcohol, nano-hydroxyapatite and cellulose nanocrystals. <i>Cellulose</i> , 2014, 21, 3409-3426.	2.4	135
13	Surface Plasmon Resonance-Based Fiber Optic Methane Gas Sensor Utilizing Graphene-Carbon Nanotubes-Poly(Methyl Methacrylate) Hybrid Nanocomposite. <i>Plasmonics</i> , 2015, 10, 1147-1157.	1.8	134
14	Enhanced electromagnetic interference shielding effectiveness of polyaniline functionalized carbon nanotubes filled polystyrene composites. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	116
15	A review on modified sugarcane bagasse biosorbent for removal of dyes. <i>Chemosphere</i> , 2021, 268, 129309.	4.2	113
16	Electromagnetic interference shielding behavior of polyaniline/graphite composites prepared by in situ emulsion pathway. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3146-3155.	1.3	110
17	Designing of carbon nanotube/polymer composites using melt recirculation approach: Effect of aspect ratio on mechanical, electrical and EMI shielding response. <i>Materials and Design</i> , 2015, 88, 269-277.	3.3	108
18	Current Status of Unsaturated Polyester Resins. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2000, 40, 139-165.	2.2	105

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19	Electrical conductivity and shielding effectiveness of poly(trimethylene terephthalate)/multiwalled carbon nanotube composites. <i>Journal of Materials Science</i> , 2011, 46, 6416-6423.	1.7	105
20	Adsorptive potential of modified plant-based adsorbents for sequestration of dyes and heavy metals from wastewater - A review. <i>Journal of Water Process Engineering</i> , 2021, 42, 102148.	2.6	98
21	A review on the mechanical, electrical and EMI shielding properties of carbon nanotubes and graphene reinforced polycarbonate nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1547-1567.	1.6	94
22	Interpenetrating polymer networks based on poly(acrylic acid) and gelatin. I: Swelling and thermal behavior. <i>Journal of Applied Polymer Science</i> , 2001, 82, 217-227.	1.3	89
23	Enhanced microwave shielding and mechanical properties of high loading MWCNT-epoxy composites. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	87
24	Effect of clay content and clay/surfactant on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. <i>Journal of Polymer Research</i> , 2011, 18, 843-857.	1.2	81
25	Tailored graphene based polyurethane composites for efficient electrostatic dissipation and electromagnetic interference shielding applications. <i>RSC Advances</i> , 2015, 5, 97349-97358.	1.7	78
26	Improved microwave absorption and electrostatic charge dissipation efficiencies of conducting polymer grafted fabrics prepared via <i>in situ</i> polymerization. <i>Polymers for Advanced Technologies</i> , 2012, 23, 343-349.	1.6	74
27	EMI shielding response of polypyrrole-MWCNT/polyurethane composites. <i>Synthetic Metals</i> , 2020, 266, 116414.	2.1	73
28	FLAME RETARDING EPOXIES WITH PHOSPHORUS. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2002, 42, 139-183.	2.2	70
29	A study of new anhydrous, conducting membranes based on composites of aprotic ionic liquid and cross-linked SPEEK for fuel cell application. <i>Electrochimica Acta</i> , 2015, 152, 352-359.	2.6	68
30	Electrical properties and EMI shielding behavior of highly thermally stable polyaniline/colloidal graphite composites. <i>Polymers for Advanced Technologies</i> , 2009, 20, 355-361.	1.6	67
31	Advances in decontamination of wastewater using biomass-based composites: A critical review. <i>Science of the Total Environment</i> , 2021, 784, 147108.	3.9	66
32	Banana fiber-reinforced biodegradable soy protein composites. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 243-250.	0.4	64
33	Effect of length of carbon nanotubes on electromagnetic interference shielding and mechanical properties of their reinforced epoxy composites. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	61
34	Studies on toughened polycarbonate/multiwalled carbon nanotubes nanocomposites. <i>Composites Part B: Engineering</i> , 2017, 124, 101-110.	5.9	57
35	Designing of epoxy composites reinforced with carbon nanotubes grown carbon fiber fabric for improved electromagnetic interference shielding. <i>AIP Advances</i> , 2012, 2, .	0.6	52
36	Enhanced microwave shielding and mechanical properties of multiwall carbon nanotubes anchored carbon fiber felt reinforced epoxy multiscale composites. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 421-428.	1.6	51

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37	Study on the compatibility of unbleached and bleached bamboo-fiber with LLDPE matrix. Journal of Thermal Analysis and Calorimetry, 2010, 102, 751-761.	2.0	49
38	Structural details, electrical properties, and electromagnetic interference shielding response of processable copolymers of aniline. Journal of Materials Science, 2013, 48, 797-804.	1.7	49
39	Simultaneous adsorptive removal of conventional and emerging contaminants in multi-component systems for wastewater remediation: A critical review. Science of the Total Environment, 2021, 799, 149500.	3.9	49
40	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.	2.5	47
41	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.	3.8	46
42	High-density polyethylene/halloysite nanocomposites: morphology and rheological behaviour under extensional and shear flow. Journal of Polymer Research, 2016, 23, 1.	1.2	46
43	Microwave shielding behaviour of polypyrrole impregnated fabrics. Composites Part B: Engineering, 2019, 175, 107093.	5.9	46
44	Thermal properties and degradation characteristics of polylactide, linear low density polyethylene, and their blends. Polymer Bulletin, 2011, 66, 939-953.	1.7	44
45	Selective polydimethylsiloxane/polyimide blended IPN pervaporation membrane for methanol/toluene azeotrope separation. Separation and Purification Technology, 2011, 76, 407-418.	3.9	42
46	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.	1.3	42
47	A comparative study of electrical, EMI shielding and thermal properties of graphene and multiwalled carbon nanotube filled polystyrene nanocomposites. Polymer Composites, 2018, 39, E1041.	2.3	41
48	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	38
49	Review: A review: polystyrene/clay nanocomposites. Journal of Reinforced Plastics and Composites, 2011, 30, 446-459.	1.6	37
50	Multi walled carbon nanotubes induced viscoelastic response of polypropylene copolymer nanocomposites: Effect of filler loading on rheological percolation. Polymer Testing, 2016, 55, 1-9.	2.3	37
51	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.	3.8	36
52	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.	1.7	36
53	Synthesis and characterization of poly(N-isopropylacrylamide) films by photopolymerization. Polymers for Advanced Technologies, 2006, 17, 186-192.	1.6	34
54	Adsorptive studies on the removal of dyes from single and binary systems using Saccharum munja plant-based novel functionalized CNT composites. Environmental Technology and Innovation, 2021, 24, 102015.	3.0	34

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55	Synthesis and characterization of processible polyaniline derivatives for corrosion inhibition. <i>Journal of Applied Polymer Science</i> , 2009, 111, 2328-2339.	1.3	32
56	Mechanical properties and morphology of polylactide, linear low-density polyethylene, and their blends. <i>Journal of Applied Polymer Science</i> , 2010, 118, 496-502.	1.3	32
57	Synthesis and characterization of butyl acrylate/methyl methacrylate/glycidyl methacrylate latexes. <i>Journal of Applied Polymer Science</i> , 2010, 115, 549-557.	1.3	30
58	Novel anhydrous composite membranes based on sulfonated poly (ether ketone) and aprotic ionic liquids for high temperature polymer electrolyte membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 12826-12834.	3.8	30
59	Studies on the copolymerization of methyl methacrylate and N-aryl maleimides. <i>Journal of Applied Polymer Science</i> , 1996, 62, 707-712.	1.3	29
60	Pervaporation separation of organic azeotrope using poly(dimethyl siloxane)/clay nanocomposite membranes. <i>Separation and Purification Technology</i> , 2011, 80, 435-444.	3.9	29
61	In-situ fabrication of surfactant modified CNT-based novel bio-composite and its performance evaluation for simultaneous removal of anionic dyes: Optimization by Box-Behnken design. <i>Separation and Purification Technology</i> , 2022, 284, 120262.	3.9	28
62	Influence of reaction conditions on the formation of nanotubes/nanoparticles of polyaniline in the presence of 1-aminonaphthol-4-sulfonic acid and applications as electrostatic charge dissipation material. <i>Polymer International</i> , 2009, 58, 489-502.	1.6	27
63	Systematic study of dynamic mechanical and thermal properties of multiwalled carbon nanotube reinforced polycarbonate/ethylene methyl acrylate nanocomposites. <i>Polymer Testing</i> , 2019, 73, 425-432.	2.3	27
64	Synthesis of methyl methacrylate and N-aryl itaconimide block copolymers via atom-transfer radical polymerization. <i>Polymer International</i> , 2005, 54, 823-828.	1.6	26
65	Sulfonated poly(ether ether ketone)/ethylene glycol/polyhedral oligosilsesquioxane hybrid membranes for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 5979-5991.	3.8	26
66	Studies on curing and thermal behavior of diglycidyl ether of bisphenol-A and benzoxazine mixtures. <i>Journal of Applied Polymer Science</i> , 2007, 106, 3327-3334.	1.3	25
67	Electromagnetic shielding and mechanical properties of thermally stable poly(ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 with novel fractional mixing elements. <i>RSC Advances</i> , 2016, 6, 113781-113790.	1.7	25
68	Tailoring of polypyrrole backbone by optimizing synthesis parameters for efficient EMI shielding properties in X-band (8.2-12.4 GHz). <i>Synthetic Metals</i> , 2016, 222, 170-179.	2.1	25
69	Methyl methacrylate-N-chlorophenyl maleimide copolymers: Effect of structure on properties. <i>Journal of Applied Polymer Science</i> , 1998, 68, 527-534.	1.3	24
70	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. <i>European Polymer Journal</i> , 2009, 45, 1467-1475.	2.6	24
71	Detailed dynamic mechanical analysis of thermomechanically stable melt-processed PEK/MWCNT nanocomposites. <i>Polymer Composites</i> , 2018, 39, 2587-2596.	2.3	24
72	Polymer nanocomposite membranes based on sulfonated poly(ether ether ketone) and trisilanol phenyl POSS for fuel cell applications. <i>Journal of Applied Polymer Science</i> , 2010, 118, 3013-3023.	1.3	23

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73	Polyethylene/sepiolite clay nanocomposites: Effect of clay content, compatibilizer polarity, and molar mass on viscoelastic and dynamic mechanical properties. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45197.	1.3	23
74	Rheologic and mechanical properties of multiwalled carbon nanotubes-reinforced poly(trimethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	22
75	pH- and Metal Ion- Sensitive Hydrogels based on N-[2-(dimethylaminoethyl)acrylamide]. <i>Polymers</i> , 2016, 8, 233.	2.0	22
76	Studies on the copolymerization of methyl methacrylate with N-(o/m/p-chlorophenyl) itaconimides. <i>Journal of Applied Polymer Science</i> , 2001, 82, 2078-2086.	1.3	21
77	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. <i>Journal of Applied Polymer Science</i> , 2007, 104, 1456-1463.	1.3	21
78	Effect of multiwall carbon nanotubes on thermomechanical and electrical properties of poly(trimethylene terephthalate). <i>Journal of Applied Polymer Science</i> , 2012, 123, 1548-1556.	1.3	21
79	Preparation, characterization, and thermal behavior of MMA"N-aryl maleimide copolymers. <i>Journal of Applied Polymer Science</i> , 1994, 54, 2165-2170.	1.3	20
80	Polyhedral oligomeric silsesquioxane" polyphenylsulfone nanocomposites: Investigation of the melt"flow enhancement, thermal behavior, and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2945-2956.	1.3	20
81	Melt rheology and thermomechanical behavior of poly(methyl methacrylate)/reduced graphene oxide nanocomposites. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1558-1566.	1.6	20
82	Studies on epoxy/calcium carbonate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2161-2168.	1.3	19
83	Polypropylene random copolymer/MWCNT nanocomposites: Isothermal crystallization kinetics, structural, and morphological interpretations. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	19
84	Fabrication of poly (vinyl alcohol)/ovalbumin/cellulose nanocrystals/nanohydroxyapatite based biocomposite scaffolds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 191-201.	1.8	19
85	5" Sulfoisophthalic acid monolithium salt doped polypyrrole/multiwalled carbon nanotubes composites for <scp>EMI</scp> shielding application in <scp>X</scp>"band (8.2"12.4 <scp>GHz</scp>). <i>Journal of Applied Polymer Science</i> , 2017, 134, 45370.	1.3	19
86	Multiwalled carbon nanotubes reinforced poly (ether"ketone) nanocomposites: Assessment of rheological, mechanical, and electromagnetic shielding properties. <i>Polymers for Advanced Technologies</i> , 2018, 29, 347-354.	1.6	19
87	Curing of epoxy resin using imide-amines. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3503-3510.	1.3	18
88	Synthesis and biological evaluation of dual functionalized glutathione sensitive poly(ester-urethane) multiblock polymeric nanoparticles for cancer targeted drug delivery. <i>Polymer Chemistry</i> , 2015, 6, 7603-7617.	1.9	18
89	Superior electrical, mechanical and electromagnetic interference shielding properties of polycarbonate/ethylene-methyl acrylate-in situ reduced graphene oxide nanocomposites. <i>Journal of Materials Science</i> , 2018, 53, 16047-16061.	1.7	18
90	Thermal characterization of diglycidyl ether of bisphenol-A/phosphorus containing amines. <i>Journal of Applied Polymer Science</i> , 2001, 81, 390-395.	1.3	17

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91	Effect of Multiwalled Carbon Nanotubes on the Properties of Poly(methyl methacrylate) in PMMA/CNT Nanocomposites. <i>Macromolecular Symposia</i> , 2014, 341, 75-89.	0.4	17
92	High-density polyethylene/needle-like sepiolite clay nanocomposites: effect of functionalized polymers on the dispersion of nanofiller, melt extensional and mechanical properties. <i>RSC Advances</i> , 2016, 6, 59762-59774.	1.7	17
93	Curing kinetics and thermal properties of imide containing phthalonitrile resin using aromatic amines. <i>Thermochimica Acta</i> , 2020, 693, 178749.	1.2	17
94	Curing and thermal behavior of epoxy resin in the presence of silicon-containing amide amines. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1345-1353.	1.3	16
95	Studies on copolymerization of N-isopropylacrylamide with poly(ethylene glycol) methacrylate. <i>European Polymer Journal</i> , 2008, 44, 2962-2970.	2.6	16
96	Effect of multi-walled carbon nanotubes on mechanical and rheological properties of poly(trimethylene terephthalate). <i>Journal of Materials Science</i> , 2014, 49, 3839-3846.	1.7	16
97	Development of functionalized quantum dot modified poly(vinyl alcohol) membranes for fuel cell applications. <i>RSC Advances</i> , 2016, 6, 47536-47544.	1.7	16
98	Copolymerization and thermal behavior of methyl methacrylate with N-(phenyl/p-tolyl) itaconimides. <i>Journal of Applied Polymer Science</i> , 2003, 89, 1195-1202.	1.3	15
99	Effect of structure of aromatic imide- ϵ -amines on curing behavior and thermal stability of diglycidyl ether of bisphenol-A. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1946-1953.	1.3	15
100	Synergistic effect of copolymers composition on the electrochemical, thermal, and electrical behavior of 5- ϵ -lithiosulphoisophthalic acid doped poly(aniline-co-2-isopropylaniline): synthesis, characterization, and applications. <i>Polymers for Advanced Technologies</i> , 2009, 20, 1024-1034.	1.6	15
101	Excellent impact strength of ethylene-methyl acrylate copolymer toughened polycarbonate. <i>RSC Advances</i> , 2015, 5, 87589-87597.	1.7	15
102	Morphological studies and thermo-mechanical behavior of polypropylene/sepiolite nanocomposites. <i>Polymer Composites</i> , 2017, 38, E285.	2.3	15
103	Studies on crosslinking and thermal behavior of phthalonitrile end-capped imide monomer in presence of aromatic amines. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46151.	1.3	15
104	Thermomechanically stable dielectric composites based on poly(ether ketone) and BaTiO ₃ with improved electromagnetic shielding properties in X-band. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46413.	1.3	15
105	Simultaneous adsorption of three anionic dyes at neutral pH from their individual and multi-component systems on a CTAB modified Pennisetum glaucum based carbon nanotube green composite: Adsorption mechanism and process optimization by Box-Behnken design model. <i>Journal of Molecular Liquids</i> , 2022, 358, 119223.	2.3	15
106	EFFECT OF STRUCTURE ON THERMAL BEHAVIOR OF HOMOPOLYMERS AND COPOLYMERS OF ITACONIMIDES. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2001, 41, 253-284.	2.2	14
107	Thermal and mechanical properties of copolymers of methyl methacrylate with N-aryl itaconimides. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1088-1095.	1.3	14
108	Effect of sepiolite on nonisothermal crystallization kinetics of polypropylene. <i>Journal of Materials Science</i> , 2016, 51, 9535-9550.	1.7	14

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109	Industrially viable technique for the preparation of HDPE/fly ash composites at high loading: Thermal, mechanical, and rheological interpretations. <i>Journal of Applied Polymer Science</i> , 2018, 135, 459951.	1.3	14
110	Evaluation of bisacrylate terminated epoxy resins as coatings. <i>Progress in Organic Coatings</i> , 2006, 57, 223-228.	1.9	13
111	Conducting films of poly(aniline- <i>co</i> - <i>l</i> -amino-2-naphthol-4-sulfonic acid) blended with LDPE for its application as antistatic encapsulation material. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1319-1328.	1.6	12
112	Physicomechanical properties of poly(methyl methacrylate-co-N-arylmaleimides). <i>Journal of Applied Polymer Science</i> , 1995, 57, 767-773.	1.3	11
113	Synthesis and characterization of bisitaconimides. I. <i>Journal of Applied Polymer Science</i> , 2002, 84, 2277-2282.	1.3	11
114	Methyl methacrylate/N-(<i>o</i> / <i>m</i> / <i>p</i> -chlorophenyl) itaconimide copolymers: Microstructure determination by NMR spectroscopy. <i>Journal of Applied Polymer Science</i> , 2004, 91, 2016-2027.	1.3	11
115	Methacrylate/acrylate terminated derivatives of diglycidyl hexahydrophthalate: Synthesis, structural, and thermal characterization. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2414-2420.	1.3	11
116	Curing and thermal behavior of DGEBA in presence of dianhydrides and aromatic diamine. <i>Journal of Applied Polymer Science</i> , 2007, 105, 3804-3808.	1.3	11
117	Study on PVC composites containing <i>Eugenia jambolana</i> wood flour. <i>Journal of Applied Polymer Science</i> , 2008, 107, 2171-2179.	1.3	11
118	Isothermal and Non-isothermal Crystallization Kinetics and Morphology of Poly(trimethylene Terephthalate)/Overlock 10 Tf 50 38	0.4	11
119	Poly(vinyl chloride)-Acacia bark flour composite: Effect of particle size and filler content on mechanical, thermal, and morphological characteristics. <i>Journal of Applied Polymer Science</i> , 2010, 117, 1309-1318.	1.3	11
120	Role of compatibilizer and processing method on the mechanical, thermal and barrier properties of polystyrene/organoclay nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 740-757.	1.6	11
121	Growth of carbon nanotube filaments on carbon fiber cloth by catalytic chemical vapor deposition. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 997-1003.	1.6	11
122	Copolymerization of N-aryl substituted itaconimide with methyl methacrylate: Effect of substituents on monomer reactivity ratio and thermal behavior. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2391-2398.	1.3	10
123	Effect of structure on mechanical properties of vinyl ester resins and their glass fiber-reinforced composites. <i>Journal of Applied Polymer Science</i> , 2008, 108, 1942-1948.	1.3	10
124	Thermal degradation and physical aging of linear low density polyethylene and poly(L-lactic acid) blends. <i>Journal of Polymer Engineering</i> , 2012, 32, .	0.6	10
125	Thermal and mechanical properties of poly(trimethylene terephthalate)/acid-treated multiwalled carbon nanotube composites. <i>Journal of Materials Science</i> , 2013, 48, 7063-7070.	1.7	10
126	Recycling polymeric waste from electronic and automotive sectors into value added products. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	10

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127	Curing and thermal behaviour of epoxy resin in the presence of pyromellitic dianhydride and imidazole. Journal of Applied Polymer Science, 2007, 106, 2593-2598.	1.3	9
128	Morphological, mechanical, and <i>in vitro</i> cytocompatibility analysis of poly(vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (al of Polymer Analysis and Characterization, 2017, 22, 139-151.	0.9	9
129	Semi-interpenetrating polymer networks of poly (vinyl alcohol)-functionalized nanocrystals/sulfonated poly (ether ether ketone) (PVA-FNCs/SPEEK) as fuel cell membrane. Materials Today Communications, 2021, 29, 102897.	0.9	9
130	Isothermal crystallization kinetics of poly(trimethylene terephthalate)/multiwall carbon nanotubes composites. Journal of Thermal Analysis and Calorimetry, 2013, 114, 643-651.	2.0	8
131	Novel composites of Pennisetum glaucum with CNT: preparation, characterization and application for the removal of safranin O and methylene blue dyes from single and binary systems. Biomass Conversion and Biorefinery, 2023, 13, 16925-16942.	2.9	8
132	Copolymerization of methyl methacrylate with N-(methoxyphenyl) itaconimides. Journal of Applied Polymer Science, 2008, 109, 987-996.	1.3	7
133	Interpenetrating Polymer Networks Based on Gelatin and Poly(Vinyl Pyrrolidone): Evaluation of Degradation, Histocompatibility, Cytotoxicity, and Drug Release. International Journal of Polymeric Materials and Polymeric Biomaterials, 2012, 61, 1115-1129.	1.8	7
134	Rheological, melting and crystallization behaviour of an open cage POSS/PTT nanocomposite prepared by melt blending. International Journal of Plastics Technology, 2010, 14, 7-23.	2.9	6
135	<i>N</i> -alkylpyridinemethanimine mediated atom transfer radical polymerization of lauryl methacrylate: Effect of length of alkyl group. Journal of Applied Polymer Science, 2012, 125, 31-37.	1.3	6
136	Synthesis, characterizations and thermal behavior of methyl methacrylate and N-(p-carboxyphenyl) methacrylamide/acrylamide copolymers. Journal of Applied Polymer Science, 2000, 78, 259-267.	1.3	5
137	Curing and thermal behavior of diglycidyl ether of bisphenol A in the presence of a mixture of amines. Journal of Applied Polymer Science, 2003, 90, 1739-1747.	1.3	5
138	Copolymerization of N-(4-carboxyphenyl) itaconimide or N-(4-carboxyphenyl) itaconamic acid with methyl methacrylate. Journal of Applied Polymer Science, 2005, 98, 1909-1915.	1.3	5
139	Synthesis and characterization of biodegradable interpenetrating polymer networks based on gelatin and divinyl ester synthesized from poly(caprolactone diol). Journal of Applied Polymer Science, 2009, 111, 1478-1487.	1.3	5
140	Microstructure determination of methyl methacrylate-N-arylsubstituted itaconimide copolymers by NMR spectroscopy. Journal of Applied Polymer Science, 2010, 115, 491-497.	1.3	5
141	Structural, thermal, morphological and dynamic mechanical characteristics of waste reinforced polypropylene composites: A novel approach for recycling electronic waste. Journal of Applied Polymer Science, 2016, 133, .	1.3	5
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