

Yong Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improving thermal oxidative aging resistance and anti-reversion property of natural rubber by adding a crosslinking agent. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	9
2	Corn Stalk-Based Carbon Microsphere/Reduced Graphene Oxide Composite Hydrogels for High-Performance Symmetric Supercapacitors. <i>Energy & Fuels</i> , 2022, 36, 2268-2276.	5.1	14
3	Vertically aligned carbon nanotubes/graphene/cellulose nanofiber networks for enhancing electrical conductivity and piezoresistivity of silicone rubber composites. <i>Composites Science and Technology</i> , 2022, 222, 109366.	7.8	11
4	Effects of boron nitride and carbon nanotube on damping properties, thermal conductivity and compression stress relaxation behavior of $\text{B}_4\text{C}/\text{SiR}$. <i>Polymer Composites</i> , 2022, 43, 1128-1135.	4.6	10
5	Enhancements in damping properties and thermal conductivity of acrylonitrile-butadiene rubber by using hindered phenol modified alumina. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	3
6	Preparation of high-performance natural rubber/carbon black/molybdenum disulfide composite by using the premixture of epoxidized natural rubber and cysteine-modified molybdenum disulfide. <i>Polymer Bulletin</i> , 2021, 78, 1213-1230.	3.3	14
7	Effect of electron beam irradiation on the thermal and mechanical properties of ethylene-vinyl acetate copolymer/polyamide blends. <i>Polymers and Polymer Composites</i> , 2021, 29, 714-723.	1.9	1
8	Preparation and characterization of modified castor oil via photo-click chemistry for UV-curable waterborne polyurethane with enhanced water resistance and low conductive percolation threshold. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49913.	2.6	4
9	A green approach to preparing hydrophobic, electrically conductive textiles based on waterborne polyurethane for electromagnetic interference shielding with low reflectivity. <i>Chemical Engineering Journal</i> , 2021, 421, 127749.	12.7	59
10	A self-healable, stretchable, tear-resistant and sticky elastomer enabled by a facile polymer blends strategy. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3931-3939.	10.3	15
11	Effects of crosslinking reaction and extension strain on the electrical properties of silicone rubber/carbon nanofiller composites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50727.	2.6	5
12	Preparation and performance of graphene/carbon black silicone rubber composites used for highly sensitive and flexible strain sensors. <i>Sensors and Actuators A: Physical</i> , 2021, 323, 112659.	4.1	30
13	Graphene-Based Films: Fabrication, Interfacial Modification, and Applications. <i>Nanomaterials</i> , 2021, 11, 2539.	4.1	11
14	Thermal conductivity enhancement of alumina/silicone rubber composites through constructing a thermally conductive 3D framework. <i>Polymer Bulletin</i> , 2020, 77, 2139-2153.	3.3	30
15	Enhancement of thermal conductivity and mechanical properties of silicone rubber composites by using acrylate grafted siloxane copolymers. <i>Chemical Engineering Journal</i> , 2020, 391, 123476.	12.7	42
16	Graphene quantum dots interfacial-decorated hierarchical Ni/PS core/shell nanocapsules for tunable microwave absorption. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156529.	5.5	12
17	Performance improvement of alumina/silicone rubber composites by adding γ -(trimethoxysilyl)propyl methacrylate grafted siloxane copolymer. <i>Polymer Composites</i> , 2020, 41, 4842-4848.	4.6	10
18	Preparation of high-performance styrene-butadiene rubber composites by the addition of a hydroxyapatite-tannic acid reduced graphene oxide hybrid. <i>Composites Science and Technology</i> , 2020, 200, 108406.	7.8	11

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19	A bi-directional thermal-driven actuator with conduction-insulation transformation behavior and its applications in overheating protection and early warning of fire. <i>Sensors and Actuators A: Physical</i> , 2020, 312, 112084.	4.1	4
20	Improving water resistance of waterborne polyurethane coating with high transparency and good mechanical properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124994.	4.7	41
21	Vertically aligned silicon carbide nanowires/reduced graphene oxide networks for enhancing the thermal conductivity of silicone rubber composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 133, 105873.	7.6	87
22	Effects of electron beam irradiation and multi-functional monomer/co-agents on the mechanical and thermal properties of ethylene-vinyl acetate copolymer/polyamide blends. <i>Materials Today Communications</i> , 2020, 23, 100840.	1.9	8
23	Stretchable conductor based on carbon nanotube/carbon black silicone rubber nanocomposites with highly mechanical, electrical properties and strain sensitivity. <i>Composites Part B: Engineering</i> , 2020, 191, 107979.	12.0	86
24	A facile route to fabricate thermally conductive and electrically insulating polymer composites with 3D interconnected graphene at an ultralow filler loading. <i>Nanoscale</i> , 2019, 11, 15234-15244.	5.6	44
25	Effect of an interface layer on thermal conductivity of polymer composites studied by the design of double-layered and triple-layered composites. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 1049-1055.	4.8	15
26	Enhanced thermal oxidative stability of silicone rubber by using cerium-ferric complex oxide as thermal oxidative stabilizer. <i>E-Polymers</i> , 2019, 19, 257-267.	3.0	5
27	Peroxide crosslinked butyl rubber composites using TEMPO and sorbates. <i>Composites Science and Technology</i> , 2019, 183, 107805.	7.8	7
28	Magnetic aligned Fe ₃ O ₄ -reduced graphene oxide/waterborne polyurethane composites with controllable structure for high microwave absorption capacity. <i>Carbon</i> , 2019, 152, 661-670.	10.3	65
29	Conducting and stretchable composites using sandwiched graphene-carbon nanotube hybrids and styrene-butadiene rubber. <i>Carbon</i> , 2019, 149, 181-189.	10.3	31
30	From two-dimensional to three-dimensional structures: A superior thermal-driven actuator with switchable deformation behavior. <i>Chemical Engineering Journal</i> , 2019, 360, 680-685.	12.7	12
31	Effect of Electron Beam Irradiation on Thermal and Mechanical Properties of Polyamide Copolymer/Multiwall Carbon Nanotube Composites. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2019, 24, 12-18.	0.9	2
32	Effect of Electron Beam Irradiation on the Mechanical and Thermal Properties of Ternary Polyamide Copolymer. <i>Macromolecular Research</i> , 2018, 26, 359-364.	2.4	10
33	Interfacial Interaction Analysis of Blends of Poly(vinylidene fluoride) and Poly(ethylene-butylacrylate-glycidyl methacrylate) Compatibilized by Poly(butylene succinate): Morphologies, Rheological Behavior, and Mechanical Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 206-217.	1.9	0
34	Effects of liquid polyisoprene and magnesium oxide on the mechanical properties of styrene-butadiene rubber/carbon nanotubes composite. <i>Polymer Composites</i> , 2018, 39, E765.	4.6	5
35	High thermal conductivity and stretchability of layer-by-layer assembled silicone rubber/graphene nanosheets multilayered films. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 105, 1-8.	7.6	67
36	Crosslink network evolution of BIIR/EPDM blends during peroxide vulcanization. <i>Polymer Testing</i> , 2017, 59, 253-261.	4.8	26

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37	Effect of octadecylamine modified graphene on thermal stability, mechanical properties and gas barrier properties of brominated butyl rubber. <i>Macromolecular Research</i> , 2017, 25, 270-275.	2.4	21
38	Rheological behavior of ethylene-vinyl acetate copolymer and fabrication of micropyramid arrays by roll-to-roll hot embossing on its thin films. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45228.	2.6	3
39	Carbon nanotube/reduced graphene oxide hybrid for simultaneously enhancing the thermal conductivity and mechanical properties of styrene-butadiene rubber. <i>Carbon</i> , 2017, 123, 158-167.	10.3	85
40	Improving thermal conductivity of styrene-butadiene rubber composites by incorporating mesoporous silica/solvothermal reduced graphene oxide hybrid nanosheets with low graphene content. <i>Composites Science and Technology</i> , 2017, 150, 174-180.	7.8	36
41	Enhanced mechanical and thermal properties of SBR composites by introducing graphene oxide nanosheets decorated with silica particles. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 102, 236-242.	7.6	44
42	Study on calcium fluoride modified graphene/brominated butyl rubber nanocomposites. <i>Polymer Bulletin</i> , 2017, 74, 4959-4972.	3.3	3
43	Regulation of trans-1,4-polyisoprene crystallinity and mechanical properties of styrene-butadiene rubber/trans-1,4-polyisoprene vulcanizate. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	3
44	Understanding of intermolecular interaction in PVDF/PTW blends: Crystallization behavior, thermal, and dynamic mechanical properties. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	5
45	Graft copolymerization of methyl methacrylate from brominated poly(isobutylene-co-isoprene) via atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	0
46	Preparation and properties of octadecylamine modified graphene oxide/styrene-butadiene rubber composites through an improved melt compounding method. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	13
47	Structure and properties of surface-acetylated cellulose nanocrystal/poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342	3.3	56
48	Selectively cross-linked poly (lactide)/ethylene-glycidyl methacrylate-vinyl acetate thermoplastic elastomers with partial dual-continuous network-like structures and shape memory performances. <i>European Polymer Journal</i> , 2016, 84, 1-12.	5.4	26
49	Bioinspired Graphene Oxide/Polymer Nanocomposite Paper with High Strength, Toughness, and Dielectric Constant. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31264-31272.	8.0	72
50	Influence of 1,2-polybutadiene on properties of dicumyl peroxide cured brominated butyl rubber. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	11
51	Improving the filler dispersion of polychloroprene/carboxylated multi-walled carbon nanotubes composites by non-covalent functionalization of carboxylated ionic liquid. <i>Composites Science and Technology</i> , 2016, 123, 171-178.	7.8	45
52	Reinforcement effect of poly(butylene succinate) (PBS)-grafted cellulose nanocrystal on toughened PBS/polylactic acid blends. <i>Carbohydrate Polymers</i> , 2016, 140, 374-382.	10.2	111
53	Compatibility and nonlinear viscoelasticity of polychloroprene/polyvinyl chloride blends with nitrile butadiene rubber as a compatibilizer. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	4
54	Graphene oxide as a covalent-crosslinking agent for EVM-g-PA6 thermoplastic elastomeric nanocomposites. <i>RSC Advances</i> , 2015, 5, 39042-39051.	3.6	9

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55	Characterization of polypropylene/hydrogenated styrene-isoprene-styrene block copolymer blends and fabrication of micro-pyramids via micro hot embossing of blend thin-films. RSC Advances, 2015, 5, 92212-92221.	3.6	8
56	Bio-based poly(lactide)/ethylene-co-vinyl acetate thermoplastic vulcanizates by dynamic crosslinking: structure vs. property. RSC Advances, 2015, 5, 15962-15968.	3.6	46
57	Synergistic effects of rare earth oxides on intumescent flame retardancy of Nylon 1010/ethylene-vinyl-acetate rubber thermoplastic elastomers. Journal of Polymer Research, 2015, 22, 1.	2.4	11
58	Poly(butylene succinate -co- butylene adipate)/cellulose nanocrystal composites modified with phthalic anhydride. Carbohydrate Polymers, 2015, 134, 52-59.	10.2	33
59	The grafting reaction of epoxidized natural rubber with carboxyl ionic liquids and the ionic conductivity of solid electrolyte composites. RSC Advances, 2015, 5, 90031-90040.	3.6	14
60	Biobased Poly(lactide)/ethylene-co-vinyl Acetate Thermoplastic Vulcanizates: Morphology Evolution, Superior Properties, and Partial Degradability. ACS Sustainable Chemistry and Engineering, 2015, 3, 2211-2219.	6.7	68
61	Structure and properties of nylon 1010/ethylene-vinyl acetate rubber-based dynamically vulcanized thermoplastic elastomers filled with SiO ₂ . Polymer Engineering and Science, 2015, 55, 581-588.	3.1	6
62	Nonlinear viscoelasticity and stress-softening behavior of chloroprene rubber reinforced by multiwalled carbon nanotubes. Polymer Composites, 2014, 35, 2194-2202.	4.6	12
63	Mechanical and microwave absorbing properties of in situ prepared hydrogenated acrylonitrile-butadiene rubber/rare earth acrylate composites. Composites Part B: Engineering, 2014, 56, 497-503.	12.0	21
64	In situ ester-amide exchange reaction between polyamide 6 and ethylene-vinyl acetate rubber during melt blending. Journal of Applied Polymer Science, 2014, 131, .	2.6	2
65	Study on ester-amide exchange reactions between Nylon 1010 and Ethylene-vinyl acetate rubber with different metal derivatives. Journal of Polymer Research, 2014, 21, 1.	2.4	2
66	Mechanical, thermal conductive, and dielectric properties of fluoroelastomer/reduced graphene oxide composites in situ prepared by solvent thermal reduction. Polymer Composites, 2014, 35, 1779-1785.	4.6	16
67	Reactive processing of ethylene-vinyl acetate rubber/polyamide blends via a dynamic transesterification reaction. Polymer Bulletin, 2014, 71, 1505-1521.	3.3	7
68	Study on ester-amide exchange reactions between Nylon 1010 and Ethylene-vinyl acetate rubber. Journal of Applied Polymer Science, 2014, 131, .	2.6	1
69	Effect of partial crosslinking on morphology and properties of the poly(^l -hydroxybutyrate)/poly(d,l-lactic acid) blends. Polymer Degradation and Stability, 2013, 98, 1549-1555.	5.8	62
70	Physical properties and crystallization behavior of ethylene-vinyl acetate rubber/polyamide/graphene oxide thermoplastic elastomer nanocomposites. RSC Advances, 2013, 3, 26166.	3.6	13
71	Thermal conductivity of micro/nano filler filled polymeric composites. RSC Advances, 2013, 3, 6417.	3.6	21
72	Structure/Property Relationships of Partially Crosslinked Poly(butylene succinate). Macromolecular Materials and Engineering, 2013, 298, 910-918.	3.6	21

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73	Morphology and mechanical properties of ethylene-vinyl acetate rubber/polyamide thermoplastic elastomers. <i>Journal of Applied Polymer Science</i> , 2013, 130, 338-344.	2.6	18
74	Microwave-absorbing performance and mechanical properties of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (chloride)/ac nanotubes and silicon carbide. <i>Journal of Applied Polymer Science</i> , 2013, 130, 345-351.	2.6	13
75	Effects of blending time and catalyst on the properties of nylon 1010/acrylate rubber blends. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4587-4597.	2.6	0
76	Prediction of thermal conductivity of SiC-filled emulsion-polymerized styrene-butadiene rubber composites by finite element method. <i>Journal of Reinforced Plastics and Composites</i> , 2012, 31, 1586-1598.	3.1	7
77	Effect of liquid isoprene rubber on dynamic mechanical properties of emulsion-polymerized styrene-butadiene rubber vulcanizates. <i>Polymer International</i> , 2012, 61, 531-538.	3.1	15
78	Toughening of PHBV/PBS and PHB/PBS Blends via In situ Compatibilization Using Dicumyl Peroxide as a Free-Radical Grafting Initiator. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 402-410.	3.6	140
79	Enhanced microwave absorbing performance of hydrogenated acrylonitrile-butadiene rubber/multi-walled carbon nanotube composites by in situ prepared rare earth acrylates. <i>Composites Science and Technology</i> , 2012, 72, 696-701.	7.8	29
80	Electromagnetic characteristic and microwave absorbing performance of different carbon-based hydrogenated acrylonitrile-butadiene rubber composites. <i>Materials Chemistry and Physics</i> , 2012, 133, 176-181.	4.0	45
81	A study on the curing kinetics of epoxycyclohexyl polyhedral oligomeric silsesquioxanes and hydrogenated carboxylated nitrile rubber by dynamic differential scanning calorimetry. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3128-3136.	2.6	11
82	Green Approach To Prepare Graphene-Based Composites with High Microwave Absorption Capacity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11673-11677.	3.1	314
83	Effect of ethylene-acrylic acid copolymer on flame retardancy and properties of LLDPE/EAA/MH composites. <i>Polymer Degradation and Stability</i> , 2011, 96, 2215-2220.	5.8	29
84	Study on thermally conductive ESR vulcanizates. <i>Polymer Bulletin</i> , 2011, 67, 1091-1104.	3.3	17
85	An investigation into synergistic effects of rare earth oxides on intumescent flame retardancy of polypropylene/poly (octylene-co-ethylene) blends. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1414-1421.	3.2	35
86	Curing reactions and properties of organic-inorganic composites from hydrogenated carboxylated nitrile rubber and epoxycyclohexyl polyhedral oligomeric silsesquioxanes. <i>Polymer International</i> , 2011, 60, 422-429.	3.1	15
87	Thermal degradation behavior of low-halogen flame retardant PC/PPFBS/PDMS. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2730-2736.	2.6	11
88	Study on the properties of ethylene-vinyl acetate rubber vulcanizate filled with superfluous magnesium hydroxide/methacrylic acid. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1813-1819.	2.6	7
89	Synergistic effect of vermiculite on the intumescent flame retardance of polypropylene. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1225-1233.	2.6	32
90	Effect of methacrylic acid on the properties of Ethylene-Vinylene acetate rubber vulcanizates reinforced by magnesium hydroxide. <i>Journal of Applied Polymer Science</i> , 2011, 121, 279-285.	2.6	2

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91	Comparison of the toughening effects of different elastomers on nylon 1010. Journal of Applied Polymer Science, 2011, 121, 3340-3346.	2.6	7
92	Reinforcement of hydrogenated carboxylated nitrile-butadiene rubber with exfoliated graphene oxide. Carbon, 2011, 49, 1608-1613.	10.3	164
93	Hydrogenated carboxylated nitrile rubber/modified zinc carbonate basic composites with photoluminescence properties. European Polymer Journal, 2011, 47, 1135-1141.	5.4	10
94	Blends of poly(2,6-dimethyl-1,4-phenylene oxide)/polyamide 6 toughened by maleated polystyrene-based copolymers: Mechanical properties, morphology, and rheology. Journal of Applied Polymer Science, 2010, 115, 3385-3392.	2.6	26
95	Compatibilization of poly(2,6-dimethyl-1,4-phenylene oxide)/polyamide 6 blends with styrene-maleic anhydride copolymer: Mechanical properties, morphology, crystallization, and melting behavior. Journal of Applied Polymer Science, 2010, 118, 3545-3551.	2.6	12
96	Thermal degradation behavior of styrene-butadiene-styrene tri-block copolymer/multiwalled carbon nanotubes composites. Journal of Applied Polymer Science, 2009, 112, 524-531.	2.6	33
97	Investigation on the fracture behavior and morphology of maleated poly(ethylene octene) toughened and glass fiber-reinforced nylon 1010. Journal of Applied Polymer Science, 2009, 113, 181-189.	2.6	7
98	Nonisothermal decomposition kinetics of nylon 1010/POSS composites. Journal of Applied Polymer Science, 2009, 113, 17-23.	2.6	16
99	Morphology, rheological behavior, and thermal stability of PLA/PBSA/POSS composites. Journal of Applied Polymer Science, 2009, 113, 3095-3102.	2.6	73
100	Morphology, mechanical properties, and thermal stability of poly(lactic acid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (a Science, 2009, 113, 3630-3637.	2.6	21
101	Mechanical properties, flame retardancy, hot-air ageing, and hot-oil ageing resistance of ethylene-vinyl acetate rubber/hydrogenated nitrile-butadiene rubber/magnesium hydroxide composites. Journal of Applied Polymer Science, 2009, 114, 3310-3318.	2.6	16
102	Toughening modification of PLLA/PBS blends via in situ compatibilization. Polymer Engineering and Science, 2009, 49, 26-33.	3.1	242
103	Toughening effects of ethylene-vinyl acetate copolymers with different vinyl acetate content and viscosity on nylon 1010 blends. Polymer Engineering and Science, 2009, 49, 2393-2399.	3.1	3
104	Morphology, mechanical properties, and durability of poly(lactic acid) plasticized with Di(isononyl) cyclohexane-1,2-dicarboxylate. Polymer Engineering and Science, 2009, 49, 2414-2420.	3.1	39
105	Toughening effect of ethylene-vinyl acetate rubber on nylon 1010 compatibilized by maleated ethylene-vinyl acetate copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 434-444.	2.1	17
106	Effect of EVM/EVA-g-MAH ratio on the structure and properties of nylon 1010 blends. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 877-887.	2.1	11
107	Effect of PPO-g-MA on structures and properties of PPO/PA6/short glass fiber composites. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 2188-2197.	2.1	20
108	Morphology and electrical properties of polyamide 6/polypropylene/multi-walled carbon nanotubes composites. Composites Science and Technology, 2009, 69, 2212-2217.	7.8	80

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109	Effects of interfacial adhesion on properties of polypropylene/Wollastonite composites. Journal of Applied Polymer Science, 2008, 107, 1718-1723.	2.6	29
110	Properties of poly(butylene terephthalate) chain-extended by epoxycyclohexyl polyhedral oligomeric silsesquioxane. Journal of Applied Polymer Science, 2008, 107, 825-830.	2.6	15
111	Polyamide 6/maleated ethylene-propylene diene rubber/organoclay composites with or without glycidyl methacrylate as a compatibilizer. Journal of Applied Polymer Science, 2008, 110, 1870-1879.	2.6	9
112	Mechanical, thermal and degradation properties of poly(d,l-lactide)/poly(hydroxybutyrate-co-hydroxyvalerate)/poly(ethylene glycol) blend. Polymer Degradation and Stability, 2008, 93, 1364-1369.	5.8	75
113	Reinforcement of hydrogenated carboxylated nitrile-butadiene rubber by multi-walled carbon nanotubes. Applied Surface Science, 2008, 255, 2162-2166.	6.1	68
114	Reinforcement of styrene-butadiene-styrene tri-block copolymer by multi-walled carbon nanotubes via melt mixing. Carbon, 2007, 45, 2621-2627.	10.3	66
115	Electrical properties and conductive mechanisms of immiscible polypropylene/Novolac blends filled with carbon black. European Polymer Journal, 2007, 43, 5097-5106.	5.4	51
116	Isothermal crystallization kinetics of polypropylene with silane functionalized multi-walled carbon nanotubes. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 1616-1624.	2.1	73
117	Thermal stability, flame retardancy and rheological behavior of ABS filled with magnesium hydroxide sulfate hydrate whisker. Polymer Bulletin, 2007, 58, 747-755.	3.3	28
118	Microstructure, Interfacial Interactions, and Rheological Properties of PC/AES/Montmorillonite Composites. Journal of Macromolecular Science - Physics, 2006, 45, 1159-1169.	1.0	3
119	Rheological Properties and Morphology of PC/AES Blends. Journal of Macromolecular Science - Physics, 2006, 45, 987-1004.	1.0	4
120	Reinforcement effect of MAA on nano-CaCo ₃ -filled EPDM vulcanizates and possible mechanism. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1226-1236.	2.1	31
121	Effect of silicon dioxide on crystallization and melting behavior of polypropylene. Journal of Applied Polymer Science, 2006, 100, 1889-1898.	2.6	34
122	Rheological properties of PDMS filled with CaCo ₃ : The effect of filler particle size and concentration. Journal of Applied Polymer Science, 2006, 101, 3395-3401.	2.6	21
123	Effect of different carbon fillers on the properties of PP composites: Comparison of carbon black with multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2006, 102, 4823-4830.	2.6	99
124	Fracture behavior of PVC/Blendex/nano-CaCO ₃ composites. Journal of Applied Polymer Science, 2005, 95, 953-961.	2.6	21
125	Isothermal crystallization kinetics of PP in PP/Mg(OH) ₂ composites. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1914-1923.	2.1	17
126	Morphology and fracture behavior of toughening-modified poly(vinyl chloride)/organophilic montmorillonite composites. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 286-295.	2.1	19

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127	Fracture morphology and mechanical properties of ethylene/vinyl acetate rubber vulcanizates reinforced by in situ prepared sodium methacrylate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 1715-1724.	2.1	14
128	Influence of the clay modification and compatibilizer on the structure and mechanical properties of ethylene-propylene-diene rubber/montmorillonite composites. <i>Journal of Applied Polymer Science</i> , 2004, 92, 638-646.	2.6	94
129	Processing thermal stability and degradation kinetics of poly(vinyl chloride)/montmorillonite composites. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1521-1526.	2.6	31
130	Polymerization conversion and structure of magnesium methacrylate in ethylene-vinyl acetate rubber vulcanizates. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2379-2384.	2.6	10
131	Effects of silane coupling agents on the vulcanization characteristics of natural rubber. <i>Journal of Applied Polymer Science</i> , 2004, 94, 1511-1518.	2.6	41
132	Effect of dynamic vulcanization on properties and morphology of nylon/SAN/NBR blends: A new compatibilization method of nylon/ABS blends. <i>Journal of Applied Polymer Science</i> , 2003, 87, 2057-2062.	2.6	13
133	Mechanical properties of high-density polyethylene/scrap rubber powder composites modified with ethylene-propylene-diene terpolymer, dicumyl peroxide, and silicone oil. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2020-2027.	2.6	26
134	Polyamide-reinforced ethylene-propylene-diene rubber compatibilized with chlorinated polyethylene. <i>Journal of Applied Polymer Science</i> , 2003, 89, 1727-1736.	2.6	3
135	Properties of EVM vulcanizates reinforced by in situ prepared sodium methacrylate. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2192-2200.	2.6	21
136	EPDM/polyamide TPV compatibilized by chlorinated polyethylene. <i>Polymer Testing</i> , 2003, 22, 9-16.	4.8	51
137	Brittle to ductile transition of PP/POE blends in both impact and high speed tensile tests. <i>Polymer</i> , 2003, 44, 5047-5052.	3.8	139
138	Reinforcement of EPDM by in situ prepared zinc dimethacrylate. <i>Journal of Applied Polymer Science</i> , 2002, 84, 1339-1345.	2.6	100
139	In situ preparation of magnesium methacrylate to reinforce NBR. <i>Journal of Applied Polymer Science</i> , 2002, 84, 1403-1408.	2.6	28
140	Reinforcement of peroxide-cured styrene-butadiene rubber vulcanizates by methacrylic acid and magnesium oxide. <i>Journal of Applied Polymer Science</i> , 2002, 85, 2667-2676.	2.6	32
141	Effect of magnesium methacrylate on the mechanical properties of EVM vulcanizate. <i>Polymer Testing</i> , 2002, 21, 889-895.	4.8	35
142	Effect of Methacrylic Acid on the Mechanical Properties of Peroxide-Cured Sbr Vulcanizates Filled with Al(OH) ₃ . <i>Polymers and Polymer Composites</i> , 2001, 9, 523-529.	1.9	4
143	Metallic Methacrylate as a Reactive Filler to Reinforce Ethylene-Propylene-Diene Rubber. <i>Polymers and Polymer Composites</i> , 2001, 9, 275-282.	1.9	21
144	Enhanced positive temperature coefficient effect by crosslinking reaction for silicone rubber/carbon black composites with high pressure sensitivity. <i>Journal of Applied Polymer Science</i> , 0, , 51682.	2.6	5

#	ARTICLE	IF	CITATIONS
145	Effect of Pyrolysis Carbon Black from Waste Tire on the Mechanical Properties of SSBR/BR Blend. <i>Macromolecular Materials and Engineering</i> , 0, , 2100944.	3.6	3