# Yong Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

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| 145<br>papers | 4,588<br>citations | 101384<br>36<br>h-index | 123241<br>61<br>g-index |
| 145<br>all docs | 145<br>docs citations | 145<br>times ranked | 4387<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Improving thermal oxidative aging resistance and antiâ€reversion property of natural rubber by adding a crosslinking agent. Journal of Applied Polymer Science, 2022, 139, . | 1.3 | 9 |
| 2 | Corn Stalk-Based Carbon Microsphere/Reduced Graphene Oxide Composite Hydrogels for High-Performance Symmetric Supercapacitors. Energy & Fuels, 2022, 36, 2268-2276. | 2.5 | 14 |
| 3 | Vertically aligned carbon nanotubes/graphene/cellulose nanofiber networks for enhancing electrical conductivity and piezoresistivity of silicone rubber composites. Composites Science and Technology, 2022, 222, 109366. | 3.8 | 11 |
| 4 | Effects of boron nitride and carbon nanotube on damping properties, thermal conductivity and compression stress relaxation behavior of <scp>BIIR</scp>. Polymer Composites, 2022, 43, 1128-1135. | 2.3 | 10 |
| 5 | Enhancements in damping properties and thermal conductivity of acrylonitrileâ€butadiene rubber by using hindered phenol modified alumina. Journal of Applied Polymer Science, 2022, 139, . | 1.3 | 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. Polymer Bulletin, 2021, 78, 1213-1230. | 1.7 | 14 |
| 7 | Effect of electron beam irradiation on the thermal and mechanical properties of ethylene-vinyl acetate copolymer/polyamide blends. Polymers and Polymer Composites, 2021, 29, 714-723. | 1.0 | 1 |
| 8 | Preparation and characterization of modified castor oil via photoâ€click chemistry for UV â€curable waterborne polyurethane with enhanced water resistance and low conductive percolation threshold. Journal of Applied Polymer Science, 2021, 138, 49913. | 1.3 | 4 |
| 9 | A green approach to preparing hydrophobic, electrically conductive textiles based on waterborne polyurethane for electromagnetic interference shielding with low reflectivity. Chemical Engineering Journal, 2021, 421, 127749. | 6.6 | 59 |
| 10 | A self-healable, stretchable, tear-resistant and sticky elastomer enabled by a facile polymer blends strategy. Journal of Materials Chemistry A, 2021, 9, 3931-3939. | 5.2 | 15 |
| 11 | Effects of crosslinking reaction and extension strain on the electrical properties of silicone rubber/carbon nanofiller composites. Journal of Applied Polymer Science, 2021, 138, 50727. | 1.3 | 5 |
| 12 | Preparation and performance of graphene/carbon black silicone rubber composites used for highly sensitive and flexible strain sensors. Sensors and Actuators A: Physical, 2021, 323, 112659. | 2.0 | 30 |
| 13 | Graphene-Based Films: Fabrication, Interfacial Modification, and Applications. Nanomaterials, 2021, 11, 2539. | 1.9 | 11 |
| 14 | Thermal conductivity enhancement of alumina/silicone rubber composites through constructing a thermally conductive 3D framework. Polymer Bulletin, 2020, 77, 2139-2153. | 1.7 | 30 |
| 15 | Enhancement of thermal conductivity and mechanical properties of silicone rubber composites by using acrylate grafted siloxane copolymers. Chemical Engineering Journal, 2020, 391, 123476. | 6.6 | 42 |
| 16 | Graphene quantum dots interfacial-decorated hierarchical Ni/PS core/shell nanocapsules for tunable microwave absorption. Journal of Alloys and Compounds, 2020, 848, 156529. | 2.8 | 12 |
| 17 | Performance improvement of alumina/silicone rubber composites by adding 3â€(trimethoxysilyl)propyl methacrylate grafted siloxane copolymer. Polymer Composites, 2020, 41, 4842-4848. | 2.3 | 10 |
| 18 | Preparation of high-performance styrene-butadiene rubber composites by the addition of a hydroxyapatite-tannic acid reduced graphene oxide hybrid. Composites Science and Technology, 2020, 200, 108406. | 3.8 | 11 |

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| 19 | A bi-directional thermal-driven actuator with conductionâ€toâ€insulation transformation behavior and its applications in overheating protection and early warning of fire. Sensors and Actuators A: Physical, 2020, 312, 112084. | 2.0 | 4 |
| 20 | Improving water resistance of waterborne polyurethane coating with high transparency and good mechanical properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 124994. | 2.3 | 41 |
| 21 | Vertically aligned silicon carbide nanowires/reduced graphene oxide networks for enhancing the thermal conductivity of silicone rubber composites. Composites Part A: Applied Science and Manufacturing, 2020, 133, 105873. | 3.8 | 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. Materials Today Communications, 2020, 23, 100840. | 0.9 | 8 |
| 23 | Stretchable conductor based on carbon nanotube/carbon black silicone rubber nanocomposites with highly mechanical, electrical properties and strain sensitivity. Composites Part B: Engineering, 2020, 191, 107979. | 5.9 | 86 |
| 24 | A facile route to fabricate thermally conductive and electrically insulating polymer composites with 3D interconnected graphene at an ultralow filler loading. Nanoscale, 2019, 11, 15234-15244. | 2.8 | 44 |
| 25 | Effect of an interface layer on thermal conductivity of polymer composites studied by the design of double-layered and triple-layered composites. International Journal of Heat and Mass Transfer, 2019, 141, 1049-1055. | 2.5 | 15 |
| 26 | Enhanced thermal oxidative stability of silicone rubber by using cerium-ferric complex oxide as thermal oxidative stabilizer. E-Polymers, 2019, 19, 257-267. | 1.3 | 5 |
| 27 | Peroxide crosslinked butyl rubber composites using TEMPO and sorbates. Composites Science and Technology, 2019, 183, 107805. | 3.8 | 7 |
| 28 | Magnetic aligned Fe3O4-reduced graphene oxide/waterborne polyurethane composites with controllable structure for high microwave absorption capacity. Carbon, 2019, 152, 661-670. | 5.4 | 65 |
| 29 | Conducting and stretchable composites using sandwiched graphene-carbon nanotube hybrids and styrene-butadiene rubber. Carbon, 2019, 149, 181-189. | 5.4 | 31 |
| 30 | From two-dimensional to three-dimensional structures: A superior thermal-driven actuator with switchable deformation behavior. Chemical Engineering Journal, 2019, 360, 680-685. | 6.6 | 12 |
| 31 | Effect of Electron Beam Irradiation on Thermal and Mechanical Properties of Polyamide Copolymer/Multiwall Carbon Nanotube Composites. Journal of Shanghai Jiaotong University (Science), 2019, 24, 12-18. | 0.5 | 2 |
| 32 | Effect of Electron Beam Irradiation on the Mechanical and Thermal Properties of Ternary Polyamide Copolymer. Macromolecular Research, 2018, 26, 359-364. | 1.0 | 10 |
| 33 | Interfacial Interaction Analysis of Blends of Poly(vinylidene fluoride) and Poly(ethyleneâ€“butylacrylateâ€“glycidyl methacrylate) Compatibilized by Poly(butylene succinate): Morphologies, Rheological Behavior, and Mechanical Properties. Polymer-Plastics Technology and Engineering, 2018, 57, 206-217. | 1.9 | 0 |
| 34 | Effects of liquid polyisoprene and magnesium oxide on the mechanical properties of styreneâ€butadiene rubber/carbon nanotubes composite. Polymer Composites, 2018, 39, E765. | 2.3 | 5 |
| 35 | High thermal conductivity and stretchability of layer-by-layer assembled silicone rubber/graphene nanosheets multilayered films. Composites Part A: Applied Science and Manufacturing, 2018, 105, 1-8. | 3.8 | 67 |
| 36 | Crosslink network evolution of BIIR/EPDM blends during peroxide vulcanization. Polymer Testing, 2017, 59, 253-261. | 2.3 | 26 |

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| 37 | Effect of octadecylamine modified graphene on thermal stability, mechanical properties and gas barrier properties of brominated butyl rubber. Macromolecular Research, 2017, 25, 270-275. | 1.0 | 21 |
| 38 | Rheological behavior of ethyleneâ€“vinyl acetate copolymer and fabrication of micropyramid arrays by rollâ€toâ€roll hot embossing on its thin films. Journal of Applied Polymer Science, 2017, 134, 45228. | 1.3 | 3 |
| 39 | Carbon nanotube/reduced graphene oxide hybrid for simultaneously enhancing the thermal conductivity and mechanical properties of styrene -butadiene rubber. Carbon, 2017, 123, 158-167. | 5.4 | 85 |
| 40 | Improving thermal conductivity of styrene-butadiene rubber composites by incorporating mesoporous silica@solvothermal reduced graphene oxide hybrid nanosheets with low graphene content. Composites Science and Technology, 2017, 150, 174-180. | 3.8 | 36 |
| 41 | Enhanced mechanical and thermal properties of SBR composites by introducing graphene oxide nanosheets decorated with silica particles. Composites Part A: Applied Science and Manufacturing, 2017, 102, 236-242. | 3.8 | 44 |
| 42 | Study on calcium fluoride modified graphene/brominated butyl rubber nanocomposites. Polymer Bulletin, 2017, 74, 4959-4972. | 1.7 | 3 |
| 43 | Regulation of transâ€1,4â€polyisoprene crystallinity and mechanical properties of styreneâ€butadiene rubber/transâ€1,4â€polyisoprene vulcanizate. Journal of Applied Polymer Science, 2017, 134, . | 1.3 | 3 |
| 44 | Understanding of intermolecular interaction in PVDF/PTW blends: Crystallization behavior, thermal, and dynamic mechanical properties. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 5 |
| 45 | Graft copolymerization of methyl methacrylate from brominated poly(isobutyleneâ€coâ€isoprene) via atom transfer radical polymerization. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 0 |
| 46 | Preparation and properties of octadecylamine modified graphene oxide/styreneâ€butadiene rubber composites through an improved melt compounding method. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 13 |
| 47 | Structure and properties of surface-acetylated cellulose nanocrystal/poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 | 1.7 | 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. European Polymer Journal, 2016, 84, 1-12. | 2.6 | 26 |
| 49 | Bioinspired Graphene Oxide/Polymer Nanocomposite Paper with High Strength, Toughness, and Dielectric Constant. ACS Applied Materials & Interfaces, 2016, 8, 31264-31272. | 4.0 | 72 |
| 50 | Influence of 1,2â€polybutadiene on properties of dicumyl peroxide cured brominated butyl rubber. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 11 |
| 51 | Improving the filler dispersion of polychloroprene/carboxylated multi-walled carbon nanotubes composites by non-covalent functionalization of carboxylated ionic liquid. Composites Science and Technology, 2016, 123, 171-178. | 3.8 | 45 |
| 52 | Reinforcement effect of poly(butylene succinate) (PBS)-grafted cellulose nanocrystal on toughened PBS/polylactic acid blends. Carbohydrate Polymers, 2016, 140, 374-382. | 5.1 | 111 |
| 53 | Compatibility and nonlinear viscoelasticity of polychloroprene/polyvinyl chloride blends with nitrile butadiene rubber as a compatibilizer. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 4 |
| 54 | Graphene oxide as a covalent-crosslinking agent for EVM-g-PA6 thermoplastic elastomeric nanocomposites. RSC Advances, 2015, 5, 39042-39051. | 1.7 | 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. | 1.7 | 8 |
| 56 | Bio-based poly(lactide)/ethylene-co-vinyl acetate thermoplastic vulcanizates by dynamic crosslinking: structure vs. property. RSC Advances, 2015, 5, 15962-15968. | 1.7 | 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. | 1.2 | 11 |
| 58 | Poly(butylene succinate -co- butylene adipate)/cellulose nanocrystal composites modified with phthalic anhydride. Carbohydrate Polymers, 2015, 134, 52-59. | 5.1 | 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. | 1.7 | 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. | 3.2 | 68 |
| 61 | Structure and properties of nylon 1010/ethylene-vinyl acetate rubber-based dynamically vulcanized thermoplastic elastomers filled with SiO<sub>2</sub>. Polymer Engineering and Science, 2015, 55, 581-588. | 1.5 | 6 |
| 62 | Nonlinear viscoelasticity and stressâ€softening behavior of chloroprene rubber reinforced by multiwalled carbon nanotubes. Polymer Composites, 2014, 35, 2194-2202. | 2.3 | 12 |
| 63 | Mechanical and microwave absorbing properties of in situ prepared hydrogenated acrylonitrileâ€“butadiene rubber/rare earth acrylate composites. Composites Part B: Engineering, 2014, 56, 497-503. | 5.9 | 21 |
| 64 | In situ esterâ€“amide exchange reaction between polyamide 6 and ethyleneâ€vinyl acetate rubber during melt blending. Journal of Applied Polymer Science, 2014, 131, . | 1.3 | 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. | 1.2 | 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. | 2.3 | 16 |
| 67 | Reactive processing of ethylene-vinyl acetate rubber/polyamide blends via a dynamic transesterification reaction. Polymer Bulletin, 2014, 71, 1505-1521. | 1.7 | 7 |
| 68 | Study on esterâ€“amide exchange reactions between Nylon 1010 and Ethyleneâ€vinyl acetate rubber. Journal of Applied Polymer Science, 2014, 131, . | 1.3 | 1 |
| 69 | Effect of partial crosslinking on morphology and properties of the poly(Î²-hydroxybutyrate)/poly(d,l-lactic acid) blends. Polymer Degradation and Stability, 2013, 98, 1549-1555. | 2.7 | 62 |
| 70 | Physical properties and crystallization behavior of ethylene-vinyl acetate rubber/polyamide/graphene oxide thermoplastic elastomer nanocomposites. RSC Advances, 2013, 3, 26166. | 1.7 | 13 |
| 71 | Thermal conductivity of micro/nano filler filled polymeric composites. RSC Advances, 2013, 3, 6417. | 1.7 | 21 |
| 72 | Structure/Property Relationships of Partially Crosslinked Poly(butylene succinate). Macromolecular Materials and Engineering, 2013, 298, 910-918. | 1.7 | 21 |

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| 73 | Morphology and mechanical properties of ethyleneâ€vinyl acetate rubber/polyamide thermoplastic elastomers. Journal of Applied Polymer Science, 2013, 130, 338-344. | 1.3 | 18 |
| 74 | Microwaveâ€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. Journal of Applied Polymer Science, 2013, 130, 345-351. | 1.3 | 13 |
| 75 | Effects of blending time and catalyst on the properties of nylon 1010/acrylate rubber blends. Journal of Applied Polymer Science, 2013, 130, 4587-4597. | 1.3 | 0 |
| 76 | Prediction of thermal conductivity of SiC-filled emulsion-polymerized styrene-butadiene rubber composites by finite element method. Journal of Reinforced Plastics and Composites, 2012, 31, 1586-1598. | 1.6 | 7 |
| 77 | Effect of liquid isoprene rubber on dynamic mechanical properties of emulsionpolymerized styrene/butadiene rubber vulcanizates. Polymer International, 2012, 61, 531-538. | 1.6 | 15 |
| 78 | Toughening of PHBV/PBS and PHB/PBS Blends via In situ Compatibilization Using Dicumyl Peroxide as a Freeâ€Radical Grafting Initiator. Macromolecular Materials and Engineering, 2012, 297, 402-410. | 1.7 | 140 |
| 79 | Enhanced microwave absorbing performance of hydrogenated acrylonitrileâ€“butadiene rubber/multi-walled carbon nanotube composites by in situ prepared rare earth acrylates. Composites Science and Technology, 2012, 72, 696-701. | 3.8 | 29 |
| 80 | Electromagnetic characteristic and microwave absorbing performance of different carbon-based hydrogenated acrylonitrileâ€“butadiene rubber composites. Materials Chemistry and Physics, 2012, 133, 176-181. | 2.0 | 45 |
| 81 | A study on the curing kinetics of epoxycyclohexyl polyhedral oligomeric silsesquioxanes and hydrogenated carboxylated nitrile rubber by dynamic differential scanning calorimetry. Journal of Applied Polymer Science, 2012, 123, 3128-3136. | 1.3 | 11 |
| 82 | Green Approach To Prepare Graphene-Based Composites with High Microwave Absorption Capacity. Journal of Physical Chemistry C, 2011, 115, 11673-11677. | 1.5 | 314 |
| 83 | Effect of ethylene-acrylic acid copolymer on flame retardancy and properties of LLDPE/EAA/MH composites. Polymer Degradation and Stability, 2011, 96, 2215-2220. | 2.7 | 29 |
| 84 | Study on thermally conductive ESBR vulcanizates. Polymer Bulletin, 2011, 67, 1091-1104. | 1.7 | 17 |
| 85 | An investigation into synergistic effects of rare earth oxides on intumescent flame retardancy of polypropylene/poly (octyleneâ€coâ€ethylene) blends. Polymers for Advanced Technologies, 2011, 22, 1414-1421. | 1.6 | 35 |
| 86 | Curing reactions and properties of organicâ€“inorganic composites from hydrogenated carboxylated nitrile rubber and epoxycyclohexyl polyhedral oligomeric silsesquioxanes. Polymer International, 2011, 60, 422-429. | 1.6 | 15 |
| 87 | Thermal degradation behavior of lowâ€halogen flame retardant PC/PPFBS/PDMS. Journal of Applied Polymer Science, 2011, 119, 2730-2736. | 1.3 | 11 |
| 88 | Study on the properties of ethylene-vinyl acetate rubber vulcanizate filled with superfluous magnesium hydroxide/methacrylic acid. Journal of Applied Polymer Science, 2011, 119, 1813-1819. | 1.3 | 7 |
| 89 | Synergistic effect of vermiculite on the intumescent flame retardance of polypropylene. Journal of Applied Polymer Science, 2011, 120, 1225-1233. | 1.3 | 32 |
| 90 | Effect of methacrylic acid on the properties of Ethyleneâ€“Vinylene acetate rubber vulcanizates reinforced by magnesium hydroxide. Journal of Applied Polymer Science, 2011, 121, 279-285. | 1.3 | 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. | 1.3 | 7 |
| 92 | Reinforcement of hydrogenated carboxylated nitrileâ€“butadiene rubber with exfoliated graphene oxide. Carbon, 2011, 49, 1608-1613. | 5.4 | 164 |
| 93 | Hydrogenated carboxylated nitrile rubber/modified zinc carbonate basic composites with photoluminescence properties. European Polymer Journal, 2011, 47, 1135-1141. | 2.6 | 10 |
| 94 | Blends of poly(2,6â€dimethylâ€1,4â€phenylene oxide)/polyamide 6 toughened by maleated polystyreneâ€based copolymers: Mechanical properties, morphology, and rheology. Journal of Applied Polymer Science, 2010, 115, 3385-3392. | 1.3 | 26 |
| 95 | Compatibilization of poly(2,6â€dimethylâ€1,4â€phenylene oxide)/polyamide 6 blends with styreneâ€“maleic anhydride copolymer: Mechanical properties, morphology, crystallization, and melting behavior. Journal of Applied Polymer Science, 2010, 118, 3545-3551. | 1.3 | 12 |
| 96 | Thermal degradation behavior of styreneâ€butadieneâ€styrene triâ€block copolymer/multiwalled carbon nanotubes composites. Journal of Applied Polymer Science, 2009, 112, 524-531. | 1.3 | 33 |
| 97 | Investigation on the fracture behavior and morphology of maleated poly(ethylene 1â€octene) toughened and glass fiberâ€reinforced nylon 1010. Journal of Applied Polymer Science, 2009, 113, 181-189. | 1.3 | 7 |
| 98 | Nonisothermal decomposition kinetics of nylon 1010/POSS composites. Journal of Applied Polymer Science, 2009, 113, 17-23. | 1.3 | 16 |
| 99 | Morphology, rheological behavior, and thermal stability of PLA/PBSA/POSS composites. Journal of Applied Polymer Science, 2009, 113, 3095-3102. | 1.3 | 73 |
| 100 | Morphology, mechanical properties, and thermal stability of poly(<scp>L</scp>â€lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (a Science, 2009, 113, 3630-3637. | 1.3 | 21 |
| 101 | Mechanical properties, flame retardancy, hotâ€air ageing, and hotâ€oil ageing resistance of ethyleneâ€vinyl acetate rubber/hydrogenated nitrileâ€butadiene rubber/magnesium hydroxide composites. Journal of Applied Polymer Science, 2009, 114, 3310-3318. | 1.3 | 16 |
| 102 | Toughening modification of PLLA/PBS blends via in situ compatibilization. Polymer Engineering and Science, 2009, 49, 26-33. | 1.5 | 242 |
| 103 | Toughening effects of ethyleneâ€“vinyl acetate copolymers with different vinyl acetate content and viscosity on nylon 1010 blends. Polymer Engineering and Science, 2009, 49, 2393-2399. | 1.5 | 3 |
| 104 | Morphology, mechanical properties, and durability of poly(lactic acid) plasticized with Di(isononyl) cyclohexaneâ€1,2â€dicarboxylate. Polymer Engineering and Science, 2009, 49, 2414-2420. | 1.5 | 39 |
| 105 | Toughening effect of ethyleneâ€vinyl acetate rubber on nylon 1010 compatibilized by maleated ethyleneâ€vinyl acetate copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 434-444. | 2.4 | 17 |
| 106 | Effect of EVM/EVAâ€gâ€MAH ratio on the structure and properties of nylon 1010 blends. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 877-887. | 2.4 | 11 |
| 107 | Effect of PPOâ€gâ€MA on structures and properties of PPO/PA6/short glass fiber composites. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 2188-2197. | 2.4 | 20 |
| 108 | Morphology and electrical properties of polyamide 6/polypropylene/multi-walled carbon nanotubes composites. Composites Science and Technology, 2009, 69, 2212-2217. | 3.8 | 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. | 1.3 | 29 |
| 110 | Properties of poly(butylene terephthalate) chainâ€extended by epoxycyclohexyl polyhedral oligomeric silsesquioxane. Journal of Applied Polymer Science, 2008, 107, 825-830. | 1.3 | 15 |
| 111 | Polyamide 6/maleated ethyleneâ€“propyleneâ€“diene rubber/organoclay composites with or without glycidyl methacrylate as a compatibilizer. Journal of Applied Polymer Science, 2008, 110, 1870-1879. | 1.3 | 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. | 2.7 | 75 |
| 113 | Reinforcement of hydrogenated carboxylated nitrileâ€“butadiene rubber by multi-walled carbon nanotubes. Applied Surface Science, 2008, 255, 2162-2166. | 3.1 | 68 |
| 114 | Reinforcement of styreneâ€“butadieneâ€“styrene tri-block copolymer by multi-walled carbon nanotubes via melt mixing. Carbon, 2007, 45, 2621-2627. | 5.4 | 66 |
| 115 | Electrical properties and conductive mechanisms of immiscible polypropylene/Novolac blends filled with carbon black. European Polymer Journal, 2007, 43, 5097-5106. | 2.6 | 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. | 2.4 | 73 |
| 117 | Thermal stability, flame retardancy and rheological behavior of ABS filled with magnesium hydroxide sulfate hydrate whisker. Polymer Bulletin, 2007, 58, 747-755. | 1.7 | 28 |
| 118 | Microstructure, Interfacial Interactions, and Rheological Properties of PC/AES/Montmorillonite Composites. Journal of Macromolecular Science - Physics, 2006, 45, 1159-1169. | 0.4 | 3 |
| 119 | Rheological Properties and Morphology of PC/AES Blends. Journal of Macromolecular Science - Physics, 2006, 45, 987-1004. | 0.4 | 4 |
| 120 | Reinforcement effect of MAA on nano-CaCo3-filled EPDM vulcanizates and possible mechanism. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1226-1236. | 2.4 | 31 |
| 121 | Effect of silicon dioxide on crystallization and melting behavior of polypropylene. Journal of Applied Polymer Science, 2006, 100, 1889-1898. | 1.3 | 34 |
| 122 | Rheological properties of PDMS filled with CaCo3: The effect of filler particle size and concentration. Journal of Applied Polymer Science, 2006, 101, 3395-3401. | 1.3 | 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. | 1.3 | 99 |
| 124 | Fracture behavior of PVC/Blendex/nano-CaCO3 composites. Journal of Applied Polymer Science, 2005, 95, 953-961. | 1.3 | 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. | 2.4 | 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. | 2.4 | 19 |

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| 127 | Fracture morphology and mechanical properties of ethylene/vinyl acetate rubber vulcanizates reinforced byin situ prepared sodium methacrylate. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 1715-1724. | 2.4 | 14 |
| 128 | Influence of the clay modification and compatibilizer on the structure and mechanical properties of ethylene-propylene-diene rubber/montmorillonite composites. Journal of Applied Polymer Science, 2004, 92, 638-646. | 1.3 | 94 |
| 129 | Processing thermal stability and degradation kinetics of poly(vinyl chloride)/montmorillonite composites. Journal of Applied Polymer Science, 2004, 92, 1521-1526. | 1.3 | 31 |
| 130 | Polymerization conversion and structure of magnesium methacrylate in ethylene-vinyl acetate rubber vulcanizates. Journal of Applied Polymer Science, 2004, 93, 2379-2384. | 1.3 | 10 |
| 131 | Effects of silane coupling agents on the vulcanization characteristics of natural rubber. Journal of Applied Polymer Science, 2004, 94, 1511-1518. | 1.3 | 41 |
| 132 | Effect of dynamic vulcanization on properties and morphology of nylon/SAN/NBR blends: A new compatibilization method of nylon/ABS blends. Journal of Applied Polymer Science, 2003, 87, 2057-2062. | 1.3 | 13 |
| 133 | Mechanical properties of high-density polyethylene/scrap rubber powder composites modified with ethylene-propylene-diene terpolymer, dicumyl peroxide, and silicone oil. Journal of Applied Polymer Science, 2003, 88, 2020-2027. | 1.3 | 26 |
| 134 | Polyamide-reinforced ethylene-propylene-diene rubber compatibilized with chlorinated polyethylene. Journal of Applied Polymer Science, 2003, 89, 1727-1736. | 1.3 | 3 |
| 135 | Properties of EVM vulcanizates reinforced byin situ prepared sodium methacrylate. Journal of Applied Polymer Science, 2003, 89, 2192-2200. | 1.3 | 21 |
| 136 | EPDM/polyamide TPV compatibilized by chlorinated polyethylene. Polymer Testing, 2003, 22, 9-16. | 2.3 | 51 |
| 137 | Brittleâ€“ductile transition of PP/POE blends in both impact and high speed tensile tests. Polymer, 2003, 44, 5047-5052. | 1.8 | 139 |
| 138 | Reinforcement of EPDM byin situ prepared zinc dimethacrylate. Journal of Applied Polymer Science, 2002, 84, 1339-1345. | 1.3 | 100 |
| 139 | In situ preparation of magnesium methacrylate to reinforce NBR. Journal of Applied Polymer Science, 2002, 84, 1403-1408. | 1.3 | 28 |
| 140 | Reinforcement of peroxide-cured styrene-butadiene rubber vulcanizates by mathacrylic acid and magnesium oxide. Journal of Applied Polymer Science, 2002, 85, 2667-2676. | 1.3 | 32 |
| 141 | Effect of magnesium methacrylate on the mechanical properties of EVM vulcanizate. Polymer Testing, 2002, 21, 889-895. | 2.3 | 35 |
| 142 | Effect of Methacrylic Acid on the Mechanical Properties of Peroxide-Cured Sbr Vulcanizates Filled with Al(Oh)<sub>3</sub>. Polymers and Polymer Composites, 2001, 9, 523-529. | 1.0 | 4 |
| 143 | Metallic Methacrylate as a Reactive Filler to Reinforce Ethylene-Propylene-Diene Rubber. Polymers and Polymer Composites, 2001, 9, 275-282. | 1.0 | 21 |
| 144 | Enhanced positive temperature coefficient effect by crosslinking reaction for silicone rubber/carbon black composites with high pressure sensitivity. Journal of Applied Polymer Science, 0, , 51682. | 1.3 | 5 |

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| 145 | Effect of Pyrolysis Carbon Black from Waste Tire on the Mechanical Properties of SSBR/BR Blend. Macromolecular Materials and Engineering, 0, , 2100944. | 1.7 | 3 |