Hui xuan Zhang

List of Publications by Year
in descending order

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134 papers	1,941 citations	279798 23 h-index	395702 33 g-index
134 all docs	134 docs citations	134 times ranked	1985 citing authors

#	Article	IF	Citations
1	Tuning Molecular Composition for Better Cross-section Homogeneity of Thermal Oxidative Stabilized Polyacrylonitrile for Carbon Materials. Fibers and Polymers, 2022, 23, 1515-1524.	2.1	2
2	Waterborne polyurethaneâ€acrylateâ€polyaniline: Interfacial hydrogen bonding for enhancing the antistatic, damping, and mechanical properties. Polymers for Advanced Technologies, 2022, 33, 2667-2681.	3.2	12
3	The role of structural evolution of polyacrylonitrile fibers during thermal oxidative stabilization on mechanical properties. Journal of Applied Polymer Science, 2021, 138, .	2.6	19
4	Hydroxylâ€terminated polybutadiene based waterborne polyurethane acrylate emulsions: Synthesis, characterization, and damping property. Journal of Applied Polymer Science, 2021, 138, 50300.	2.6	6
5	Sustainable composites from biodegradable poly(butylene succinate) modified with thermoplastic starch and poly(butylene adipate-co-terephthalate): preparation and performance. New Journal of Chemistry, 2021, 45, 17384-17397.	2.8	11
6	Effect of nitrogen pretreatment on the skinâ€core structure of thermal oxidative stabilization polyacrylonitrile fibers. Journal of Applied Polymer Science, 2021, 138, 50920.	2.6	4
7	Preparation and Characterization of Glucose and Sulfamate Doubleâ€Modified Biodegradable Waterborne Polyurethane. ChemistrySelect, 2021, 6, 8140-8149.	1.5	3
8	Structure and performance of waterborne polyurethane-acrylate composite emulsions for industrial coatings: effect of preparation methods. Colloid and Polymer Science, 2020, 298, 139-149.	2.1	15
9	Lipophilic modification of T-ZnOw and optical properties of T-ZnOw/PVB composite films. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	6
10	Improved compatibility of PET/HDPE blend by using GMA grafted thermoplastic elastomer. Polymer-Plastics Technology and Materials, 2020, 59, 1887-1898.	1.3	3
11	A rapid self-healing hydrogel based on PVA and sodium alginate with conductive and cold-resistant properties. Soft Matter, 2020, 16, 3319-3324.	2.7	52
12	The effects of chemical reaction on the microstructure and mechanical properties of polyacrylonitrile (PAN) precursor fibers. Journal of Materials Science, 2019, 54, 12592-12604.	3.7	27
13	Effects of the molecular structure on the vibration reduction and properties of hyperbranched waterborne polyurethaneâ€“acrylate for damping coatings. Journal of Applied Polymer Science, 2019, 136, 47733.	2.6	11
14	Synthesis and properties of novel cross-linked composite sulfonated poly (aryl ether ketone sulfone) containing multiple sulfonic side chains for high-performance proton exchange membranes. Renewable Energy, 2019, 138, 1104-1113.	8.9	37
15	Solidâ€“Liquid Equilibrium of Isomaltulose in Five Pure Solvents and Four Binary Solvents from (283.15) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	13
16	The surface modification of diatomite, thermal, and mechanical properties of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (ch	3.4	12
17	Contribution of Ungrafted Segments in Core-Shell Impact Modifier in the Toughening of PBT Resins by Epoxy Functionalized Poly(Butadiene-graft-Styrene). Polymer-Plastics Technology and Engineering, 2018, 57, 1697-1705.	1.9	4
18	Comprehensive and quantitative study on the thermal oxidative stabilization reactions in poly(acrylonitrileâ€coâ€itaconic acid) copolymer. Journal of Applied Polymer Science, 2018, 135, 45934.	2.6	11

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19	Detailed Cyclization Pathways Identification of Polyacrylonitrile and Poly(acrylonitrile-co-itaconic acid) by in Situ FTIR and Two-Dimensional Correlation analysis. Industrial & Engineering Chemistry Research, 2018, 57, 8348-8359.	3.7	27
20	Facile synthesis of large sized and monodispersed polymer particles using particle coagulation mechanism: an overview. Colloid and Polymer Science, 2017, 295, 749-757.	2.1	11
21	Study on the multiple cyclization reactions and the formed structures in poly(acrylonitrileâ€coâ€itaconic acid) copolymers during thermal treatment. Polymers for Advanced Technologies, 2017, 28, 1662-1669.	3.2	8
22	Super-tough, ultra-stretchable and strongly compressive hydrogels with coreâ€“shell latex particles inducing efficient aggregation of hydrophobic chains. Soft Matter, 2017, 13, 3352-3358.	2.7	21
23	Origin and model of transform faults in the Okinawa Trough. Marine Geophysical Researches, 2017, 38, 137-147.	1.2	3
24	Modification of the reactive core-shell particles properties to prepare PBT/PC blends with higher toughness and stiffness. Journal of Polymer Research, 2017, 24, 1.	2.4	9
25	Study on the thermal oxidative stabilization reactions and the formed structures in polyacrylonitrile during thermal treatment. Polymer Degradation and Stability, 2017, 140, 104-113.	5.8	44
26	A facile functionalized routine for the synthesis of side-chain sulfonated poly(arylene ether ketone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.1	26
27	Rapidly recoverable, anti-fatigue, super-tough double-network hydrogels reinforced by macromolecular microspheres. Soft Matter, 2017, 13, 1357-1363.	2.7	47
28	Study on thermal oxidative stabilization reactions of poly(acrylonitrileâ€coâ€itaconic acid) copolymers synthesized at different polymerization stages. Journal of Applied Polymer Science, 2017, 134, 45245.	2.6	8
29	Research of the synthesis and film performance of silica/poly(St-BA-MPS) core-shell latexes obtained by miniemulsion co-polymerization. Macromolecular Research, 2017, 25, 408-414.	2.4	1
30	Effect of wood flour as nucleating agent on the isothermal crystallization of poly(lactic acid). Polymers for Advanced Technologies, 2017, 28, 252-260.	3.2	25
31	Synthesis of large-scale, narrowly dispersed, highly cross-linked, and spherical latex particles via one-step emulsion polymerization through particle coagulation. Journal of Dispersion Science and Technology, 2017, 38, 1147-1153.	2.4	1
32	Crosslinking network structure governing particle shape and size distribution by one-step emulsion polymerization in the presence of particle coagulation. Journal of Dispersion Science and Technology, 2017, 38, 1295-1301.	2.4	1
33	Effect of the matrix plasticization behavior on mechanical properties of PVC/ABS blends. Journal of Polymer Engineering, 2017, 37, 239-245.	1.4	10
34	Initiator Systems Effect on Particle Coagulation and Particle Size Distribution in One-Step Emulsion Polymerization of Styrene. Polymers, 2016, 8, 55.	4.5	37
35	Cenozoic tectonic migration in the Bohai Bay Basin, East China. Geological Journal, 2016, 51, 188-202.	1.3	26
36	The suitable itaconic acid content in polyacrylonitrile copolymers used for PANâ€based carbon fibers. Journal of Applied Polymer Science, 2016, 133, .	2.6	20

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37	Enhanced properties of poly(lactic acid) with silica nanoparticles. Polymers for Advanced Technologies, 2016, 27, 1156-1163.	3.2	44
38	Gravity anomaly in the southern South China Sea: a connection of Moho depth to the nature of the sedimentary basins' crust. Geological Journal, 2016, 51, 244-262.	1.3	14
39	Simulation of oilâ€“gas migration and accumulation in the East China Sea Continental Shelf Basin: a case study from the Xihu Depression. Geological Journal, 2016, 51, 229-243.	1.3	17
40	In situ charge neutralization on governing particle coagulation nucleation and size distribution in macroemulsion polymerization. RSC Advances, 2016, 6, 88701-88706.	3.6	2
41	Enhanced properties of poly(vinylidene fluoride) with low filler content SiO2-g-(MMA-co-BA) core-shell nanoparticles. Journal of Polymer Research, 2016, 23, 1.	2.4	7
42	Study of Lanthanide Complexes with BTFA in Silica Gels by Photoacoustic Spectroscopy. International Journal of Thermophysics, 2016, 37, 1.	2.1	2
43	Toughness, dynamic mechanical property, and morphology of polyvinylchloride/acrylonitrile-styrene-butyl acrylate blends. Journal of Vinyl and Additive Technology, 2016, 22, 43-50.	3.4	8
44	Toughening of chlorinated polyvinylchloride with acrylonitrile-butadiene-styrene graft copolymers. Journal of Vinyl and Additive Technology, 2016, 22, 13-18.	3.4	2
45	Preparation, characterization and enhanced performance of functional crosslinked membranes using poly(vinyl alcohol) as macromolecular crosslinker for fuel cells. RSC Advances, 2016, 6, 41428-41438.	3.6	8
46	Photoacoustic Study on the Structural Variation of Titania Nanomaterials Using the Pr (III) Ion as a Spectral Probe. International Journal of Thermophysics, 2016, 37, 1.	2.1	0
47	Effect of core-shell particles dispersed morphology on the toughening behavior of PBT/PC blends. Journal of Polymer Research, 2016, 23, 1.	2.4	8
48	In situ charge neutralization-controlled particle coagulation and its effects on the particle size distribution in the one-step emulsion polymerization. European Polymer Journal, 2016, 83, 278-287.	5.4	18
49	Effect of matrix chain entanglement on toughening mechanism evolution of acrylic impact modifier toughened methyl methacrylate-N-phenylmaleimide copolymers. Journal of Polymer Research, 2016, 23, 1.	2.4	4
50	Rapid formation of highly stretchable and notch-insensitive hydrogels. RSC Advances, 2016, 6, 30570-30576.	3.6	11
51	Direct polymerization of novel functional sulfonated poly(arylene ether ketone sulfone)/sulfonated poly(vinyl alcohol) with high selectivity for fuel cells. RSC Advances, 2016, 6, 27725-27737.	3.6	27
52	Preparation of monodisperse, sub-micrometer polymer particles by one-step emulsion polymerization under particle coagulation. Colloid and Polymer Science, 2016, 294, 787-793.	2.1	9
53	A novel approach to prepare large-scale and narrow-dispersed latex particles by emulsion polymerization based on particle coagulation mechanism. Designed Monomers and Polymers, 2016, 19, 119-127.	1.6	3
54	Stabilizing effect of oxygen on the initial stages of poly(methyl methacrylate) degradation. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1459-1467.	3.6	3

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55	Synthesis of Sub-100Ânm and Narrow Particle Size Distribution Cationic Latex by One-Step Emulsion Polymerization. Journal of Dispersion Science and Technology, 2016, 37, 48-55.	2.4	2
56	Effect of mixing poly(lactic acid) with glycidyl methacrylate grafted poly(ethylene octene) on optical and mechanical properties of the blown films. Polymer Engineering and Science, 2015, 55, 2801-2813.	3.1	18
57	Toughening Polystyrene by Core-Shell Rubber Particles: Analysis of the Internal Structure and Properties. Polymers and Polymer Composites, 2015, 23, 317-324.	1.9	5
58	In-situ Forming Composite Coating by Laser Cladding C/B₄C. Materials and Manufacturing Processes, 2015, 30, 743-747.	4.7	23
59	Synergistic Effect of Polycarbonate on Reactive Core-Shell Particles Toughened Poly(Butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	8
60	Kinetic study of RAFT homopolymerization and copolymerization in emulsion. Iranian Polymer Journal (English Edition), 2015, 24, 113-122.	2.4	4
61	Highâ€efficiency impact modifier prepared by coagulation emulsion polymerization through internal voiding toughening mechanism. Polymers for Advanced Technologies, 2015, 26, 182-189.	3.2	6
62	Assessment of miscibility, crystallization behaviors, and toughening mechanism of polylactide/acrylate copolymer blends. Polymer Engineering and Science, 2015, 55, 386-396.	3.1	40
63	Facile synthesis of large scale and narrow particle size distribution polymer particles via control particle coagulation during one-step emulsion polymerization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 484, 81-88.	4.7	22
64	Direct polymerization of a novel sulfonated poly(arylene ether ketone sulfone)/sulfonated poly(vinylalcohol) crosslinked membrane for direct methanol fuel cell applications. Journal of Membrane Science, 2015, 492, 505-517.	8.2	67
65	Particle Nucleation and Growth in the Emulsion Polymerization of Styrene: Effect of Monomer/Water Ratio and Electrolyte Concentration. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 147-154.	2.2	10
66	Effect of Polymer Characteristics on Particle Formation and Growth in Batch Emulsion Polymerization. Journal of Dispersion Science and Technology, 2015, 36, 1320-1326.	2.4	2
67	Mechanical properties, miscibility, thermal stability, and rheology of poly(propylene carbonate) and poly(ethylene-co-vinyl acetate) blends. Polymer Bulletin, 2015, 72, 851-865.	3.3	13
68	Crosslinking network structure effects on particle coagulation in the emulsion polymerization of styrene in methanol solution. Colloid and Polymer Science, 2015, 293, 1577-1581.	2.1	6
69	Structural evolution of poly(acrylonitrileâ€coâ€dimethyl itaconate) copolymer during thermal oxidative stabilization. Polymers for Advanced Technologies, 2015, 26, 322-329.	3.2	13
70	MICROSTRUCTURE AND WEAR RESISTANCE OF COMPOSITE COATING BY LASER CLADDING Al/TiN ON THE Tiâ€“6Alâ€“4V SUBSTRATE. Surface Review and Letters, 2015, 22, 1550044.	1.1	5
71	Inhibited transesterification on the properties of reactive core-shell particles toughened poly(butylene terephthalate) and polycarbonate blends. Journal of Polymer Research, 2015, 22, 1.	2.4	6
72	Compatibilization effect of MMA-co-GMA copolymers on the properties of polyamide 6/Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10	2.4	17

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73	Kinetic investigations of RAFT polymerization: Difunctional RAFT agent mediated polymerization of methyl methacrylate and styrene. Macromolecular Research, 2015, 23, 67-73.	2.4	5
74	Exothermal Behavior and Particle Scale Evolution in High Solid Content One-Step Batch Emulsion Polymerization. Journal of Dispersion Science and Technology, 2015, 36, 205-212.	2.4	5
75	Photoacoustic Study of $$mathrm{Y}^{3+}$$ Y 3 + -, $$mathrm{Tb}^{3+}$$ Tb 3 + - , and $$mathrm{Er}^{3+}$$ Er 3 + -Doped Zinc Oxide Nanocrystals. International Journal of Thermophysics, 2015, 36, 1336-1341.	2.1	3
76	Mechanical and Morphological Properties and Deformation Mechanisms of Acrylonitrile-Butadiene-Styrene/Poly(Ïµ-Caprolactone) Blends with Varied Matrix Composition. Journal of Macromolecular Science - Physics, 2014, 53, 1533-1542.	1.0	1
77	The influence of the arrangement of styrene in methyl methacrylate/butadiene/styrene on the properties of PMMA/SAN/MBS blends. Polymers for Advanced Technologies, 2014, 25, 273-278.	3.2	8
78	Modification of the coreâ€“shell ratio to prepare PB-g-(MMA-co-St-co-GMA) particle-toughened poly(butylene terephthalate) and polycarbonate blends with balanced stiffness and toughness. RSC Advances, 2014, 4, 58880-58887.	3.6	13
79	Kinetics study of living microemulsion polymerization mediated by reversible addition-fragmentation chain transfer. Journal of Polymer Research, 2014, 21, 1.	2.4	2
80	Structure evolution and mechanism of polyacrylonitrile and related copolymers during the stabilization. Journal of Materials Science, 2014, 49, 2864-2874.	3.7	59
81	Cavitation in hard/soft/hard three-layer core-shell structural rubber particles. Journal of Polymer Research, 2014, 21, 1.	2.4	1
82	Large-scale and narrow dispersed latex formation in batch emulsion polymerization of styrene in methanolâ€“water solution. Colloid and Polymer Science, 2014, 292, 519-525.	2.1	21
83	Effect of aqueous phase composition on particle coagulation behavior in batch emulsion polymerization of styrene. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 452, 159-164.	4.7	19
84	Effects of an itaconic acid comonomer on the structural evolution and thermal behaviors of polyacrylonitrile used for polyacrylonitrileâ€based carbon fibers. Journal of Applied Polymer Science, 2014, 131, .	2.6	22
85	Toughening of Poly(ethylene terephthalate) and Optimizing of the Compatibilization Between PET and EPDM by Functionalized EPDM. Polymer-Plastics Technology and Engineering, 2014, 53, 141-149.	1.9	8
86	Poly(methyl methacrylate)-b-poly(butyl acrylate) Block Copolymers Synthesized via RAFT Emulsion Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 279-285.	2.2	8
87	Preparation and characterization of poly(methyl methacrylate)/SiO2 organicâ€“inorganic hybrid materials via RAFT-mediated miniemulsion Polymerization. Journal of Polymer Research, 2014, 21, 1.	2.4	5
88	Synthesis and properties of a novel sulfonated poly(arylene ether ketone sulfone) membrane with a high Î²-value for direct methanol fuel cell applications. Electrochimica Acta, 2014, 146, 688-696.	5.2	35
89	Hydrophilicity of polymer effects on controlled particle coagulation in batch emulsion polymerization. Colloid and Polymer Science, 2014, 292, 1347-1353.	2.1	12
90	Sulfonated poly (arylene ether ketone sulfone)/ZrP composite membranes for medium-high temperature operation of PEMFC. Journal of Polymer Research, 2013, 20, 1.	2.4	10

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91	Modification of the grafting character to prepare PA6/ABS-g-MA blends with higher toughness and stiffness. Polymer Bulletin, 2013, 70, 1853-1862.	3.3	17
92	Preparation and Characterization of PMMA/MMT Organic-Inorganic Hybrid Materials via RAFT Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 653-660.	2.2	8
93	Toughening polystyrene by coreâ€“shell grafting copolymer polybutadiene-graft-polystyrene with potassium persulfate as initiator. Journal of Industrial and Engineering Chemistry, 2013, 19, 823-828.	5.8	8
94	Effect of Miscibility and Crystallization on the Mechanical Properties and Transparency of PVDF/PMMA Blends. Polymer-Plastics Technology and Engineering, 2013, 52, 221-227.	1.9	44
95	Toughening Poly (Vinyl Chloride) by PS/PB/PMMA Three-Layer Particles. Polymer-Plastics Technology and Engineering, 2013, 52, 814-819.	1.9	7
96	Influence of coreâ€“shell particles structure on the morphology and brittleâ€ductile transition of PBT/ABSâ€gâ€CMA blends. Polymer Composites, 2013, 34, 15-21.	4.6	22
97	Phase separation of impactâ€modified PVC/PMMA blends under meltâ€blending conditions. Journal of Vinyl and Additive Technology, 2013, 19, 11-17.	3.4	5
98	Synthesis and characterization of PMMA/SiO₂ organicâ€“inorganic hybrid materials via RAFTâ€mediated miniemulsion polymerization. Polymer Composites, 2013, 34, 626-633.	4.6	24
99	Co-toughened Polystyrene by Submicrometer-Sized Coreâ€“Shell Rubber Particles and Micrometer-Sized Salami Rubber Particles. Industrial & Engineering Chemistry Research, 2013, 52, 5079-5084.	3.7	7
100	Thermal, rheological, and mechanical properties of polylactide/poly(diethylene glycol adipate). Polymer Bulletin, 2013, 70, 3487-3500.	3.3	22
101	Properties of Poly(butylene terephthalate)/Bisphenol A Polycarbonate Blends Toughening with Epoxy-Functionalized Acrylonitrileâ€“Butadieneâ€“Styrene Particles. Journal of Macromolecular Science - Physics, 2013, 52, 861-872.	1.0	18
102	Submicrometerâ€sized rubber particles as â€œcrazeâ€bridgeâ€for toughening polystyrene/highâ€impact polystyrene. Journal of Applied Polymer Science, 2013, 129, 224-229.	2.6	18
103	Environmental pHâ€responsive fluorescent PEGâ€polyurethane for potential optical imaging. Journal of Applied Polymer Science, 2013, 129, 846-852.	2.6	14
104	Toughening of Polyamide-6 with a Maleic Anhydride Functionalized Acrylonitrile-Styrene-Butyl Acrylate Copolymer. Industrial & Engineering Chemistry Research, 2012, 51, 9235-9240.	3.7	29
105	Synthesis of montmorillonite-modified acrylic impact modifiers and toughening of poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.4	11
106	Synthesis and characterization of fluorescent PEG-polyurethane with free carboxyl groups. Journal of Polymer Research, 2012, 19, 1.	2.4	11
107	Toughening of polyvinylchloride by methyl methacrylateâ€“butadieneâ€“styrene coreâ€“shell rubber particles: Influence of rubber particle size. Polymer Engineering and Science, 2012, 52, 2523-2529.	3.1	17
108	The influence of the internal structure of coreâ€“shell particles on poly(vinyl chloride)/(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.1	2

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109	Influence of the tert -dodecyl mercaptan content in poly(acrylonitrile-butadiene-styrene) on properties of chlorinated polyvinyl chloride/poly(acrylonitrile-butadiene-styrene) blends. Polymer Engineering and Science, 2012, 52, 820-825.	3.1	1
110	Investigation on the miscibility of the blends of poly(methyl methacrylate) and poly(styreneâ€coâ€acrylonitrile). Journal of Applied Polymer Science, 2012, 123, 292-298.	2.6	5
111	Study on modification of polylactide by functional polymer. , 2011, , .		2
112	A modified poly(aryle ether ketone sulfone) proton exchange membrane with in situ polymerized polypyrrole for the direct methanol fuel cells. Journal of Applied Polymer Science, 2011, 120, 914-920.	2.6	5
113	The preparation and thermodynamic behaviors of chlorosulfonated polyethylene. Journal of Applied Polymer Science, 2010, 116, 2095-2100.	2.6	2
114	Different deformation mechanisms of two modifiedâ€polystyrene bimodal systems. Polymer International, 2010, 59, 738-742.	3.1	6
115	Coreâ€“shell particles designed for toughening poly(vinyl chloride). Polymer International, 2010, 59, 980-985.	3.1	10
116	Toughness and Transparency of Poly(vinyl chloride)/Methyl Methacrylate-Butadiene-Styrene Blends with Varied Shell Phase Composition of Core-Shell Theories. Polymer-Plastics Technology and Engineering, 2009, 48, 953-957.	1.9	7
117	Synthesis of subâ€micrometer coreâ€“shell rubber particles with 1,2â€azobisisobutyronitrile as initiator and deformation mechanisms of modified polystyrene under various conditions. Polymer International, 2009, 58, 1196-1201.	3.1	2
118	Effect of the composition of Î±â€MSAN copolymer on the miscibility of PVC/Î±â€MSAN blends. Journal of Applied Polymer Science, 2008, 108, 3016-3023.	2.6	3
119	Toughening of polyamide 6 with a maleic anhydride functionalized acrylonitrileâ€“butadieneâ€“styrene copolymer. Journal of Applied Polymer Science, 2008, 109, 2482-2490.	2.6	26
120	Effect of Epoxy-Functionalised Core-Shell Particles on Properties of Poly(Butylenes Terephthalate) (PBT). Polymers and Polymer Composites, 2008, 16, 271-276.	1.9	3
121	Influence of coreâ€“shell rubber particles synthesized with different initiation systems on the impact toughness of modified polystyrene. Journal of Applied Polymer Science, 2007, 103, 738-744.	2.6	18
122	Morphology and mechanical properties of ABS blends prepared from emulsion-polymerized PB-g-SAN impact modifier with AIBN as initiator. Journal of Applied Polymer Science, 2007, 105, 1237-1243.	2.6	17
123	Effect of ABS grafting degree and compatibilization on the properties of PBT/ABS blends. Polymer Composites, 2007, 28, 484-492.	4.6	33
124	Properties of rubber-toughened Polyvinyl chloride blends based on core-shell modifier with different particle morphology. Polymer Bulletin, 2007, 59, 699-708.	3.3	10
125	Transition from crazing to shear deformation in ABS/PVC blends. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 687-695.	2.1	22
126	Independence of the brittle-ductile transition from the rubber particle size for impact-modified poly(vinyl chloride). Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 696-702.	2.1	21

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127	Deformation mechanism of polystyrene toughened with sub-micrometer monodisperse rubber particles. Polymer International, 2006, 55, 1215-1221.	3.1	29
128	Compatibilization of PP/EPDM blends by grafting acrylic acid to polypropylene and epoxidizing the diene in EPDM. Journal of Applied Polymer Science, 2006, 102, 3949-3954.	2.6	20
129	Structureâ€“properties relationship in toughening of poly(butylene terephthalate) with coreâ€“shell modifier. Journal of Applied Polymer Science, 2006, 102, 5363-5371.	2.6	12
130	Effects of the polybutadiene/poly(styrene-co-acrylonitrile) ratio in a polybutadiene-g-poly(styrene-co-acrylonitrile) impact modifier on the morphology and mechanical behavior of acrylonitrile-butadiene-styrene blends. Journal of Applied Polymer Science, 2005, 98, 2165-2171.	2.6	12
131	Toughening of nylon-6 with epoxy-functionalized acrylonitrile-butadiene-styrene copolymer. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2170-2180.	2.1	41
132	Effect of aging time on properties of acrylic impact modifier modified bisphenol A polycarbonate. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2715-2724.	2.1	5
133	The influence of coreâ€“shell structured modifiers on the toughness of poly (vinyl chloride). European Polymer Journal, 2004, 40, 2451-2456.	5.4	50
134	Brittle-ductile transition in high-density polyethylene/glass-bead blends: Effects of interparticle distance and temperature. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 1855-1859.	2.1	31