

Yi-Hu Song

List of Publications by Year in descending order

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papers

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docs citations

264
times ranked

8305
citing authors

#	ARTICLE	IF	CITATIONS
1	Payne Effect and Weak Overshoot in Rubber Nanocomposites. Chinese Journal of Polymer Science (English Edition), 2022, 40, 85-92.	2.0	15
2	Controlling the enrichment location of brush grafted multi-walled carbon nanotubes at the interface of various polymer blends. Polymer, 2022, 238, 124427.	1.8	4
3	Influence of silica on electrical conduction and mechanical behaviors of stretchable nanocomposite conductor based on poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) filled natural rubber. Composites Communications, 2022, 29, 101030.	3.3	7
4	Thermo-soil weathering and life cycle assessment of carbon black, silica and cellulose nanocrystal filled rubber nanocomposites. Science of the Total Environment, 2022, 835, 155521.	3.9	8
5	Effects of selective distribution and migration of poly(methyl methacrylate)-grafted nanoclays on the phase behavior of poly(methyl methacrylate)/poly(styrene-co-acrylonitrile) blends. Polymer, 2022, 252, 124965.	1.8	4
6	Influence of ionic liquid on rheological behaviors of candle soot and cellulose nanocrystal filled natural rubber nanocomposites. Composites Communications, 2022, 33, 101214.	3.3	11
7	Effect of Morphology/Structure on the Phase Behavior and Nonlinear Rheological Properties of NR/SBR Blends. Gels, 2022, 8, 425.	2.1	1
8	Self-healing efficiency of natural rubber vulcanizates depending on crosslinking density. Journal of Polymer Science, 2022, 60, 2855-2865.	2.0	3
9	Insights into the Payne Effect of Carbon Black Filled Styrene-butadiene Rubber Compounds. Chinese Journal of Polymer Science (English Edition), 2021, 39, 81-90.	2.0	18
10	Insight into acrylate copolymer dispersion with multiple interactions using large-amplitude oscillation shear. Polymer, 2021, 212, 123130.	1.8	5
11	Influence of carbon black on the Payne effect of filled natural rubber compounds. Composites Science and Technology, 2021, 203, 108586.	3.8	53
12	Influence of coagents on Payne effect of butadiene rubber vulcanizates. Polymer, 2021, 212, 123298.	1.8	14
13	Large amplitude oscillatory rheology of silica and cellulose nanocrystals filled natural rubber compounds. Journal of Colloid and Interface Science, 2021, 588, 602-610.	5.0	32
14	Strain Softening of Bimodal Isoprene Rubber Vulcanizates. Macromolecular Materials and Engineering, 2021, 306, 2000802.	1.7	9
15	Improved mechanical properties of in situ microfibrillar polypropylene/polyamide6 composites through constructing strong interfacial adhesion. Polymers for Advanced Technologies, 2021, 32, 3343-3357.	1.6	5
16	Influence of Liquid Isoprene Rubber on Strain Softening of Carbon Black Filled Isoprene Rubber Nanocomposites. Chinese Journal of Polymer Science (English Edition), 2021, 39, 887-895.	2.0	12
17	Effects of ionic liquid on cellulosic nanofiller filled natural rubber bionanocomposites. Journal of Colloid and Interface Science, 2021, 591, 409-417.	5.0	41
18	Friction behavior of rough polydimethylsiloxane surfaces under hydrophobic polymer aqueous solution conditions. Polymer Testing, 2021, 101, 107281.	2.3	3

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19	Payne effect of carbon black filled natural rubber nanocomposites: Influences of extraction, crosslinking, and swelling. <i>Journal of Rheology</i> , 2021, 65, 807-820.	1.3	14
20	Effect of agglomeration on the selective distribution of nanoparticles in binary polymer blends. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 149, 106590.	3.8	14
21	Reinforcement and Payne effect of hydrophobic silica filled natural rubber nanocomposites. <i>Composites Science and Technology</i> , 2020, 187, 107943.	3.8	39
22	Rheological and Mechanical Properties of Silica/Nitrile Butadiene Rubber Vulcanizates with Eco-Friendly Ionic Liquid. <i>Polymers</i> , 2020, 12, 2763.	2.0	21
23	Roles played by novolac resin on rubber compounding, reinforcement and nonlinear rheological behaviors. <i>Polymer</i> , 2020, 207, 122895.	1.8	7
24	Rheology of end-linking polydimethylsiloxane networks filled with silica. <i>Journal of Rheology</i> , 2020, 64, 1425-1438.	1.3	12
25	Influences of chemical crosslinking, physical associating, and filler filling on nonlinear rheological responses of polyisoprene. <i>Journal of Rheology</i> , 2020, 64, 775-784.	1.3	21
26	Magnetorheological elastomer peristaltic pump capable of flow and viscosity control. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 1314-1324.	1.4	3
27	Scaling laws of Mullins effect in nitrile butadiene rubber nanocomposites. <i>Polymer</i> , 2020, 193, 122350.	1.8	25
28	Numerical study of millimeter-scale magnetorheological elastomer robot for undulatory swimming. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 235402.	1.3	7
29	Payne effect of thermo-oxidatively aged isoprene rubber vulcanizates. <i>Polymer</i> , 2020, 195, 122432.	1.8	24
30	Control of selective location of homopolymer-brush grafted nanoparticles in binary polymer blends. <i>Composites Science and Technology</i> , 2020, 200, 108439.	3.8	12
31	Nonsphere Drop Impact Assembly of Graphene Oxide Liquid Crystals. <i>ACS Nano</i> , 2019, 13, 8382-8391.	7.3	17
32	Influence of ionic liquids on rheological behaviors of polyisoprene rubber/silica compounds. <i>Polymer</i> , 2019, 183, 121898.	1.8	19
33	Payne effect of carbon black filled natural rubber compounds and their carbon black gels. <i>Polymer</i> , 2019, 185, 121953.	1.8	52
34	Rheological and Interfacial Properties of Colloidal Electrolytes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 1039-1044.	2.0	3
35	Influence of Ionic Liquids on Structure and Rheological Behaviors of Silica-Filled Butadiene Rubber. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18205-18212.	1.8	37
36	Influence of hydroxyl-terminated polybutadiene liquid on rheology of fumed silica filled cis-polybutadiene rubber. <i>Polymer</i> , 2019, 180, 121709.	1.8	11

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37	Insight into the weak strain overshoot of carbon black filled natural rubber. <i>Polymer</i> , 2019, 167, 109-117.	1.8	57
38	Magnetorheological elastomer peristaltic fluid conveying system for non-Newtonian fluids with an analogic moisture loss process. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 2013-2023.	1.4	1
39	Rigid nanoparticles promote the softening of rubber phase in filled vulcanizates. <i>Polymer</i> , 2019, 177, 131-138.	1.8	32
40	Influence of ionic liquid on glass transition, dynamic rheology, and thermal stability of poly(methyl methacrylate)/silica nanocomposites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48007.	1.3	7
41	Segmental dynamics and linear rheology of nearly athermal all-polystyrene nanocomposites. <i>Composites Science and Technology</i> , 2019, 177, 111-117.	3.8	11
42	Energy dissipation accompanying Mullins effect of nitrile butadiene rubber/carbon black nanocomposites. <i>Polymer</i> , 2019, 171, 106-114.	1.8	51
43	Superamphiphobic Porous Structure: Design and Implementation. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801973.	1.9	5
44	Construction of sandwich-like porous structure of graphene-coated foam composites for ultrasensitive and flexible pressure sensors. <i>Nanoscale</i> , 2019, 11, 10229-10238.	2.8	111
45	Ultrastiff and Tough Supramolecular Hydrogels with a Dense and Robust Hydrogen Bond Network. <i>Chemistry of Materials</i> , 2019, 31, 1430-1440.	3.2	241
46	Smart magnetorheological elastomer peristaltic pump. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 1084-1093.	1.4	31
47	Rheological behavior of fumed silica filled polyethylene oxide. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 397-405.	2.4	6
48	Strategy to construct polyzwitterionic hydrogel coating with antifouling, drag-reducing and weak swelling performance. <i>RSC Advances</i> , 2019, 9, 2081-2091.	1.7	42
49	Improved Toughness and Stability of $\hat{\text{I}}^{\text{p}}$ -Carrageenan/Polyacrylamide Double-Network Hydrogels by Dual Cross-Linking of the First Network. <i>Macromolecules</i> , 2019, 52, 629-638.	2.2	106
50	Rheology of poly(lactic acid)/poly(trimethylene terephthalate) blends compatibilized by clay or maleic anhydride-grafted poly(ethylene-octene) elastomer. <i>Journal of Polymer Engineering</i> , 2019, 39, 248-253.	0.6	2
51	Dynamics heterogeneity in silica-filled nitrile butadiene rubber. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46223.	1.3	14
52	A flyweight and superelastic graphene aerogel as a high-capacity adsorbent and highly sensitive pressure sensor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9074-9080.	5.2	114
53	Contributions of silica network and interfacial fraction in reinforcement and Payne effect of polypropylene glycol nanocomposites. <i>Polymer</i> , 2018, 138, 139-145.	1.8	20
54	Graphene/nanofiber aerogels: Performance regulation towards multiple applications in dye adsorption and oil/water separation. <i>Chemical Engineering Journal</i> , 2018, 338, 202-210.	6.6	198

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55	Linear rheology of natural rubber compounds filled with silica, short nylon fiber or both. <i>Polymer</i> , 2018, 134, 71-74.	1.8	11
56	Linear and nonlinear rheological behaviors of silica filled nitrile butadiene rubber. <i>Polymer</i> , 2018, 156, 222-227.	1.8	37
57	Time-concentration superpositioning principle accounting for the size effects of reinforcement and dissipation of polymer nanocomposites. <i>Composites Science and Technology</i> , 2018, 168, 279-286.	3.8	4
58	Influence of molecular weight on molecular dynamics and dynamic rheology of polypropylene glycol filled with silica. <i>RSC Advances</i> , 2018, 8, 31972-31978.	1.7	5
59	Spin-coating-assisted fabrication of ultrathin physical hydrogel films with high toughness and fast response. <i>Soft Matter</i> , 2018, 14, 5888-5897.	1.2	37
60	Influence of annealing time on linear rheology and morphology of silica filled polyisoprene rubber and ethylene- ϵ -propylene rubber. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46679.	1.3	2
61	Rheology of fumed silica/polypropylene glycol dispersions. <i>Polymer</i> , 2018, 148, 400-406.	1.8	25
62	Linear rheology of carbon black filled polystyrene. <i>Polymer</i> , 2017, 112, 35-42.	1.8	28
63	Rheology of fumed silica/polydimethylsiloxane suspensions. <i>Journal of Rheology</i> , 2017, 61, 205-215.	1.3	55
64	Synergistic effects of CNT and GO on enhancing mechanical properties and separation performance of polyelectrolyte complex membranes. <i>Materials and Design</i> , 2017, 119, 38-46.	3.3	55
65	Revealing the three-dimensional filler structure in a rubber matrix based on fluorescein modified layered double hydroxides. <i>RSC Advances</i> , 2017, 7, 4030-4038.	1.7	6
66	L-cysteine-reduced graphene oxide/poly(vinyl alcohol) ultralight aerogel as a broad-spectrum adsorbent for anionic and cationic dyes. <i>Journal of Materials Science</i> , 2017, 52, 5807-5821.	1.7	47
67	Evolution of concentration fluctuation during phase separation of polystyrene/poly(vinyl methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 55, 1337-1349.	2.4	4
68	Unique liquid-to-solid transition of carbon filler filled polystyrene melts. <i>Composites Science and Technology</i> , 2017, 147, 39-44.	3.8	27
69	Time-concentration superpositioning principle accounting for reinforcement and dissipation of multi-walled carbon nanotubes filled polystyrene melts. <i>Polymer</i> , 2017, 121, 106-110.	1.8	13
70	Reconsideration of the Rheology of Silica Filled Natural Rubber Compounds. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5867-5875.	1.2	47
71	Payne effect of silica-filled styrene-butadiene rubber. <i>Polymer</i> , 2017, 116, 304-313.	1.8	77
72	Molecular dynamics and phase behavior of polystyrene/poly(vinyl methyl ether) blend in the presence of nanosilica. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 1524-1539.	2.0	4

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73	Hydrogen bond reinforced poly(1-vinylimidazole-co-acrylic acid) hydrogels with high toughness, fast self-recovery, and dual pH-responsiveness. <i>Polymer</i> , 2017, 131, 95-103.	1.8	65
74	Microrheology of magnetorheological silicone elastomers during curing process under the presence of magnetic field. <i>AIP Advances</i> , 2017, 7, .	0.6	10
75	Size-dependent linear rheology of silica filled poly(2-vinylpyridine). <i>Polymer</i> , 2017, 130, 74-78.	1.8	18
76	Time-concentration superpositioning principle accounting for the reinforcement and dissipation of high-density polyethylene composites melts. <i>Composites Science and Technology</i> , 2017, 151, 104-108.	3.8	23
77	Understanding the reinforcement and dissipation of natural rubber compounds filled with hybrid filler composed of carbon black and silica. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 1436-1446.	2.0	38
78	Multifunctional graphene/poly(vinyl alcohol) aerogels: In situ hydrothermal preparation and applications in broad-spectrum adsorption for dyes and oils. <i>Carbon</i> , 2017, 123, 354-363.	5.4	89
79	Glass transition of poly (methyl methacrylate) filled with nanosilica and core-shell structured silica. <i>Polymer</i> , 2017, 127, 141-149.	1.8	13
80	Environmentally friendly reduced graphene oxide as a broad-spectrum adsorbent for anionic and cationic dyes via π - π interactions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12126-12135.	5.2	210
81	Boundary lubricating properties of hydrophobically modified polyacrylamide. <i>RSC Advances</i> , 2016, 6, 5695-5702.	1.7	10
82	Metal-Coordination Complexes Mediated Physical Hydrogels with High Toughness, Stick-Slip Tearing Behavior, and Good Processability. <i>Macromolecules</i> , 2016, 49, 9637-9646.	2.2	320
83	A Guide for Hydrodynamic Reinforcement Effect in Nanoparticle-filled Polymers. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2016, 41, 318-346.	6.8	71
84	Novel poly(methyl methacrylate)-based ionomers used as multifunctional aids to modify poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	10
85	Simultaneous regulation of morphology, crystallization, thermal stability and adsorbability of electrospun polyamide 6 nanofibers via graphene oxide and chemically reduced graphene oxide. <i>RSC Advances</i> , 2016, 6, 41392-41403.	1.7	10
86	Processing tough supramolecular hydrogels with tunable strength of polyion complex. <i>Polymer</i> , 2016, 95, 9-17.	1.8	43
87	Hydrophobic association mediated physical hydrogels with high strength and healing ability. <i>Polymer</i> , 2016, 100, 60-68.	1.8	68
88	Concepts and conflicts in nanoparticles reinforcement to polymers beyond hydrodynamics. <i>Progress in Materials Science</i> , 2016, 84, 1-58.	16.0	186
89	Molecular relaxation and dynamic rheology of α -cluster phase-free ionomers based on lanthanum(III)-neutralized low-carboxylated poly(methyl methacrylate). <i>RSC Advances</i> , 2016, 6, 66336-66345.	1.7	13
90	Segmental dynamics and rheology of miscible poly(vinylidene fluoride)/poly(methyl methacrylate) (70/30 by weight) blend filled with titania or poly(methyl methacrylate)-grafted titania. <i>Composites Science and Technology</i> , 2016, 123, 39-48.	3.8	19

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91	Salt response and rheological behavior of acrylamide-sulfobetaine copolymer. <i>Colloid and Polymer Science</i> , 2016, 294, 389-397.	1.0	16
92	Viscoelastic Behaviors of Carbon Black Gel Extracted from Highly Filled Natural Rubber Compounds: Insights into the Payne Effect. <i>Macromolecules</i> , 2016, 49, 1454-1463.	2.2	70
93	Adjustable rheology of fumed silica dispersion in urethane prepolymers: Composition-dependent sol and gel behaviors and energy-mediated shear responses. <i>Journal of Rheology</i> , 2015, 59, 971-993.	1.3	19
94	A Facile, Multifunctional, Transparent, and Superhydrophobic Coating Based on a Nanoscale Porous Structure Spontaneously Assembled from Branched Silica Nanoparticles. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500201.	1.9	40
95	Direct Evidence for Percolation of Immobilized Polymer Layer around Nanoparticles Accounting for Sol-Gel Transition in Fumed Silica Dispersions. <i>Langmuir</i> , 2015, 31, 13478-13487.	1.6	31
96	Thickening of the Immobilized Polymer Layer Using Trace Amount of Amine and Its Role in Promoting Gelation of Colloidal Nanocomposites. <i>Macromolecules</i> , 2015, 48, 9015-9023.	2.2	18
97	Synergistic strengthening of polyelectrolyte complex membranes by functionalized carbon nanotubes and metal ions. <i>Scientific Reports</i> , 2015, 5, 7782.	1.6	12
98	Correlation between impact properties and phase structure in impact polypropylene copolymer. <i>Materials & Design</i> , 2015, 69, 56-63.	5.1	25
99	Flame retarding and reinforcing modification of ramie/polybenzoxazine composites by surface treatment of ramie fabric. <i>Composites Science and Technology</i> , 2015, 121, 82-88.	3.8	47
100	Comparison studies of rheological and thermal behaviors of ionic liquids and nanoparticle ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19815-19819.	1.3	10
101	Reconstruction of core-shell dispersed particles in impact polypropylene copolymer during extrusion. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 633-645.	2.0	8
102	Effects of nanosilica on crystallization and thermal ageing behaviors of polyethylene terephthalate. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 697-708.	2.0	7
103	Boundary Lubrication by Associative Mucin. <i>Langmuir</i> , 2015, 31, 4733-4740.	1.6	26
104	Synthesis and solution property of acrylamide-sulfobetaine copolymers. <i>Colloid and Polymer Science</i> , 2015, 293, 797-807.	1.0	8
105	Linear rheology of nanofilled polymers. <i>Journal of Rheology</i> , 2015, 59, 155-191.	1.3	95
106	Dynamic rheology and dielectric relaxation of poly(vinylidene fluoride)/poly(methyl methacrylate) blends. <i>Composites Science and Technology</i> , 2015, 106, 39-46.	3.8	50
107	Complex rheological behaviors of loach (<i>Misgurnus anguillicaudatus</i>) skin mucus. <i>Journal of Rheology</i> , 2015, 59, 51-62.	1.3	22
108	Negative velocity dependence of friction for poly(2-Acrylamido-2-methyl propanesulfonic acid) hydrogel sliding against a glass surface in the low-velocity region. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 765-772.	2.4	5

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109	Evaluate the nonlinear viscoelasticity of polyolefin melts using the Larson model. <i>Polymer Engineering and Science</i> , 2014, 54, 2354-2361.	1.5	2
110	Influence of crosslinking on crystallization, rheological, and mechanical behaviors of high density polyethylene/ethylene vinyl acetate copolymer blends. <i>Polymer Engineering and Science</i> , 2014, 54, 2848-2858.	1.5	17
111	Influence of charge density on rheological properties and dehydration dynamics of weakly charged poly(N-isopropylacrylamide) during phase transition. <i>Polymer</i> , 2014, 55, 2445-2454.	1.8	9
112	Ecomaterials Based on Food Proteins and Polysaccharides. <i>Polymer Reviews</i> , 2014, 54, 514-571.	5.3	36
113	Styrene-butadiene-styrene copolymer compatibilized carbon black/polypropylene/polystyrene composites with tunable morphology, electrical conduction and rheological stabilities. <i>Soft Matter</i> , 2014, 10, 2685.	1.2	33
114	Mucin from loach skin mucus and its interfacial behavior on gold surface. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1381-1389.	2.0	9
115	Solubility and solution rheology of acrylamide-sulfobetaine copolymers. <i>Colloid and Polymer Science</i> , 2014, 292, 2185-2195.	1.0	3
116	Melt Compounding and Mechanical Properties of Polyphenylene Sulfide/Low Melting-temperature Glass Composites. <i>Acta Polymerica Sinica</i> , 2014, 014, 141-149.	0.0	2
117	Influences of compatibilization and compounding process on electrical conduction and thermal stabilities of carbon black-filled immiscible polypropylene/polystyrene blends. <i>Polymer International</i> , 2013, 62, 238-245.	1.6	14
118	Influence of the acid content of (acrylate processing aid)-based lanthanum(III)-neutralized ionomer on the thermal degradation and fusion behavior of rigid poly(vinyl chloride). <i>Journal of Vinyl and Additive Technology</i> , 2013, 19, 86-93.	1.8	1
119	Grafting of copolymers onto graphene by miniemulsion polymerization for conductive polymer composites: improved electrical conductivity and compatibility induced by interfacial distribution of graphene. <i>Polymer Chemistry</i> , 2013, 4, 2939.	1.9	93
120	Mechanical and thermal properties of nanosized titanium dioxide filled rigid poly(vinyl chloride). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 325-332.	2.0	31
121	Facile regulation of glutaraldehyde-modified graphene oxide for preparing free-standing papers and nanocomposite films. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 399-406.	2.0	19
122	Rheological properties of wheat gliadins in aqueous propanol. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 809-814.	2.0	3
123	Influences of compatibilizers on rheology and mechanical properties of propylene random copolymer/styrene-ethylene-butylene-styrene block copolymer/organic-montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2013, 129, 973-982.	1.3	17
124	Study of poly(vinyl chloride)/acrylonitrile-styrene-acrylate blends for compatibility, toughness, thermal stability and UV irradiation resistance. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2143-2151.	1.3	28
125	DYNAMIC RHEOLOGY OF VAPOR GROWN CARBON NANOFIBER FILLED POLYSTYRENE MELTS. <i>Acta Polymerica Sinica</i> , 2013, 012, 1383-1388.	0.0	2
126	STRUCTURE AND VISCOELASTICITY OF RUBBER MATERIALS. <i>Acta Polymerica Sinica</i> , 2013, 013, 1115-1130.	0.0	25

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127	INFLUENCE OF PHASE SEPARATION ON MECHANICAL AND ANTI-UV AGING PROPERTIES OF POLYVINYLIDENE FLUORIDE/POLYMETHYL METHACRYLATE BLENDS. <i>Acta Polymerica Sinica</i> , 2013, 012, 1364-1370.	0.0	0
128	TIME-DEPENDENT DYNAMIC MODULUS PERCOLATION OF MULTI-WALLED CARBON NANOTUBES FILLED POLYSTYRENE MELTS DURING ANNEALING. <i>Acta Polymerica Sinica</i> , 2013, 013, 11-17.	0.0	0
129	ELECTRICAL CONDUCTION AND DYNAMIC RHEOLOGY OF MULTI-WALLED CARBON NANOTUBES AND HYDROPHOBIC NANOSILICA-FILLED IMMISCIBLE POLY(METHYLMETHACRYLATE)/POLYSTYRENE BLENDS. <i>Acta Polymerica Sinica</i> , 2013, 013, 88-94.	0.0	0
130	INFLUENCE OF PARTIALLY HYDROLYZED POLY(METHYL METHACRYLATE)/Ca(OH) ₂ COMPOSITES ON THERMAL STABILITY, TRANSPARENCY AND FUSION BEHAVIORS OF RIGID POLY(VINYL CHLORIDE) COMPOUNDS. <i>Acta Polymerica Sinica</i> , 2013, 013, 556-562.	0.0	0
131	STUDY ON ISOTHERMAL CRYSTALLIZATION OF CARBON BLACK FILLED HIGH DENSITY POLYETHYLENE THROUGH RHEOLOGY-ELECTRICAL CONDUCTION SIMULTANEOUS MEASUREMENT. <i>Acta Polymerica Sinica</i> , 2013, 013, 674-678.	0.0	0
132	Rheological behaviors of randomly crosslinked low density polyethylene and its gel network. <i>Polymer</i> , 2012, 53, 3035-3042.	1.8	23
133	Influence of crosslinking on physical properties of low density polyethylene. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012, 30, 837-844.	2.0	20
134	Hydrogen bonding-driven rheological modulation of chemically reduced graphene oxide/poly(vinyl Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.8	108
135	Miniemulsion polymerized titania/polystyrene core-shell nanocomposite particles based on nanotitania powder: Morphology, composition and suspension rheology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 411, 40-49.	2.3	8
136	Viscoelasticity of shell-crosslinked core-shell nanoparticles filled polystyrene melt. <i>Polymer</i> , 2012, 53, 3968-3974.	1.8	27
137	Annealing-induced rheological and electric resistance variations in carbon black-filled polymer melts. <i>Colloid and Polymer Science</i> , 2012, 290, 1837-1842.	1.0	16
138	Viscoelastic behaviors of shell-crosslinked core-shell nanoparticles suspended in polystyrene solutions. <i>Polymer International</i> , 2012, 61, 1439-1446.	1.6	11
139	The role of filler network in nonlinear viscoelastic behavior of vapor grown carbon nanofiber filled polystyrene: A strain dependent rheological behavior and electrical conductivity study. <i>Polymer Engineering and Science</i> , 2012, 52, 643-648.	1.5	5
140	Influence of binary combined systems of antioxidants on the stabilization of peroxide-cured low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1885-1894.	1.3	18
141	Effect of lanthanide (La(III))-containing ionomer on thermal stabilization of poly(vinyl chloride). <i>Journal of Applied Polymer Science</i> , 2012, 126, 980-986.	1.3	9
142	Assessment of hindered phenol antioxidants on processing stability of peroxide-cure LDPE by rheology and DSC analysis. <i>Journal of Applied Polymer Science</i> , 2012, 126, 939-946.	1.3	9
143	Bio-filler from waste shellfish shell: Preparation, characterization, and its effect on the mechanical properties on polypropylene composites. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 256-262.	6.5	101
144	Dispersion stability and rheological behavior of suspensions of polystyrene coated fumed silica particles in polystyrene solutions. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012, 30, 26-35.	2.0	7

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145	Influence of ZnSt ₂ on structure of acrylate-based ionomers with different lanthanide (La(III)) ion and acid contents. Chinese Journal of Polymer Science (English Edition), 2012, 30, 316-327.	2.0	3
146	Bio-filler from <i>Mussel</i> Shell: Preparation and Its Effects on Polypropylene Composites Properties. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2012, 27, 977-983.	0.6	8
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