

# Chifei

## List of Publications by Year in descending order

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82  
papers

1,257  
citations

394286

19  
h-index

501076

28  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanically Robust and Recyclable Styrene-Butadiene Rubber Cross-Linked via Cu <sup>2+</sup> -Nitrogen Coordination Bond after a Tetrazine Click Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 2163-2177.	1.8	10
2	Reinforced mechanical properties and heat resistance of recycled acrylonitrile-butadiene-styrene/anhydrous zinc chloride coordination composites. <i>Polymer Composites</i> , 2021, 42, 2193-2204.	2.3	1
3	SBS Thermoplastic Elastomer Based on Dynamic Metal-Ligand Bond: Structure, Mechanical Properties, and Shape Memory Behavior. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000737.	1.7	13
4	Toughening, recyclable and healable nitrile rubber based on multi-coordination crosslink networks after tetrazine click-reaction. <i>European Polymer Journal</i> , 2021, 150, 110415.	2.6	15
5	The HDPE composites reinforced with waste hybrid PET/cotton fibers modified with the synthesized modifier. <i>E-Polymers</i> , 2021, 22, 30-37.	1.3	5
6	Improved tensile strength of acrylonitrile-butadiene rubber/anhydrous copper sulfate composites prepared by coordination cross-linking. <i>Polymer Bulletin</i> , 2019, 76, 1435-1452.	1.7	14
7	Surface Modification of PET Fiber with Hybrid Coating and Its Effect on the Properties of PP Composites. <i>Polymers</i> , 2019, 11, 1726.	2.0	11
8	Fabrication of high-performance polytetrafluoroethylene microporous membranes filled with nano-alumina. <i>High Performance Polymers</i> , 2019, 31, 843-851.	0.8	2
9	The shape memory effect of crosslinked ultra-high-molecular-weight polyethylene prepared by silane-induced crosslinking method. <i>Polymer Bulletin</i> , 2018, 75, 2181-2196.	1.7	20
10	The mechanical properties of damping rubber reinforced by Wrap Knitted Spacer Fabric. <i>Polymer Composites</i> , 2018, 39, 4434-4441.	2.3	5
11	Preparation and characterization of ABS and copper (II) sulfate coordination composites by planetary ball mill. <i>Polymer Bulletin</i> , 2018, 75, 453-468.	1.7	4
12	Acrylonitrile-butadiene-styrene/nitrile butadiene rubber blends enhanced by anhydrous cobalt chloride. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46747.	1.3	9
13	Surface modification and characterization of carbon black by sodium lignosulphonate. <i>Surface and Interface Analysis</i> , 2017, 49, 197-204.	0.8	16
14	Preparation of micro-size flake silver powder by planetary ball mill. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 452-457.	1.1	6
15	Improved thermal conductivity of polycarbonate composites filled with hybrid exfoliated graphite/multi-walled carbon nanotube fillers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 431-437.	2.0	35
16	Effect of SnO <sub>2</sub> and Sb-doped SnO <sub>2</sub> on the structure and electrical conductivity of epichlorohydrin rubber. <i>Polymer Composites</i> , 2016, 37, 2411-2416.	2.3	3
17	Study on properties of natural rubber reinforced by poly(sodium 4-styrenesulfonate)-decorated carbon black with a latex compounding technique. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	3
18	Thermal and Crystallization Properties of HDPE and HDPE/PP Blends Modified with DCP. <i>Advances in Polymer Technology</i> , 2014, 33, .	0.8	33

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19	The Effect of Benzoyl Peroxide and Divinyl Benzene on the Properties of Cross-Linked Recycled Polyolefin Blends. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 1777-1785.	0.4	5
20	The Effect of PP and Peroxide on the Properties and Morphology of HDPE and HDPE/PP Blends. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	20
21	A direct method for the vulcanization of acrylate rubber through in situ coordination crosslinking. <i>Polymer Journal</i> , 2012, 44, 1064-1069.	1.3	12
22	Synergistic effect between carbon black nanoparticles and polyimide on refractive indices of polyimide/carbon black nanocomposites. <i>New Journal of Chemistry</i> , 2012, 36, 903.	1.4	17
23	The effect of using the two-step extrusion method on the oxidation induction time value of recycled high density polyethylene. <i>Polymer Journal</i> , 2012, 44, 421-426.	1.3	5
24	Effect of electrostatic heterocoagulation of PVM/MA grafted carbon black and attapulgite nanorods on electrical and mechanical behaviors of waterborne polyurethane nanocomposites. <i>Colloid and Polymer Science</i> , 2012, 290, 1527-1536.	1.0	6
25	Lowering the percolation threshold of polymer matrix composite by using raspberry-like carbon black/polystyrene composite particles. <i>Journal of Materials Science</i> , 2012, 47, 1289-1295.	1.7	12
26	Effect of maleic anhydride grafted polypropylene as a compatibilizer on the properties of polypropylene/(modified carbon black) composites. <i>Journal of Vinyl and Additive Technology</i> , 2011, 17, 260-264.	1.8	5
27	Nonisothermal crystallization behavior and UV screening ability of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 T	1.7	4
28	Effects of different types of polyethylene on the morphology and properties of recycled poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 T 1851-1858.	1.6	27
29	Effect of modified carbon black on the UV/IR screening ability of poly(ethylene terephthalate) transparent films. <i>Polymer Composites</i> , 2011, 32, 297-304.	2.3	5
30	Hydrogenated nitrile butadiene rubber and hindered phenol composite. II. Characterization of hydrogen bonding. <i>Polymer Engineering and Science</i> , 2011, 51, 201-208.	1.5	18
31	Effect of pH-Responsive on the Dispersion of PVM/MA Grafted Carbon Black in Water and Waterborne Polyurethane. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 1459-1464.	1.3	4
32	Crystallization and Mechanical Properties of Recycled Poly(ethylene terephthalate) Toughened by Styrene Ethylene/Butylenes Styrene Elastomer. <i>Journal of Polymers and the Environment</i> , 2010, 18, 647-653.	2.4	15
33	The nucleation effect of modified carbon black on crystallization of poly(lactic acid). <i>Polymer Engineering and Science</i> , 2010, 50, 1658-1666.	1.5	27
34	Hydrogenated nitrile butadiene rubber and hindered phenol composite. I. Miscibility and dynamic mechanical property. <i>Polymer Engineering and Science</i> , 2010, 50, 2375-2381.	1.5	13
35	Morphology and Properties of Injection-Moulded Recycled Poly(Ethylene Terephthalate)/Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 T	0.8	0
36	Effect of Filler Networking on Viscoelastic Properties and Reinforcement of Natural Rubber Vulcanizates. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 429-439.	0.4	4

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37	Reactive Compatibilization and Properties of Recycled Poly(ethylene Terephthalate)/Linear Low-Density Polyethylene Blends through Physical Processing. Journal of Applied Polymer Science, 2009, 114, 615-628.	0.4	19
38	Water dispersible carbon black prepared through ultrasonically assisted radical polymerization. E-Polymers, 2009, 9, .	1.3	0
39	Recycled poly(ethylene terephthalate)/linear low-density polyethylene blends through physical processing. Journal of Applied Polymer Science, 2009, 114, 1187-1194.	1.3	18
40	Preparation of raspberry-like polystyrene/carbon black composite microsphere via $\pi$ - $\pi$ interactions. Colloid and Polymer Science, 2009, 287, 37-43.	1.0	19
41	Non-isothermal crystallization kinetics of poly (lactic acid)/modified carbon black composite. Polymer Bulletin, 2009, 62, 629-642.	1.7	78
42	Morphology and dynamic mechanical properties of high density polyethylene/petroleum resin/polyethylene-octylene elastomer blends. Polymer Bulletin, 2009, 63, 57-67.	1.7	10
43	Preparation and properties of novel natural rubber/organo-vermiculite nanocomposites. Polymer Composites, 2009, 30, 38-42.	2.3	14
44	Crystallization behavior and mechanical properties of polypropylene/modified carbon black composites. Polymer Composites, 2009, 30, 391-398.	2.3	12
45	Multiple melting behavior of poly(lactic acid) filled with modified carbon black. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 1971-1980.	2.4	50
46	Phase Structure of Compatibilized Poly(Lactic Acid)/Linear Low-Density Polyethylene Blends. Journal of Macromolecular Science - Physics, 2009, 48, 823-833.	0.4	17
47	Nonisothermal Crystallization of Recycled Poly(Ethylene Terephthalate)/Poly(Ethylene Octene) Blends. Journal of Macromolecular Science - Physics, 2009, 48, 414-429.	0.4	8
48	Crystallization Behavior of Poly(Lactic Acid) Filled with Modified Carbon Black. Journal of Macromolecular Science - Physics, 2009, 48, 670-683.	0.4	17
49	Effect of Dispersion of Carbon Black on Electrical and Thermal Properties of Poly(Ethylene Terephthalate)/Linear Low-Density Polyethylene Blends. Journal of Applied Polymer Science, 2009, 114, 146-156.	0.4	3
50	Influence of In-situ Grafting on the Dispersion of Carbon Black in Solvents and Natural Rubber. Journal of Macromolecular Science - Physics, 2009, 48, 1190-1200.	0.4	4
51	Effects of small molecule plasticizer on the coordination crosslinking reaction between acrylonitrile-butadiene rubber and copper sulfate. Polymer Composites, 2008, 29, 302-306.	2.3	13
52	Dynamic mechanical properties of acrylic rubber blended with phenolic resin. Journal of Applied Polymer Science, 2008, 109, 2065-2070.	1.3	33
53	Structures and properties of ternary blends of recycled poly(ethylene terephthalate)/bisphenol-A polycarbonate/(E)/BA/GMA). Journal of Applied Polymer Science, 2008, 109, 483-491.	1.3	16
54	Thermal properties and morphology of recycled poly(ethylene terephthalate)/maleic anhydride grafted linear low-density polyethylene blends. Journal of Applied Polymer Science, 2008, 109, 3546-3553.	1.3	30

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55	Grafting of maleic anhydride onto carbon black surface via ultrasonic irradiation. Applied Organometallic Chemistry, 2008, 22, 78-81.	1.7	17
56	Effect of Carbon Black Nature on Vulcanization and Mechanical Properties of Rubber. Journal of Macromolecular Science - Physics, 2008, 47, 837-846.	0.4	24
57	Dynamic Mechanical Properties of EPDM Rubber Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 209-214.	1.9	21
58	Effects of SC <sub>2</sub> Treatment on the Properties of NBR/CuSO <sub>4</sub> Composites. Journal of Macromolecular Science - Physics, 2008, 47, 250-259.	0.4	6
59	Studies on the structure, morphology and thermal properties of HDPE/ petroleum resin blends. E-Polymers, 2008, 8, .	1.3	1
60	Investigation of Carbon Black Network in Natural Rubber with Different Bound Rubber Contents. Journal of Macromolecular Science - Physics, 2007, 46, 453-466.	0.4	24
61	Investigation on the Coordination Interfacial Reaction by Dynamical Mechanical Analysis. Journal of Macromolecular Science - Physics, 2007, 47, 52-64.	0.4	7
62	The Nucleation Effect of Grafted Carbon Black on Crystallization of Poly(Ethylene) Terephthalate (PET). Journal of Applied Polymer Science, 2007, 104, 761-774.	0.4	7
63	Interfacial Coordination Reaction in Copper Sulfate Particles Filled Styrene-Acrylonitrile Copolymer Composites. Journal of Macromolecular Science - Physics, 2007, 47, 76-86.	0.4	9
64	In situ Grafting onto Silica Surface with Epoxidized Natural Rubber via Solid State Method. Journal of Macromolecular Science - Physics, 2007, 46, 693-703.	0.4	23
65	The Investigation of Miscibility in Blends of ENR/AO <sub>80</sub> by DMA and FTIR. Journal of Macromolecular Science - Physics, 2007, 47, 87-97.	0.4	8
66	Reactive extrusion of recycled poly(ethylene terephthalate) with polycarbonate by addition of chain extender. Journal of Applied Polymer Science, 2007, 104, 2602-2607.	1.3	49
67	Damping behavior of sandwich beam laminated with CIIR/petroleum resins blends by DMA measurement. Journal of Applied Polymer Science, 2007, 106, 2472-2478.	1.3	14
68	Properties and morphology of recycled poly(ethylene terephthalate)/bisphenol a polycarbonate/poly(styrene-b-(ethylene-co-butylene)-b-styrene) blends by low-temperature solid-state extrusion. Polymers for Advanced Technologies, 2007, 18, 549-555.	1.6	8
69	Investigation on crosslinking behaviors of NBR/PVC filled with anhydrous copper sulfate particles by dynamic mechanical analysis. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 41-51.	2.4	22
70	Novel in situ coordination copper sulfate/acrylonitrile-butadiene rubber composite. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 571-576.	2.4	17
71	Crystallization Behavior of Polypropylene Filled with Modified Carbon Black. Polymer Journal, 2007, 39, 722-730.	1.3	25
72	Morphology and Properties of Poly(ethylene terephthalate)/Polycarbonate Alloy Toughened with Different Kinds of Elastomers. Polymer Bulletin, 2007, 58, 479-488.	1.7	10

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73	Effect of Grafted Carbon Black on Properties of Vulcanized Natural Rubber. <i>Polymer Bulletin</i> , 2007, 58, 951-962.	1.7	17
74	Non-isothermal Crystallization Kinetics of Poly (Ethylene Terephthalate)/Grafted Carbon Black Composite. <i>Polymer Bulletin</i> , 2007, 59, 685-697.	1.7	21
75	Polymer Grafting onto Carbon Black by Solid State Method. <i>Polymer Journal</i> , 2006, 38, 807-813.	1.3	23
76	Crosslinking induced by in-situ coordination in acrylonitrile butadiene rubber/poly(vinyl chloride) alloy, filled with anhydrous copper sulfate particles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 378-386.	2.4	32
77	Preparation of Poly (n-butyl acrylates) Encapsulated Carbon Black via Ultrasonic Irradiation Initiating Emulsion Polymerization. <i>Polymer Journal</i> , 2006, 38, 1245-1250.	1.3	31
78	Effect of modified carbon black on the filler-“elastomer interaction and dynamic mechanical properties of SBR vulcanizates. <i>Journal of Applied Polymer Science</i> , 2006, 100, 3707-3712.	1.3	32
79	Low temperature solid-state extrusion of recycled poly(ethylene terephthalate) bottle scraps. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2692-2699.	1.3	13
80	Dynamic mechanical properties in blends of poly(styrene-b-isoprene-b-styrene) with aromatic hydrocarbon resin. <i>Journal of Applied Polymer Science</i> , 2006, 102, 4157-4164.	1.3	16
81	Double-shell surface modifications of large poly(methyl methacrylate) spheres. <i>Journal of Applied Polymer Science</i> , 2005, 96, 829-836.	1.3	1
82	Dynamic properties of carbon black filled chlorinated polyethylene/hindered phenol blends. <i>Polymer International</i> , 2003, 52, 1249-1255.	1.6	14