

Lin Ye

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

2,448
citations

26
h-index

39
g-index

161
ext. papers

2,934
ext. citations

4.5
avg, IF

5.86
L-index

#	Paper	IF	Citations
156	Structure Evolution of Highly Oriented Poly(lactic acid)-b-poly(lactide-co-caprolactone) Block Copolymer during Two-Stage Solid Phase Hot Drawing. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 2110-2125	3.9	
155	Triple-shape memory effect of long-chain branched Poly(lactic acid)-b-poly(lactide-co-caprolactone) and its controllable shape recovery as self-fastening smart bone fixture. <i>Polymer</i> , 2022 , 238, 124421	3.9	0
154	Reactive processing of poly(lactic acid)/poly(ethylene octene) blend film with tailored interfacial intermolecular entanglement and toughening mechanism. <i>Journal of Materials Science and Technology</i> , 2022 , 98, 186-196	9.1	4
153	Low Percolation Threshold and Enhanced Electromagnetic Interference Shielding in Polyoxymethylene/Carbon Nanotube Nanocomposites with Conductive Segregated Networks. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 3962-3972	3.9	1
152	Polyoxymethylene/Reduced Graphene Oxide-g-Melamine Nano-composites With Low Formaldehyde Emission: Intercalation Structure and Synergistic Thermal Oxidative Stabilization Effect. <i>Polymer Degradation and Stability</i> , 2022 , 198, 109876	4.7	1
151	Thermal Stability Enhancement of Oriented Polyethylene by Formation of Epitaxial Shish-kebab Crystalline Structure. <i>Polymer Degradation and Stability</i> , 2021 , 109771	4.7	0
150	Highly reinforcing effect of polycarbonate/poly(ethylene terephthalate) blends by formation of orientation microfibrillar structure. <i>Polymer International</i> , 2021 , 70, 1386-1395	3.3	
149	Tailored Bonded Interfacial Intermolecular Entanglement of Polyethylene/Ultrahigh-Molecular-Weight Polyethylene Blends: Enhancing Miscibility, Reinforcement, and Friction Reduction. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5879-5889	3.9	4
148	In-Situ Formation of Samarium Methacrylate Rare Earth Complex for Improvement of the Durable Sealing Resilience of Ethylene Propylene Diene Monomer Rubber as a Sealing Material. <i>Journal of Macromolecular Science - Physics</i> , 2021 , 60, 866-888	1.4	
147	Facile Construction of Zn ²⁺ -Carboxyl Salt-Bonding as Sacrificial Unit in EPDM Rubber toward Mechanical and Sealing Resilience Performance Enhancement. <i>Macromolecular Materials and Engineering</i> , 2021 , 306, 2100184	3.9	0
146	Poly(vinyl alcohol)/graphene oxide nanocomposite hydrogel with catalytic activity: the removal behavior and dual adsorption/catalytic degradation mechanism for dye wastewater. <i>Polymer International</i> , 2021 , 70, 331-340	3.3	4
145	Fabrication of well-miscible and highly enhanced polyethylene/ultrahigh molecular weight polyethylene blends by facile construction of interfacial intermolecular entanglement. <i>Polymer Testing</i> , 2021 , 93, 106973	4.5	5
144	Polyoxymethylene/Carbon Nanotube Self-Assembly Networks with Improved Electrical Conductivity for Engineering Functional Structural Materials. <i>ACS Applied Nano Materials</i> , 2021 , 4, 9606-9615	5.6	1
143	Highly Reinforced Poly(lactic acid) Foam Fabricated by Formation of a Heat-Resistant Oriented Stereocomplex Crystalline Structure. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 12674-12686	8.3	1
142	A new mussel-inspired highly self-adhesive & conductive poly (vinyl alcohol)-based hydrogel for wearable sensors. <i>Applied Surface Science</i> , 2021 , 562, 150162	6.7	8
141	Dual-Anchoring Intercalation Structure and Enhanced Bioactivity of Poly(vinyl alcohol)/Graphene Oxide/Hydroxyapatite Nanocomposite Hydrogels as Artificial Cartilage Replacement. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 20359-20370	3.9	6
140	Facile Method to Fabricate Superstrong and Tough Poly(vinyl alcohol) Hydrogels with High Energy Dissipation. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 10705-10715	3.9	12

139	In situ preparation of intrinsic flame-retardant urea formaldehyde/carbon nanotubes nanocomposite foam: structure and reinforcing mechanism. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1640-1653	1.5	
138	Enhancing Poly(lactic acid) Microcellular Foams by Formation of Distinctive Crystalline Structures. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7624-7632	3.9	2
137	Polyoxymethylene/graphene oxide-perfluoropolyether nano-composite with ultra-low friction coefficient fabricated by formation of superior interfacial tribofilm. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 132, 105856	8.4	10
136	Long-Chain Branched Poly(lactic acid)-b-poly(lactide-co-caprolactone): Structure, Viscoelastic Behavior, and Triple-Shape Memory Effect as Smart Bone Fixation Material. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 4524-4532	3.9	12
135	Facile construction of robust super-hydrophobic coating for urea-formaldehyde foam: Durable hydrophobicity and Self-cleaning ability. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 132, 105831	8.4	8
134	Compressive stress-thermo oxidative ageing behaviour and mechanism of EPDM rubber gaskets for sealing resilience assessment. <i>Polymer Testing</i> , 2020 , 84, 106366	4.5	12
133	3D printing of a poly(vinyl alcohol)-based nano-composite hydrogel as an artificial cartilage replacement and the improvement mechanism of printing accuracy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 677-690	7.3	41
132	Compatibility and toughening mechanism of poly(ethylene terephthalate)/polycarbonate blends. <i>Polymer International</i> , 2020 , 69, 1297-1307	3.3	0
131	Reactive toughening of intrinsic flame retardant urea-formaldehyde foam with polyether amine: Structure and elastic deformation mechanism. <i>Composites Part B: Engineering</i> , 2019 , 176, 107264	10	7
130	Multiple shape memory behavior of highly oriented long-chain-branched poly(lactic acid) and its recovery mechanism. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 872-883	5.4	5
129	Structure and self-reinforcing mechanism of biaxially oriented polyethylene pipes produced by solid phase die drawing. <i>Polymer</i> , 2019 , 178, 121556	3.9	4
128	Construction of Dual Orientation Crystalline Structure in Poly(vinyl alcohol)/Graphene Oxide Nano-Composite Hydrogels and Reinforcing Mechanism. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 10908-10921	3.9	10
127	Polyamide 6/reduced graphene oxide nano-composites prepared via reactive melt processing: formation of crystalline/network structure and electrically conductive properties. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	8
126	Microcellular polyetherimide/carbon nanotube composite foam: Structure, property and highly reinforcing mechanism. <i>European Polymer Journal</i> , 2019 , 116, 488-496	5.2	7
125	Construction of sacrificial bonds and hybrid networks in EPDM rubber towards mechanical performance enhancement. <i>Applied Surface Science</i> , 2019 , 484, 616-627	6.7	25
124	Construction of robust siloxane coating for urea-formaldehyde foam and durable hydrophobic mechanism. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 122, 96-106	8.4	5
123	Construction of multiple crosslinking networks in EPDM rubber: Synergistic reinforcing effect of graphene-zinc dimethacrylate on EPDM and improvement mechanism of sealing resilience. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 121, 254-264	8.4	18
122	Preparation of long-chain branched poly(ethylene terephthalate): Molecular entanglement structure and toughening mechanism. <i>Polymer Engineering and Science</i> , 2019 , 59, 1190-1198	2.3	13

121	Preparation and adsorption mechanism of polyvinyl alcohol/graphene oxide-sodium alginate nanocomposite hydrogel with high Pb(II) adsorption capacity. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47318	2.9	22
120	Construction of gradient structure in polyetherimide/carbon nanotube nanocomposite foam and its thermal/mechanical property. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 126, 105579	8.4	11
119	Synergistic Reinforcing and Stabilizing Effect of Carbon Black/Zinc Dimethacrylate on the Ethylene Propylene Diene Monomer and Improving Mechanism of Sealing Resilience. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 19937-19945	3.9	3
118	Facile construction of enhanced multiple interfacial interactions in EPDM/zinc dimethacrylate (ZDMA) rubber composites: Highly reinforcing effect and improvement mechanism of sealing resilience. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 126, 105580	8.4	6
117	Controlled in vitro degradation behavior of highly oriented long-chain-branched poly(lactic acid) produced by solid-phase die drawing. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1522-1531	5.4	4
116	Structure and Mechanical Stability of Epoxy Modified Polyurethane Foam Under Heat and Stress. <i>Journal of Macromolecular Science - Physics</i> , 2019 , 58, 113-127	1.4	0
115	Intrinsic flame-retardant urea formaldehyde/graphene nanocomposite foam: Structure and reinforcing mechanism. <i>Polymer Composites</i> , 2019 , 40, E811	3	7
114	Polyurethane/Imide/polyhedral oligomeric silsesquioxane hybrid nano-composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 136, 2383-2396	4.1	7
113	Polyamide 6/graphene oxide-g-hindered phenol antioxidant nano-composites: Intercalation structure and synergistic thermal oxidative stabilization effect. <i>Composites Part B: Engineering</i> , 2019 , 162, 11-20	10	23
112	Highly reinforcing and thermal stabilizing effect of imide structure on polyurethane foam. <i>Polymer International</i> , 2019 , 68, 464-472	3.3	4
111	Intercalation structure and toughening mechanism of graphene/urea-formaldehyde nanocomposites prepared via in situ polymerization. <i>Polymer International</i> , 2018 , 67, 330-339	3.3	9
110	In Situ Cross-Linking of Poly(vinyl alcohol)/Graphene Oxide/Polyethylene Glycol Nanocomposite Hydrogels as Artificial Cartilage Replacement: Intercalation Structure, Unconfined Compressive Behavior, and Biotribological Behaviors. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 3157-3167	3.8	41
109	Reactive toughening of urea-formaldehyde resin with poly(vinyl alcohol) by formation of interpenetrating networks. <i>Polymer Engineering and Science</i> , 2018 , 58, 2031-2038	2.3	2
108	Long-Term Hydrothermal Aging Behavior and Aging Mechanism of Glass Fibre Reinforced Polyamide 6 Composites. <i>Journal of Macromolecular Science - Physics</i> , 2018 , 57, 67-82	1.4	8
107	Reactive melt processing of polyamide 6/reduced graphene oxide nano-composites and its electrically conductive behavior. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 62, 84-95	6.3	14
106	In situ crosslinking of poly(vinyl alcohol)/graphene oxide-glutamic acid nano-composite hydrogel as microbial carrier: Intercalation structure and its wastewater treatment performance. <i>Chemical Engineering Journal</i> , 2018 , 336, 306-314	14.7	44
105	In situ crosslinking of poly(vinyl alcohol)/graphene oxide Nano-composite hydrogel: intercalation structure and adsorption mechanism for advanced Pb(II) removal. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	9
104	Microcellular polyetherimide/graphene-polysiloxane composite foam: intercalation structure, mechanical and thermal properties. <i>Polymer International</i> , 2018 , 67, 1655-1663	3.3	6

103	In situ preparation of polyurethane-imide/graphene oxide nano-composite foam: intercalation structure and thermal mechanical stability. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	7
102	In situ preparation of intrinsic flame retardant urea formaldehyde/aramid fiber composite foam: Structure, property and reinforcing mechanism. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 115, 274-282	8.4	7
101	Construction of Polyurethane-imide/Graphene Oxide Nanocomposite Foam with Gradient Structure and Its Thermal Mechanical Stability. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 13742-13752	3.9	6
100	Synthesis and swelling property of the starch-based macroporous superabsorbent. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	9
99	Controlled pH- and glucose-responsive drug release behavior of cationic chitosan based nano-composite hydrogels by using graphene oxide as drug nanocarrier. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 49, 36-45	6.3	32
98	Intercalation structure and highly enhancing tribological performance of monomer casting nylon-6/graphene nano-composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 95, 274-285	8.4	48
97	Structure evolution and orientation mechanism of long-chain-branched poly (lactic acid) in the process of solid die drawing. <i>European Polymer Journal</i> , 2017 , 90, 54-65	5.2	25
96	Synthesis and swelling property of superabsorbent starch grafted with acrylic acid/2-acrylamido-2-methyl-1-propanesulfonic acid. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3831-3840	4.3	21
95	In situ synthesis of monomer casting nylon-6/reduced graphene oxide nanocomposites: Intercalation structure and electrically conductive properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 50, 123-132	6.3	15
94	Highly heat-resistant silicon-containing polyurethane-imide copolymers: Synthesis and thermal mechanical stability. <i>European Polymer Journal</i> , 2017 , 91, 337-353	5.2	29
93	Structure and biocompatibility of highly oriented poly(lactic acid) film produced by biaxial solid hot stretching. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 52, 338-348	6.3	14
92	Structure and Tribological Performance of Monomer Casting Nylon-6/Colloidal Graphite Composites Synthesized through in Situ Polymerization. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 1345-1357		7
91	Structure and conformation of polyetheramine in confined space of graphene oxide and its enhancement on the electrically conductive properties of monomer casting nylon-6. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 95, 1-11	8.4	18
90	Structure and biocompatibility improvement mechanism of highly oriented poly(lactic acid) produced by solid die drawing. <i>European Polymer Journal</i> , 2017 , 97, 68-76	5.2	9
89	Intercalation Structure and Enhanced Thermal Oxidative Stability of Polyamide 6/Graphene Nanocomposites Prepared through in Situ Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 13715-13724	3.9	9
88	In Situ Synthesis of Monomer Casting Nylon-6/Graphene-Polysiloxane Nanocomposites: Intercalation Structure, Synergistic Reinforcing, and Friction-Reducing Effect. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33176-33190	9.5	43
87	Toughening of Polyvinyl Alcohol Hydrogel Through Co-Crosslinking and its Wastewater Treatment Performance by Immobilizing with Microorganism. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 229-240	4.5	7
86	Outdoor weathering behavior of polyamide 6 under various climates in China. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	3

85	Thermal oxidative aging behavior and stabilizing mechanism of highly oriented polyamide 6. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 126, 795-805	4.1	7
84	Preparation and Structure of Poly(vinyl alcohol)/Polyacrylate Elastomer Composite Hydrogels and Their Application in Wastewater Treatment by Immobilizing with Microorganisms. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 9934-9943	3.9	9
83	High orientation of long chain branched poly (lactic acid) with enhanced blood compatibility and bionic structure. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 1082-9	5.4	12
82	Structure of polyvinyl alcohol-g-acrylic acid-2-acrylamido-2-methyl-1-propanesulfonic acid hydrogel and adsorption mechanism for advanced Pb(II) removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 35, 309-317	6.3	20
81	Monomer casting nylon-6-b-polyether amine copolymers: Synthesis and antistatic property. <i>Polymer Engineering and Science</i> , 2016 , 56, 817-828	2.3	16
80	Synthesis of Hydrophobic Cationic Chitosan Flocculant and Its Sludge Dewatering Property. <i>Journal of Macromolecular Science - Physics</i> , 2016 , 55, 299-309	1.4	7
79	A Novel Elastic Urea-Melamine-Formaldehyde Foam: Structure and Properties. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 8743-8750	3.9	31
78	Intercalation behavior and orientation structure of graphene oxide/polyethylene glycol hybrid material. <i>RSC Advances</i> , 2016 , 6, 72193-72200	3.7	17
77	Long-Term Hydrothermal Aging Behavior and Life-Time Prediction of Polyamide 6. <i>Journal of Macromolecular Science - Physics</i> , 2015 , 54, 239-252	1.4	5
76	Monomer casting nylon-6-b-polyether amine copolymers: Synthesis and properties. <i>Composites Part B: Engineering</i> , 2015 , 79, 170-181	10	18
75	Synthesis and properties of carboxylated poly(vinyl alcohol) hydrogels for wound dressings. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	6
74	In situ stabilization of polyamide 6 with reactive antioxidant. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 119, 1747-1757	4.1	15
73	Synthesis and properties of monomer cast nylon-6-b-polyether amine copolymers with different structures. <i>RSC Advances</i> , 2015 , 5, 32460-32468	3.7	8
72	Synthesis of cationic chitosan hydrogel and its controlled glucose-responsive drug release behavior. <i>Chemical Engineering Journal</i> , 2015 , 273, 92-100	14.7	56
71	Synthesis of cationic chitosan hydrogel with long chain alkyl and its controlled glucose-responsive drug delivery behavior. <i>RSC Advances</i> , 2015 , 5, 96230-96241	3.7	20
70	Intercalation behavior and enhanced dewaterability of waste sludge of cationic polyacrylamide/montmorillonite composite synthesized via in situ intercalation polymerization. <i>Composites Part B: Engineering</i> , 2015 , 83, 134-141	10	5
69	Fibrillation of chain branched poly (lactic acid) with improved blood compatibility and bionic structure. <i>Chemical Engineering Journal</i> , 2015 , 279, 767-776	14.7	18
68	Structure and hydrothermal stability of highly oriented polyamide 6 produced by solid hot stretching. <i>RSC Advances</i> , 2015 , 5, 30160-30169	3.7	18

67	Structure and property of polyoxymethylene copolymerized with styrene oxide. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	1
66	Thermal-oxidative stabilization effect of reactive-hindered amine on monomer casting nylon-6. <i>Journal of Thermoplastic Composite Materials</i> , 2015 , 28, 161-178	1.9	3
65	Structure of PVA/gelatin hydrogel beads and adsorption mechanism for advanced Pb(II) removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 868-876	6.3	65
64	Structure and properties of polyvinyl alcohol/polyurethane blends. <i>Composites Part B: Engineering</i> , 2015 , 69, 389-396	10	26
63	Preparation and drug release behavior of pH-responsive bovine serum albumin-loaded chitosan microspheres. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1389-1397	6.3	69
62	Preparation and properties of monomer casting nylon-6/PEO blend prepared via in situ polymerization. <i>Polymer Engineering and Science</i> , 2015 , 55, 589-597	2.3	13
61	Structure and properties of urea-formaldehyde resin/polyurethane blend prepared via in-situ polymerization. <i>RSC Advances</i> , 2015 , 5, 53700-53707	3.7	16
60	Reactive toughening of polyvinyl alcohol hydrogel and its wastewater treatment performance by immobilization of microorganisms. <i>RSC Advances</i> , 2015 , 5, 91414-91422	3.7	14
59	Structure and blood compatibility of highly oriented poly(L-lactic acid) chain extended by ethylene glycol diglycidyl ether. <i>Polymer</i> , 2015 , 56, 523-534	3.9	22
58	Stress-accelerated photothermal oxidative aging behavior of polyamide 6. <i>Journal of Thermoplastic Composite Materials</i> , 2014 , 27, 1573-1586	1.9	2
57	Enhanced Dewatering of Waste Sludge With Polyacrylamide/Montmorillonite Composite and Its Conditioning Mechanism. <i>Journal of Macromolecular Science - Physics</i> , 2014 , 53, 1465-1476	1.4	3
56	Structure and solvent-resistant property of fluorinated polyurethane elastomer. <i>Journal of Fluorine Chemistry</i> , 2014 , 159, 38-47	2.1	22
55	Synthesis, structure and phase transition property of acrylic acid grafted paraffin. <i>Journal of Molecular Structure</i> , 2014 , 1064, 37-43	3.4	4
54	Photo-Oxidative Stabilization Effect of a Reactive Hindered Amine on Monomer Casting Nylon-6. <i>Journal of Macromolecular Science - Physics</i> , 2014 , 53, 1453-1464	1.4	5
53	Solution Behavior of Hydrophobic Cationic Hydroxyethyl Cellulose. <i>Journal of Macromolecular Science - Physics</i> , 2014 , 53, 149-161	1.4	8
52	Structure and blood compatibility of highly oriented PLA/MWNTs composites produced by solid hot drawing. <i>Journal of Biomaterials Applications</i> , 2014 , 28, 978-89	2.9	15
51	Preparation of PVA hydrogel beads and adsorption mechanism for advanced phosphate removal. <i>Chemical Engineering Journal</i> , 2014 , 235, 207-214	14.7	113
50	Structure and property of polyvinyl alcohol/precipitated silica composite hydrogels for microorganism immobilization. <i>Composites Part B: Engineering</i> , 2014 , 56, 749-755	10	29

49	Structure and property of polyurethane/SiO ₂ composite elastomer prepared via in situ polymerization. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2732-2738	2.9	12
48	Mechanical and crystalline properties of monomer casting Nylon-6/SiO ₂ composites prepared via in situ polymerization. <i>Polymer Engineering and Science</i> , 2013 , 53, 1809-1822	2.3	31
47	Mechanical and Thermal Properties of Polyurethane Elastomers Synthesized with Toluene Diisocyanate Trimer. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 138-154	1.4	9
46	Effect of PEO on the network structure of PVA hydrogels prepared by freezing/thawing method. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3325-3329	2.9	19
45	Preparation and property of poly(vinyl alcohol) grafted with butyl glycidyl ether. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 3757-3763	2.9	8
44	Structure and blood compatibility of highly oriented poly(lactic acid)/thermoplastic polyurethane blends produced by solid hot stretching. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 853-860	3.2	24
43	Structure and properties of PVA/PEO hydrogel prepared by freezing/thawing method. <i>Journal of Thermoplastic Composite Materials</i> , 2013 , 26, 912-922	1.9	11
42	Stress thermo-oxidative aging behavior of polyamide 6. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 1193-1201	2.9	4
41	Effect of Heat Treatment on the Structure and Properties of MC Nylon 6. <i>Polymer-Plastics Technology and Engineering</i> , 2012 , 51, 689-695		19
40	Stress photo-oxidative aging behaviour of polyamide 6. <i>Polymer International</i> , 2012 , 61, 118-123	3.3	10
39	Structure and properties of hydrophobic cationic poly(vinyl alcohol). <i>Polymer International</i> , 2012 , 61, 571-580	3.3	8
38	Molecular simulation on relationship between composition and microstructure of PP/PC blend. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 1165-1173	2.9	3
37	Structure and Property of Porous Polyvinylalcohol Hydrogels for Microorganism Immobilization. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 398-404	4.5	13
36	Preparation and properties of the main-chain-fluorinated thermoplastic polyurethane elastomer. <i>Polymer Bulletin</i> , 2011 , 66, 503-515	2.4	16
35	Structure and properties of highly oriented polyoxymethylene produced by hot stretching. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 4585-4591	5.3	35
34	Morphologies and mechanical properties of polylactide/thermoplastic polyurethane elastomer blends. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 2778-2783	2.9	140
33	Structure and properties of PP/POE/HDPE blends. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 1013-1022		7
32	Improvement of Permeability of Poly(vinyl alcohol) Hydrogel by Using Poly(ethylene glycol) as Porogen. <i>Polymer-Plastics Technology and Engineering</i> , 2011 , 50, 776-782		29

31	Structure and mechanical properties of polyoxymethylene/multi-walled carbon nanotube composites. <i>Composites Part B: Engineering</i> , 2011 , 42, 926-933	10	37
30	Structure and properties of highly oriented polyoxymethylene/multi-walled carbon nanotube composites produced by hot stretching. <i>Composites Science and Technology</i> , 2011 , 71, 1367-1372	8.6	30
29	Structure and Property of Cationic Hydroxyethyl Cellulose. <i>Polymer-Plastics Technology and Engineering</i> , 2010 , 49, 807-811		10
28	Synthesis and properties of fluorinated thermoplastic polyurethane elastomer. <i>Journal of Fluorine Chemistry</i> , 2010 , 131, 36-41	2.1	30
27	Preparation and characterization of thermally conductive polystyrene/carbon nanotubes composites. <i>Journal of Applied Polymer Science</i> , 2010 , 116, NA-NA	2.9	1
26	Preparation, structure, and property of polyoxymethylene/carbon nanotubes thermal conductive composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 905-912	2.6	32
25	Ultraviolet Oxidative Stabilization Effect of the Rare Earth Compound on Polyamide. <i>Polymer-Plastics Technology and Engineering</i> , 2009 , 48, 860-865		3
24	Study on the Long-Term Acid Rain Aging Behaviour of Polyamide 6. <i>Journal of Macromolecular Science - Physics</i> , 2009 , 48, 526-536	1.4	7
23	Structure and properties of fluorinated polymer/poly(ethylene oxide) blends. <i>Polymer International</i> , 2009 , 58, 900-905	3.3	4
22	Thermal conductive PS/graphite composites. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 21-27	3.2	115
21	Preparation and properties of PP/PC/POE blends. <i>Polymers for Advanced Technologies</i> , 2009 , 21, n/a-n/a	3.2	2
20	Study on the Polyvinylalcohol/Montmorillonite Composite Hydrogel. <i>Polymer-Plastics Technology and Engineering</i> , 2009 , 48, 595-601		24
19	The Thermostabilization of Polyoxymethylene Through Amine Treatment. <i>Polymer-Plastics Technology and Engineering</i> , 2008 , 47, 404-410		1
18	Synthesis and properties of polyester-based TPUs prepared by solution polymerisation. <i>Plastics, Rubber and Composites</i> , 2008 , 37, 331-340	1.5	6
17	Synthesis of melamine-formaldehyde polycondensates as the thermal stabilizer of polyoxymethylene through ultrasonic irradiation. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 399-408 ^{3,2}		15
16	Effect of novel compatibilizers on the properties and morphology of PP/PC blends. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1069-1076	3.2	16
15	A new and highly efficient formaldehyde absorbent of polyoxymethylene. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1286-1295	3.2	8
14	Effect of SEPS as a novel compatibilizer on the properties and morphology of PP/PC/POE blends. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 3531-3541	2.9	13

13	Thermal stabilization effect of biphenol monoacrylate on polyamide 6. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 856-863	2.9	11
12	Study on the long-term thermal-oxidative aging behavior of polyamide 6. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 945-957	2.9	47
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10	Synthesis of boron-containing coupling agents and its effect on the interfacial bonding of fluoropolymer/TATB composite. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 777-782	2.9	7
9	Study on the thermal degradation of polyoxymethylene by thermogravimetryFourier transform infrared spectroscopy (TGFTIR). <i>Journal of Applied Polymer Science</i> , 2006 , 99, 3085-3092	2.9	42
8	Study on the rheological behavior of the hydrophobically modified hydroxyethyl cellulose with 1,2-epoxyhexadecane*. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 2953-2959	2.9	14
7	Study of rheological behavior of hydrophobically modified hydroxyethyl cellulose. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 3346-3352	2.9	19
6	A study on the solution behavior of IPBC-hydrophobically-modified hydroxyethyl cellulose. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 2824-2831	2.9	5
5	Study on the High Efficiency Antioxidant of Polyoxymethylene. <i>Polymer-Plastics Technology and Engineering</i> , 2006 , 45, 1181-1190		3
4	Study on the Thermal Stabilization Effect of Polyamide on Polyoxymethylene. <i>Polymer-Plastics Technology and Engineering</i> , 2006 , 45, 839-844		8
3	High Efficiency Nucleating Agents of Polyoxymethylene. <i>Polymer-Plastics Technology and Engineering</i> , 2006 , 45, 963-970		10
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1	Study on the morphology of the hydrophobically-modified polyelectrolyte in aqueous solution by AFM measurements. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 1175-1178	2.9	4