

Yongjin Li

List of Publications by Year in descending order

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129
papers

3,894
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117625

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3353
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#	ARTICLE	IF	CITATIONS
1	Ionic liquid grafted polyethersulfone nanofibrous membrane as recyclable adsorbent with simultaneous dye, heavy metal removal and antibacterial property. <i>Chemical Engineering Journal</i> , 2022, 428, 132111.	12.7	49
2	Hierarchically porous membranes with multiple channels: Fabrications in PVDF/PMMA/PLLA blend and enhanced separation performance. <i>Journal of Membrane Science</i> , 2022, 643, 120065.	8.2	12
3	Programmable Transition between Adhesive/Anti-Adhesive Performances on Porous PVDF Spheres Supported by Shape Memory PLLA. <i>Polymers</i> , 2022, 14, 374.	4.5	6
4	Toward simultaneous compatibilization and nucleation of fully biodegradable nanocomposites: Effect of nanorod-assisted interfacial stereocomplex crystals in immiscible polymer blends. <i>Composites Part B: Engineering</i> , 2022, 234, 109708.	12.0	16
5	Role of Interfacial Postreaction during Thermal Treatment: Toward a Better Understanding of the Toughness of PLLA/Reactive Elastomer Blends. <i>Macromolecules</i> , 2022, 55, 1321-1331.	4.8	18
6	Wrinkled CNTs@PLLA Composite Membranes for Enhanced Separation Performance. <i>Membranes</i> , 2022, 12, 278.	3.0	1
7	Interfacial Engineering with Rigid Nanoplatelets in Immiscible Polymer Blends: Interface Strengthening and Interfacial Curvature Controlling. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11016-11027.	8.0	13
8	Structure and Properties of PVDF/PA6 Blends Compatibilized by Ionic Liquid-Grafted PA6. <i>ACS Omega</i> , 2022, 7, 12772-12778.	3.5	5
9	The synthesis of functional Janus nanosheets as compatibilizers for the immiscible polyamide 6/polystyrene (PA6/PS): Formation of the nanosilica monolayer at the interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 643, 128788.	4.7	4
10	Enhancement of strength and toughness of bio-nanocomposites with good transparency and heat resistance by reactive processing. <i>IScience</i> , 2022, 25, 104560.	4.1	0
11	Synchronous toughening and strengthening of the immiscible polylactic acid/thermoplastic polyurethane (PLLA/TPU) blends via the interfacial compatibilization with Janus nanosheets. <i>Composites Science and Technology</i> , 2022, 227, 109611.	7.8	15
12	Multifunctional porous materials with simultaneous high water flux, antifouling and antibacterial performances from ionic liquid grafted polyethersulfone. <i>Polymer</i> , 2021, 212, 123183.	3.8	14
13	Anti-biofouling microfiltration membranes based on 1-vinyl-3-butylimidazolium chloride grafted PVDF with improved bactericidal properties and vitro biocompatibility. <i>Materials Science and Engineering C</i> , 2021, 118, 111411.	7.3	15
14	A highly stretchable strain sensor with both an ultralow detection limit and an ultrawide sensing range. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1795-1802.	10.3	92
15	Encapsulation of inorganic nanoparticles in a block copolymer vesicle wall driven by the interfacial instability of emulsion droplets. <i>Polymer Chemistry</i> , 2021, 12, 4184-4192.	3.9	10
16	Stable Co-Continuous PLA/PBAT Blends Compatibilized by Interfacial Stereocomplex Crystallites: Toward Full Biodegradable Polymer Blends with Simultaneously Enhanced Mechanical Properties and Crystallization Rates. <i>Macromolecules</i> , 2021, 54, 2852-2861.	4.8	93
17	Effects of side chains in compatibilizers on interfacial adhesion of immiscible PLLA/ABS blends. <i>Materials Chemistry and Physics</i> , 2021, 262, 124219.	4.0	5
18	Crosslinked network formation beyond graft copolymers in transparent bisphenol-A Polycarbonate/Poly(methyl methacrylate) blends catalyzed by bis(trifluoromethanesulphonyl)imide based organic salts. <i>Polymer</i> , 2021, 223, 123700.	3.8	3

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19	Ionic liquid enabled flexible transparent polydimethylsiloxane sensors for both strain and temperature sensing. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 574-583.	21.1	86
20	Strengthened interface as flame retarding belt: Compatibilized PLLA/PP blends by reactive boehmite nanorods. <i>Polymer</i> , 2021, 228, 123879.	3.8	10
21	Disordered graphite platelets in polypropylene (PP) matrix by spherical alumina particles: Increased thermal conductivity of the PP/flake graphite composites. <i>Composites Communications</i> , 2021, 27, 100856.	6.3	14
22	Microsphere with narrow nanopores: Fabrication in PVDF/PMMA/PLLA blend and enhanced adsorption/separation performances. <i>Applied Surface Science</i> , 2021, 566, 150673.	6.1	8
23	Effect of PMMA Molecular Weight on Its Localization during Crystallization of PVDF in Their Blends. <i>Polymers</i> , 2021, 13, 4138.	4.5	8
24	Determining the optimal molecular architecture for reactive splicing compatibilization: Toward a better understanding of reactive polymer processing. <i>Polymer</i> , 2020, 208, 122948.	3.8	15
25	Arrested Elongated Interface with Small Curvature by the Simultaneous Reactive Compatibilization and Stereocomplexation. <i>Macromolecules</i> , 2020, 53, 10664-10674.	4.8	32
26	Radiation Induced Surface Modification of Nanoparticles and Their Dispersion in the Polymer Matrix. <i>Nanomaterials</i> , 2020, 10, 2237.	4.1	8
27	Porous Nanocomposites with Monolayer Nano-SiO ₂ Coated Skeleton from Interfacial Nanoparticle-Anchored Cocontinuous Polymer Blends. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5735-5742.	4.4	8
28	Observation of Double Gyroid and Hexagonally Perforated Lamellar Phases in ABCBA Pentablock Terpolymers. <i>Macromolecules</i> , 2020, 53, 9641-9653.	4.8	10
29	Stabilizing Polymeric Interface by Janus Nanosheet. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000392.	3.9	17
30	Switchable Isotropic/Anisotropic Wettability and Programmable Droplet Transportation on a Shape-Memory Honeycomb. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42314-42320.	8.0	17
31	Improvement of PLLA Ductility by Blending with PVDF: Localization of Compatibilizers at Interface and Its Glycidyl Methacrylate Content Dependency. <i>Polymers</i> , 2020, 12, 1846.	4.5	6
32	Inter-spherulitic/inner-spherulitic localization of PBSU during crystallization of PVDF in PVDF / PBSU blend. <i>Journal of Polymer Science</i> , 2020, 58, 1699-1706.	3.8	11
33	Interfacially located nanoparticles: Barren nanorods versus polymer grafted nanorods. <i>Composites Part B: Engineering</i> , 2020, 198, 108153.	12.0	21
34	Direct evidence for the validity of assessing reaction extent by torque spectrum during reactive processing. <i>Polymer</i> , 2020, 197, 122499.	3.8	4
35	Simultaneously Grafting Poly(lactic acid) (PLLA) and Polyethylene (PE) Chains onto a Reactive SG Copolymer: Formation of Supertough PLLA/PE Blends by Reactive Processing. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 12106-12113.	3.7	9
36	Reactive Comb Polymer Compatibilized Immiscible PVDF/PLLA Blends: Effects of the Main Chain Structure of Compatibilizer. <i>Polymers</i> , 2020, 12, 526.	4.5	6

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37	A dense packing structure constructed by flake and spherical graphite: Simultaneously enhanced in-plane and through-plane thermal conductivity of polypropylene/graphite composites. <i>Composites Communications</i> , 2020, 19, 25-29.	6.3	36
38	Interfacial stability of compatibilizers dictated by the thermodynamic interactions in an immiscible system and the effects of micelles on the crystallization of PLLA. <i>Journal of Polymer Science</i> , 2020, 58, 372-382.	3.8	5
39	Hierarchically porous membranes with isolated-round-pores connected by narrow-nanopores: A novel solution for trade-off effect in separation. <i>Journal of Membrane Science</i> , 2020, 604, 118040.	8.2	25
40	Fabrication of PLLA with High Ductility and Transparency by Blending with Tiny Amount of PVDF and Compatibilizers. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900316.	3.6	14
41	Porous POM/PLLA membranes decorated with gold nanoparticles as flexible and efficient plasmonic substrates for surface-enhanced Raman scattering. <i>Applied Surface Science</i> , 2019, 498, 143856.	6.1	9
42	Reactive splicing compatibilization of immiscible polymer blends: Compatibilizer synthesis in the melt state and compatibilizer architecture effects. <i>Polymer</i> , 2019, 185, 121952.	3.8	44
43	Graft ratio: Quantitative measurement and direct evidence for its blending sequence dependence during reactive compatibilization in PVDF/PLLA. <i>Polymer</i> , 2019, 185, 121970.	3.8	9
44	Increased gt Conformer Contents of PLLA Molecular Chains Induced by Li-TFSI in Melt: Another Route to Promote PLLA Crystallization. <i>Macromolecules</i> , 2019, 52, 7065-7072.	4.8	17
45	Poly(oxymethylene)/poly(butylene succinate) blends: Miscibility, crystallization behaviors and mechanical properties. <i>Polymer</i> , 2019, 167, 40-47.	3.8	16
46	Effects of blending sequences and molecular structures of the compatibilizers on the morphology and properties of PLLA/ABS blends. <i>RSC Advances</i> , 2019, 9, 2189-2198.	3.6	12
47	Flame-retarding nanoparticles as the compatibilizers for immiscible polymer blends: simultaneously enhanced mechanical performance and flame retardancy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4903-4912.	10.3	61
48	Sub-100 nm Cocontinuous Structures Fabricated in Immiscible Commodity Polymer Blend with Extremely Low Volume/Viscosity Ratio. <i>ACS Applied Polymer Materials</i> , 2019, 1, 124-129.	4.4	11
49	Copolymers containing two types of reactive groups: New compatibilizer for immiscible PLLA/PA11 polymer blends. <i>Polymer</i> , 2019, 177, 139-148.	3.8	34
50	Thermoplastic shape memory composites with enhanced recovery stress and recovery ratio based on double roles of PVAc-g-GO. <i>Composites Communications</i> , 2019, 13, 52-56.	6.3	6
51	Ionic liquid grafted polyamide 6 as porous membrane materials: Enhanced water flux and heavy metal adsorption. <i>Applied Surface Science</i> , 2019, 481, 1435-1441.	6.1	21
52	Mechanism of Reactive Compatibilization of PLLA/PVDF Blends Investigated by Scanning Transmission Electron Microscopy with Energy-Dispersive X-ray Spectrometry and Electron Energy Loss Spectroscopy. <i>ACS Applied Polymer Materials</i> , 2019, 1, 815-824.	4.4	18
53	Nano-porous shape memory membrane: Fabrication based on double bicontinuous structures in ternary blend and pore-size manipulation by macroscopic deformation. <i>Applied Surface Science</i> , 2019, 480, 276-280.	6.1	10
54	Investigation on the Crystallization Behaviors of Polyoxymethylene with a Small Amount of Ionic Liquid. <i>Nanomaterials</i> , 2019, 9, 206.	4.1	14

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55	Fabrication of PLLA with High Ductility and Transparency by Blending with Tiny Amount of PVDF and Compatibilizers. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1970030.	3.6	5
56	Physical and Rheological Properties of Maleic Anhydride-Incorporated PVDF: Does MAH Act as a Physical Crosslinking Point for PVDF Molecular Chains?. <i>ACS Omega</i> , 2019, 4, 21540-21547.	3.5	14
57	Crystal Forms and Microphase Structures of Poly(vinylidene fluoride-co-hexafluoropropylene) Physically and Chemically Incorporated with Ionic Liquids. <i>Macromolecules</i> , 2019, 52, 385-394.	4.8	13
58	In-situ grafting of carboxylic acid terminated poly(methyl methacrylate) onto ethylene-glycidyl methacrylate copolymers: One-pot strategy to compatibilize immiscible poly(vinylidene fluoride)/ low density polyethylene blends. <i>Polymer</i> , 2019, 160, 162-169.	3.8	13
59	Reversible transition between adhesive and antiadhesive performances by stretching/recovery on superhydrophobic TPU/CNTs composite membrane surface. <i>Applied Surface Science</i> , 2019, 471, 900-903.	6.1	13
60	Ionic Liquid-Grafted Polyamide 6 by Radiation-Induced Grafting: New Strategy To Prepare Covalently Bonded Ion-Containing Polymers and their Application as Functional Fibers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5462-5475.	8.0	24
61	Investigation on Molecular Structures of Electron-Beam-Irradiated Low-Density Polyethylene by Rheology Measurements. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4298-4310.	3.7	12
62	Enhanced Interfacial Adhesion by Reactive Carbon Nanotubes: New Route to High-Performance Immiscible Polymer Blend Nanocomposites with Simultaneously Enhanced Toughness, Tensile Strength, and Electrical Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8411-8416.	8.0	87
63	Interfacial designing of PP/GF composites by binary incorporation of MAH-g-PP and lithium bis(trifluoromethanesulfonyl)imide: Towards high strength composites with excellent antistatic performance. <i>Composites Science and Technology</i> , 2018, 156, 247-253.	7.8	19
64	Strain-gauge sensing composite films with self-restoring water-repellent properties for monitoring human movements. <i>Composites Communications</i> , 2018, 7, 23-29.	6.3	23
65	Shape memory polymers with interconnected nanopores and high mechanical strength. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 125-130.	2.1	13
66	Efficient Flame Detection and Early Warning Sensors on Combustible Materials Using Hierarchical Graphene Oxide/Silicone Coatings. <i>ACS Nano</i> , 2018, 12, 416-424.	14.6	227
67	Ionic Liquids Incorporating Polyamide 6: Miscibility and Physical Properties. <i>Polymers</i> , 2018, 10, 562.	4.5	23
68	Fabrication of Superhydrophobic Surfaces with Controllable Electrical Conductivity and Water Adhesion. <i>Langmuir</i> , 2017, 33, 1368-1374.	3.5	34
69	Synergistic effects of two types of ionic liquids on the dispersion of multiwalled carbon nanotubes in ethylene-vinyl acetate elastomer: preparation and characterization of flexible conductive composites. <i>Polymer International</i> , 2017, 66, 1708-1715.	3.1	7
70	PROP: an in situ cascade polymerization method for the facile synthesis of polyesters. <i>Polymer Chemistry</i> , 2017, 8, 1953-1962.	3.9	13
71	Glass-Fiber Networks as an Orbit for Ions: Fabrication of Excellent Antistatic PP/GF Composites with Extremely Low Organic Salt Loadings. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18305-18313.	8.0	28
72	Poly (vinylidene fluoride) dielectric composites with both ionic nanoclusters and well dispersed graphene oxide. <i>Composites Science and Technology</i> , 2017, 138, 98-105.	7.8	70

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73	Reactive Nanoparticles Compatibilized Immiscible Polymer Blends: Synthesis of Reactive SiO ₂ with Long Poly(methyl methacrylate) Chains and the in Situ Formation of Janus SiO ₂ Nanoparticles Anchored Exclusively at the Interface. ACS Applied Materials & Interfaces, 2017, 9, 14358-14370.	8.0	112
74	Silver nanoparticle-immobilized porous POM/PLLA nanofibrous membranes: efficient catalysts for reduction of 4-nitroaniline. RSC Advances, 2017, 7, 7460-7468.	3.6	22
75	Stability and structure evolution in PMMA/SAN bilayer films upon solvent annealing. Colloid and Polymer Science, 2017, 295, 181-188.	2.1	8
76	Stretchable Ionic-Liquid-Based Gel Polymer Electrolytes for Lithium-Ion Batteries. Industrial & Engineering Chemistry Research, 2017, 56, 12456-12463.	3.7	42
77	Parallel-stripe structures in PLLA/POM blend films. Polymer, 2017, 128, 100-107.	3.8	6
78	Reactive Compatibilization: Formation of Double-Grafted Copolymers by In Situ Binary Grafting and Their Compatibilization Effect. ACS Applied Materials & Interfaces, 2017, 9, 33091-33099.	8.0	35
79	Semicrystalline Polymer Binary-Phase Structure Templated Quasi-Block Graft Copolymers. Journal of Physical Chemistry B, 2017, 121, 7508-7518.	2.6	9
80	Micropore Geometry Manipulation by Macroscopic Deformation Based on Shape Memory Effect in Porous PLLA Membrane and its Enhanced Separation Performance. ACS Applied Materials & Interfaces, 2017, 9, 43415-43419.	8.0	17
81	Rheology of Nanosilica-Compatibilized Immiscible Polymer Blends: Formation of a Heterogeneous Network Facilitated by Interfacially Anchored Hybrid Nanosilica. Macromolecules, 2017, 50, 9494-9506.	4.8	97
82	TiO ₂ Nanotube Arrays: Fabricated by Soft Hard Template and the Grain Size Dependence of Field Emission Performance. Nanoscale Research Letters, 2017, 12, 593.	5.7	2
83	Durable Anti-Superbug Polymers: Covalent Bonding of Ionic Liquid onto the Polymer Chains. Biomacromolecules, 2017, 18, 4364-4372.	5.4	36
84	Immiscible polymer blends compatibilized with reactive hybrid nanoparticles: Morphologies and properties. Polymer, 2017, 132, 353-361.	3.8	50
85	Towards Flexible Dielectric Materials with High Dielectric Constant and Low Loss: PVDF Nanocomposites with both Homogenously Dispersed CNTs and Ionic Liquids Nanodomains. Polymers, 2017, 9, 562.	4.5	34
86	Dramatic Improvement in Toughness of PLLA/PVDF Blends: the Effect of Compatibilizer Architectures. ACS Sustainable Chemistry and Engineering, 2016, 4, 4480-4489.	6.7	55
87	Composition fluctuation intensity effect on the stability of polymer films. RSC Advances, 2016, 6, 69715-69719.	3.6	3
88	Electrospun nanofibers with both surface nanopores and internal interpenetrated nanochannels for oil absorption. RSC Advances, 2016, 6, 33781-33788.	3.6	16
89	Nanocrystalline cellulose reinforced sulfonated fluorenyl-containing polyaryletherketones for proton exchange membranes. Solid State Ionics, 2016, 297, 29-35.	2.7	34
90	Formation of Interfacial Janus Nanomicelles by Reactive Blending and Their Compatibilization Effects on Immiscible Polymer Blends. Journal of Physical Chemistry B, 2016, 120, 9240-9252.	2.6	50

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91	Local Grafting of Ionic Liquid in Poly(vinylidene fluoride) Amorphous Region and the Subsequent Microphase Separation Behavior in Melt. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1559-1565.	3.9	12
92	Poly(vinylidene fluoride) Nanocomposites with Simultaneous Organic Nanodomains and Inorganic Nanoparticles. <i>Macromolecules</i> , 2016, 49, 1026-1035.	4.8	36
93	“Lotus-effect”-tape: imparting superhydrophobicity to solid materials with an electrospun Janus composite mat. <i>RSC Advances</i> , 2016, 6, 17215-17221.	3.6	19
94	TPU Inclusion Complex Modified POM: Fabrication of High Performance POM Composites with Both Excellent Stiffness–Toughness Balance and Thermostability. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 2983-2991.	3.7	11
95	Fabrication of TiO ₂ /WO ₃ Composite Nanofibers by Electrospinning and Photocatalytic Performance of the Resultant Fabrics. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 80-85.	3.7	33
96	Selectively located aluminum hydroxide in rubber phase in a TPV: Towards to a halogen-free flame retardant thermoplastic elastomer with ultrahigh flexibility. <i>Polymer Composites</i> , 2015, 36, 1258-1265.	4.6	9
97	Nanohybrid Polymeric Nucleating Agents: In Situ Decorated Carbon Nanotubes and Serial Nucleation Behaviors in a Melt–Miscible Crystalline/Crystalline Blend. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1801-1807.	2.2	3
98	Compatibilization of Immiscible Polymer Blends Using <i>in Situ</i> Formed Janus Nanomicelles by Reactive Blending. <i>ACS Macro Letters</i> , 2015, 4, 1398-1403.	4.8	81
99	Immobilization of Ionic Liquids onto the Poly(vinylidene fluoride) by Electron Beam Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 9351-9359.	3.7	32
100	Synthesis of Reactive Comb Polymers and Their Applications as a Highly Efficient Compatibilizer in Immiscible Polymer Blends. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 2081-2089.	3.7	50
101	Crystallization-Modulated Nanoporous Polymeric Materials with Hierarchical Patterned Surfaces and 3D Interpenetrated Internal Channels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6946-6954.	8.0	31
102	PLLA/ABS Blends Compatibilized by Reactive Comb Polymers: Double <i>T_g</i> Depression and Significantly Improved Toughness. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2542-2550.	6.7	92
103	Block-assembling: a new strategy for fabricating conductive nanoporous materials from nanocomposites based on a melt-miscible crystalline/crystalline blend and MWCNTs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8510-8518.	5.5	7
104	Isolated Protective Char Layers by Nanoclay Network: Significantly Improved Flame Retardancy and Mechanical Performance of TPV/MH Composites by Small Amount of Nanoclay. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6912-6921.	3.7	15
105	Nanostructured Poly(vinylidene fluoride)/Ionic Liquid Composites: Formation of Organic Conductive Nanodomains in Polymer Matrix. <i>Journal of Physical Chemistry C</i> , 2015, 119, 21155-21164.	3.1	36
106	Morphologies and Crystallization Behaviors in Melt-Miscible Crystalline/Crystalline Blends with Close Melting Temperatures but Different Crystallization Kinetics. <i>Macromolecules</i> , 2015, 48, 8515-8525.	4.8	30
107	Selective solvent annealing induced phase separation and dewetting in PMMA/SAN blend ultrathin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1243-1251.	2.1	10
108	High-performance biosourced poly(lactic acid)/polyamide 11 blends with controlled salami structure. <i>Polymer International</i> , 2014, 63, 1094-1100.	3.1	43

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109	Investigations on the morphologies and properties of epoxy/acrylic rubber/nanoclay nanocomposites for adhesive films. <i>Composites Science and Technology</i> , 2014, 93, 46-53.	7.8	31
110	Banded spherulite templated three-dimensional interpenetrated nanoporous materials. <i>RSC Advances</i> , 2014, 4, 43351-43356.	3.6	21
111	Enhanced Crystallization Rate of Poly(l-lactic acid) (PLLA) by Polyoxymethylene (POM) Fragment Crystals in the PLLA/POM Blends with a Small Amount of POM. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7167-7176.	2.6	36
112	Synthesis and properties of flame-retardant poly(vinyl alcohol)/pseudo-boehmite nanocomposites with high transparency and enhanced refractive index. <i>Polymer Degradation and Stability</i> , 2014, 99, 53-60.	5.8	29
113	Effect of a Room-Temperature Ionic Liquid on the Structure and Properties of Electrospun Poly(vinylidene fluoride) Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4447-4457.	8.0	103
114	Toward an Optically Transparent, Antielectrostatic, and Robust Polymer Composite: Morphology and Properties of Polycarbonate/Ionic Liquid Composites. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4304-4311.	3.7	29
115	Ionic liquid induced supramolecular self-assembly of poly(3,4-ethylenedioxythiophene)/poly(4-styrenesulfonate) thin films with enhanced conductivity and tunable nanoporosity. <i>Macromolecular Research</i> , 2013, 21, 456-461.	2.4	10
116	Ionic liquid modified poly(vinylidene fluoride): crystalline structures, miscibility, and physical properties. <i>Polymer Chemistry</i> , 2013, 4, 5726.	3.9	181
117	Solvent annealing induced phase separation and dewetting in PMMA/SAN blend films: composition dependence. <i>Polymer Chemistry</i> , 2013, 4, 3943.	3.9	11
118	Miscibility and Double Glass Transition Temperature Depression of Poly(l-lactic acid) (PLLA)/Poly(oxymethylene) (POM) Blends. <i>Macromolecules</i> , 2013, 46, 5806-5814.	4.8	92
119	Shape Memory Performance of Thermoplastic Polyvinylidene Fluoride/Acrylic Copolymer Blends Physically Cross-Linked by Tiny Crystals. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4825-4831.	8.0	60
120	Crystal Orientation Behavior and Shape-Memory Performance of Poly(vinylidene fluoride)/Acrylic Copolymer Blends. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1256-1264.	2.6	42
121	Influence of the Mole Ratio of the Interacting to the Stabilizing Portion (RI/S) in Hyperbranched Polymers on CaCO ₃ Crystallization: Synthesis of Highly Monodisperse Microspheres. <i>Crystal Growth and Design</i> , 2012, 12, 4053-4059.	3.0	8
122	Highly Ordered Hierarchical Poly(ethylene oxide)-b-polystyrene/Organoclay Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1613-1619.	8.0	3
123	Compatibilization by Homopolymer: Significant Improvements in the Modulus and Tensile Strength of PPC/PMMA Blends by the Addition of a Small Amount of PVAc. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1650-1655.	8.0	74
124	Oriented crystallization of poly(L-lactic acid) in uniaxially oriented blends with poly(vinylidene fluoride). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1376-1389.	2.1	19
125	Polymer Crystallites with Few Tie Molecules from a Miscible Polymer Blend. <i>Macromolecules</i> , 2008, 41, 3396-3400.	4.8	20
126	Conductive PVDF/PA6/CNTs Nanocomposites Fabricated by Dual Formation of Cocontinuous and Nanodispersion Structures. <i>Macromolecules</i> , 2008, 41, 5339-5344.	4.8	215

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127	Organization of Oriented Lamellar Structures in a Miscible Crystalline/Crystalline Polymer Blend under Uniaxial Compression Flow near the Melting Temperature. <i>Macromolecules</i> , 2007, 40, 2751-2759.	4.8	29
128	Morphological investigations on the nanostructured poly(vinylidene fluoride)/polyamide 11 blends by high-shear processing. <i>European Polymer Journal</i> , 2006, 42, 3202-3211.	5.4	37
129	Panther chameleon-inspired, continuously-regulated, high-saturation structural color of a reflective grating on the nano-patterned surface of a shape memory polymer. <i>Nanoscale Advances</i> , 0, , .	4.6	4