

Zhong Xin

List of Publications by Year in descending order

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170
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Bio-Based Polybenzoxazine/Pyrogallol/Polyhedral Oligomeric Silsesquioxane Nanocomposites: Low Dielectric Constant and Low Curing Temperature. <i>Macromolecular Materials and Engineering</i> , 2022, 307, 2100747.	3.6	17
2	Excellent behaviors of highly dispersed Ni-based catalyst in CO methanation synthesized by in-situ hydrothermal method with carbon quantum dots assisted. <i>Fuel</i> , 2022, 310, 121813.	6.4	6
3	Synthesis of non-spherical bridged polysilsesquioxane particles with controllable morphology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 637, 128203.	4.7	2
4	Study of two novel siloxane-containing polybenzoxazines with intrinsic low dielectric constant. <i>Polymer</i> , 2022, 245, 124572.	3.8	16
5	Curing Kinetics of Main-Chain Benzoxazine Polymers Synthesized in Continuous Flow. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 2947-2954.	3.7	3
6	N, S, O co-doped porous carbons derived from bio-based polybenzoxazine for efficient CO ₂ capture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 646, 128845.	4.7	7
7	Chain disentanglement in POSS/UHMWPE composites prepared via in-situ polymerization. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	2
8	Enhancement of α -in-situ dispersed NA11 for the mechanical and crystallization properties of polypropylene. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	2
9	Fabrication of superhydrophobic bio-based polybenzoxazine/hexagonal boron nitride composite coating for corrosion protection. <i>Progress in Organic Coatings</i> , 2022, 167, 106863.	3.9	4
10	Thermal and Kinetic Research on a Highly Exothermic Condensation Reaction by Powerful Calorimeters. <i>Organic Process Research and Development</i> , 2022, 26, 1365-1377.	2.7	4
11	Enhanced crystallization property and equilibrium mechanical properties of a novel self-assembly nucleating system based phosphate for polypropylene. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	3
12	Fully Biodegradable Long-Chain Branched Polylactic Acid with High Crystallization Performance and Heat Resistance. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 10945-10954.	3.7	3
13	Bio-based polybenzoxazine superhydrophobic coating with active corrosion resistance for carbon steel protection. <i>Surface and Coatings Technology</i> , 2021, 405, 126569.	4.8	37
14	Facile fabrication of non-spherical thiol-functionalized organosilica particles and their adsorption of Ag(I). <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	3
15	Polybenzoxazine/Epoxy Composite Coatings: Effect of Crosslinking on Corrosion Resistance. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1675-1683.	3.7	13
16	Failure mechanism of zinc adipate as a β -nucleating agent for polypropylene in the presence of calcium stearate. <i>Polymer</i> , 2021, 215, 123374.	3.8	9
17	Calcium Salt of L-Isoleucine-Phthalate: An β -Nucleating Agent That Enhances the Crystallization Behavior and Mechanical Properties of Isotactic Polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2021, 60, 531-543.	1.0	2
18	Effect of the lanthanum and cerium phenylphosphonates on the crystallization and mechanical properties of isotactic polypropylene. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	5

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19	An effective nucleating agent for isotactic polypropylene (iPP): Zinc bis- (nadic anhydride) double-decker silsesquioxanes. <i>Polymer</i> , 2021, 220, 123574.	3.8	15
20	Two novel eugenol-based difunctional benzoxazines: Synthesis and properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126209.	4.7	17
21	Superhydrophobic Polybenzoxazine/TiO ₂ Coatings with Reversible Wettability for High-Flux Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8516-8526.	3.7	10
22	Toward Understanding the Effect of Solvent Evaporation on the Morphology of PLGA Microspheres by Double Emulsion Method. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 9196-9205.	3.7	11
23	Polyol-pretreated SBA-16 supported Ni-Fe bimetallic catalyst applied in CO methanation at low temperature. <i>Molecular Catalysis</i> , 2021, 512, 111769.	2.0	7
24	Effective Phosphorylation of 2,2,4,4-Tetrahydro-2H-pyridin-6-yl Phenol in Continuous Flow Reactors. <i>Organic Process Research and Development</i> , 2021, 25, 2060-2070.	2.7	7
25	Effect of Precursors of Fe-Based Fischer-Tropsch Catalysts Supported on Expanded Graphite for CO Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15545-15556.	6.7	11
26	Three-solvent spherical crystallization method with a model drug: Clopidogrel hydrogen sulfate. <i>Chemical Engineering Science</i> , 2020, 212, 115001.	3.8	16
27	Facile Fabrication of Lilium Pollen-like Organosilica Particles. <i>Langmuir</i> , 2020, 36, 571-575.	3.5	8
28	Donor dominated triazine-based microporous polymer as a polysulfide immobilizer and catalyst for high-performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2020, 392, 123694.	12.7	78
29	Structural Relationships between Zinc Hexahydrophthalate and the β Phase of Isotactic Polypropylene. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 18529-18538.	3.7	9
30	Crystallization behaviors of poly(ethylene terephthalate) (PET) with monosilane isobutyl-polyhedral oligomeric silsesquioxanes (POSS). <i>Journal of Materials Science</i> , 2020, 55, 14642-14655.	3.7	39
31	The mechanical properties, crystallization and rheological behavior of isotactic polypropylene with nucleating agent supported on polyhedral oligomeric silsesquioxanes (POSS). <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	7
32	Zinc-Catalyzed Alkylation of Aromatic Amines in Continuous Flow. <i>Organic Process Research and Development</i> , 2020, 24, 2078-2084.	2.7	4
33	Trimming the μ bridge of microporous frameworks for bidentate anchoring of polysulfides to stabilize lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19001-19010.	10.3	38
34	The chain dis-entanglement effect of polyhedral oligomeric silsesquioxanes (POSS) on ultra-high molecular weight polyethylene (UHMWPE). <i>Polymer</i> , 2020, 202, 122631.	3.8	27
35	Zinc pimelate as an effective β -nucleating agent for isotactic polypropylene at elevated pressures and under rapid cooling rates. <i>Polymer Crystallization</i> , 2020, 3, e10132.	0.8	7
36	Enhanced sintering resistance of bimetal/SBA-15 catalysts with promising activity under a low temperature for CO methanation. <i>RSC Advances</i> , 2020, 10, 20852-20861.	3.6	8

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37	Efficient Reduction of Oxazolyl-Bearing Secondary Anilides to Amines by Nickel-Catalyzed Hydrosilylation. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 818-821.	2.7	2
38	Electrospun bead-in-string fibrous membrane prepared from polysilsesquioxane-immobilising poly(lactic acid) with low filtration resistance for air filtration. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	18
39	Nucleation kinetics of clopidogrel hydrogen sulfate polymorphs in reactive crystallization: Induction period and interfacial tension measurements. <i>Journal of Crystal Growth</i> , 2020, 538, 125610.	1.5	5
40	A Robust Polybenzoxazine/SiO ₂ Fabric with Superhydrophobicity for High-Flux Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7787-7796.	3.7	23
41	Development and Scale-up of the Rapid Synthesis of Triphenyl Phosphites in Continuous Flow. <i>ACS Omega</i> , 2020, 5, 9503-9509.	3.5	3
42	Effect of the Metal Phenylphosphonates on the Nonisothermal Crystallization and Performance of Isotactic Polypropylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 161-173.	2.1	8
43	Flame Retardancy and Mechanism of Novel Phosphorus-Silicon Flame Retardant Based on Polysilsesquioxane. <i>Polymers</i> , 2019, 11, 1304.	4.5	21
44	Improving the stability and ductility of polylactic acid <i>via</i> phosphite functional polysilsesquioxane. <i>RSC Advances</i> , 2019, 9, 25151-25157.	3.6	14
45	Effect of nucleating agent supported on zeolite via the impregnation on the crystallization ability of isotactic polypropylene and its mechanism. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2674-2685.	3.2	10
46	A durable bio-based polybenzoxazine/SiO ₂ modified fabric with superhydrophobicity and superoleophilicity for oil/water separation. <i>Separation and Purification Technology</i> , 2019, 229, 115792.	7.9	44
47	Duplex trapping and charge transfer with polysulfides by a diketopyrrolopyrrole-based organic framework for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18100-18108.	10.3	57
48	Dimensional Stability of LDPE Foams with CO ₂ + <i>i</i> -C ₄ H ₁₀ Mixtures as Blowing Agent: Experimental and Numerical Simulation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13154-13162.	3.7	23
49	Wear Resistance Mechanism of Ultrahigh-Molecular-Weight Polyethylene Determined from Its Structure-Property Relationships. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19519-19530.	3.7	21
50	Solubility of clopidogrel hydrogen sulfate polymorphs in ethyl acetate + 2-butanol mixtures at 283.15-313.15 K. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105846.	2.0	3
51	High-throughput droplet microfluidic synthesis of hierarchical metal-organic framework nanosheet microcapsules. <i>Nano Research</i> , 2019, 12, 2736-2742.	10.4	23
52	Increased nucleation efficiency of an <i>in situ</i> -formed $\hat{2}$ -nucleating agent for impact polypropylene copolymer. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	8
53	Preparation of diamine-based polybenzoxazine coating for corrosion protection on mild steel. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	11
54	13X zeolite as Difunctional nucleating agent regulating the crystal form and improving the Foamability of blocked copolymerized polypropylene in supercritical CO ₂ foaming process. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	7

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55	Promotion of zeolite as dispersion support for properties improvement of $\hat{\pm}$ nucleating agent in polypropylene. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
56	Effect of inhibitor-loaded halloysite nanotubes on active corrosion protection of polybenzoxazine coatings on mild steel. <i>Progress in Organic Coatings</i> , 2019, 134, 126-133.	3.9	52
57	Thermal curing behavior of benzoxazine functional polysilsesquioxane nanospheres. <i>Thermochimica Acta</i> , 2019, 678, 178295.	2.7	8
58	Ultrathin 2D metal-organic framework nanosheets prepared via sonication exfoliation of membranes from interfacial growth and exhibition of enhanced catalytic activity by their gold nanocomposites. <i>RSC Advances</i> , 2019, 9, 9386-9391.	3.6	31
59	Nascent particle sizes and degrees of entanglement are responsible for the significant differences in impact strength of ultrahigh molecular weight polyethylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 632-641.	2.1	26
60	Effect of Si-modified zirconia on the properties of MoO ₃ /Si-ZrO ₂ catalysts for sulfur-resistant CO methanation. <i>Applied Catalysis A: General</i> , 2019, 575, 230-237.	4.3	14
61	Effects of Interfacial Interaction on Corrosion Resistance of Polybenzoxazine/SiO ₂ Nanocomposite Coatings. <i>ACS Applied Polymer Materials</i> , 2019, 1, 381-391.	4.4	17
62	Effect of reflux digestion time on MoO ₃ /ZrO ₂ catalyst for sulfur-resistant CO methanation. <i>Fuel</i> , 2019, 241, 129-137.	6.4	14
63	Facile fabrication of epoxy/polybenzoxazine based superhydrophobic coating with enhanced corrosion resistance and high thermal stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 562, 8-15.	4.7	30
64	In situ formation of zinc phthalate as a highly dispersed $\hat{2}$ -nucleating agent for mechanically strengthened isotactic polypropylene. <i>Chemical Engineering Journal</i> , 2019, 358, 1243-1252.	12.7	35
65	An overview on performance characteristics of bio-jet fuels. <i>Fuel</i> , 2019, 237, 916-936.	6.4	166
66	Butyl-biodiesel production from waste cooking oil: Kinetics, fuel properties and emission performance. <i>Fuel</i> , 2019, 236, 1489-1495.	6.4	32
67	Effect of alkyl group on the chain extension of phosphites in polylactide. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, 144-148.	3.4	1
68	Isothermal and non-isothermal crystallization of isotactic polypropylene in the presence of an $\hat{\pm}$ nucleating agent and zeolite 13X. <i>Thermochimica Acta</i> , 2018, 667, 9-18.	2.7	7
69	Rheological, crystallization and foaming behaviors of high melt strength polypropylene in the presence of polyvinyl acetate. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	13
70	Polybenzoxazine/organoclay composite coatings with intercalated structure: Relationship between solubility parameters and corrosion protection performance. <i>Progress in Organic Coatings</i> , 2018, 115, 188-194.	3.9	18
71	Biodiesel production from palm oil and mixed dimethyl/diethyl carbonate with controllable cold flow properties. <i>Fuel</i> , 2018, 216, 781-786.	6.4	28
72	Relationship between Peroxide Initiators and Properties of Styrene Grafted Polypropylene via Reactive Extrusion. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 377-394.	1.0	6

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73	Essential role of organic additives in preparation of efficient Ni/KIT-6 catalysts for CO methanation. <i>Applied Catalysis A: General</i> , 2018, 558, 99-108.	4.3	20
74	Vinyl polysiloxane microencapsulated ammonium polyphosphate and its application in flame retardant polypropylene. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	20
75	Effect of benzofuranone on degradation and mechanical properties of polypropylene in processing. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, 124-129.	3.4	1
76	Ni based catalyst supported on KIT-6 silica for CO methanation: Confinement effect of three dimensional channel on NiO and Ni particles. <i>Microporous and Mesoporous Materials</i> , 2018, 262, 89-97.	4.4	35
77	Unique crystallization behavior of isotactic polypropylene in the presence of L-leucine and its inhibition and promotion mechanism of nucleation. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45956.	2.6	2
78	A kinetic model for <i>in situ</i> coking denitrification of heavy oil with high nitrogen content based on starch using a structure-oriented lumping method. <i>RSC Advances</i> , 2018, 8, 32707-32718.	3.6	3
79	Study on the Crystallization Activation Energy of Poly (L-lactic acid) Nucleated with P-tert-butylcalix[8]arene. <i>Polymers and Polymer Composites</i> , 2018, 26, 169-175.	1.9	6
80	A novel Î ² -nucleating agent for isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 2029-2040.	3.6	9
81	The nucleation effect of self-dispersed Î ² -nucleating agent in ethylene-propylene block copolymerized polypropylene. <i>Colloid and Polymer Science</i> , 2018, 296, 1627-1633.	2.1	5
82	One-Step Synthesis of Nonspherical Organosilica Particles with Tunable Morphology. <i>Langmuir</i> , 2018, 34, 11723-11728.	3.5	26
83	Effect of benzoic acid surface modified alumina nanoparticles on the mechanical properties and crystallization behavior of isotactic polypropylene nanocomposites. <i>RSC Advances</i> , 2018, 8, 20790-20800.	3.6	12
84	Preparation of superhydrophobic polybenzoxazine/SiO ₂ films with self-cleaning and ice delay properties. <i>Progress in Organic Coatings</i> , 2018, 123, 254-260.	3.9	20
85	In situ generation of a self-dispersed Î ² -nucleating agent with increased nucleation efficiency in isotactic polypropylene. <i>Polymer</i> , 2018, 151, 84-91.	3.8	24
86	The effects of octadecylamine functionalized multi-wall carbon nanotubes on the conductive and mechanical properties of ultra-high molecular weight polyethylene. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	11
87	Supramolecular Polymer Network-Mediated Self-Assembly of Semicrystalline Polymers with Excellent Crystalline Performance. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600702.	3.9	7
88	Antioxidation and mechanism of phosphites including the free phenolic hydroxyl group in polypropylene. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	8
89	Nucleobase-functionalized supramolecular polymer films with tailorable properties and tunable biodegradation rates. <i>Polymer Chemistry</i> , 2017, 8, 1454-1459.	3.9	11
90	Effect of Citric Acid on the Synthesis of CO Methanation Catalysts with High Activity and Excellent Stability. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2383-2392.	3.7	36

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91	Crosslinked main-chain-type polybenzoxazine coatings for corrosion protection of mild steel. <i>Journal of Coatings Technology Research</i> , 2017, 14, 937-944.	2.5	15
92	Effect of La, Mg and Mo additives on dispersion and thermostability of Ni species on KIT-6 for CO methanation. <i>Applied Catalysis A: General</i> , 2017, 543, 125-132.	4.3	18
93	A novel self-dispersed \hat{I}^2 nucleating agent for isotactic polypropylene and its unique nucleation behavior and mechanism. <i>Polymer</i> , 2017, 132, 69-78.	3.8	20
94	Nucleation effects of zinc adipate as \hat{I}^2 -Nucleating agent in ethylene-propylene block copolymerized polypropylene. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	11
95	Highly dispersed nickel within mesochannels of SBA-15 for CO methanation with enhanced activity and excellent thermostability. <i>Fuel</i> , 2017, 188, 267-276.	6.4	48
96	Surface properties and hydrogen bonds of mono-functional polybenzoxazines with different N-substituents. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 919-932.	3.8	15
97	A highly active and selective \hat{I}^2 -nucleating agent for isotactic polypropylene and crystallization behavior of \hat{I}^2 -nucleated isotactic polypropylene under rapid cooling. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	20
98	Effect of MoO ₃ on catalytic performance and stability of the SBA-16 supported Ni-catalyst for CO methanation. <i>Fuel</i> , 2016, 179, 193-201.	6.4	30
99	Preparation of uniform rhodamine B-doped poly(3-glycidoxypropylsilsesquioxane) fluorescent microspheres via a sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 145-151.	2.4	2
100	A reduced-pressure distillation method to prepare zein-based fat analogue for application in mayonnaise formulation. <i>Journal of Food Engineering</i> , 2016, 182, 1-8.	5.2	18
101	New transparent poly(<i>l</i> -lactide acid) films as high-performance bio-based nanocomposites. <i>RSC Advances</i> , 2016, 6, 23949-23955.	3.6	8
102	Impact of double-solvent impregnation on the Ni dispersion of Ni/SBA-15 catalysts and catalytic performance for the syngas methanation reaction. <i>RSC Advances</i> , 2016, 6, 35875-35883.	3.6	34
103	Latent Catalyst-Containing Naphthoxazine: Synthesis and Effects on Ring-Opening Polymerization. <i>Macromolecules</i> , 2016, 49, 7129-7140.	4.8	56
104	Nucleobase-Functionalized Supramolecular Micelles with Tunable Physical Properties for Efficient Controlled Drug Release. <i>Macromolecular Bioscience</i> , 2016, 16, 1415-1421.	4.1	23
105	Polydimethylsiloxane assisted supercritical CO ₂ foaming behavior of high melt strength polypropylene grafted with styrene. <i>Frontiers of Chemical Science and Engineering</i> , 2016, 10, 396-404.	4.4	12
106	Development of a superhydrophobic polybenzoxazine surface with self-cleaning and reversible water adhesion properties. <i>RSC Advances</i> , 2016, 6, 106054-106063.	3.6	21
107	Recovering high value-added substances from corn distillers dried grains with solubles: a semi-continuous countercurrent downstream processing method. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1327-1338.	3.2	5
108	Shear-induced \hat{I}^2 -form polypropylene in long chain branching isotactic polypropylene. <i>Polymer Engineering and Science</i> , 2016, 56, 240-247.	3.1	15

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109	Corrosion protection of hydrophobic bisphenol A-based polybenzoxazine coatings on mild steel. RSC Advances, 2016, 6, 5805-5811.	3.6	28
110	Relationship between molecular structure, crystallization behavior, and mechanical properties of long chain branching polypropylene. Journal of Materials Science, 2016, 51, 5598-5608.	3.7	29
111	Synthesis and characterization of well dispersed nickel-incorporated SBA-15 and its high activity in syngas methanation reaction. Applied Catalysis A: General, 2016, 516, 127-134.	4.3	29
112	Conformation order of poly(l-lactic acid) chains during the melt crystallization process: infrared and two-dimensional infrared correlation spectroscopy study. Journal of Materials Science, 2016, 51, 4880-4887.	3.7	8
113	Enhanced corrosion resistance of polybenzoxazine coatings by epoxy incorporation. RSC Advances, 2016, 6, 28428-28434.	3.6	35
114	Preparation and foaming mechanism of foamable polypropylene based on self-assembled nanofibrils from sorbitol nucleating agents. Journal of Materials Science, 2016, 51, 788-796.	3.7	13
115	Chain extension and oxidation stabilization of Triphenyl Phosphite (TPP) in PLA. Polymer Degradation and Stability, 2016, 124, 112-118.	5.8	28
116	Intercalated polybenzoxazine/organoclay composites with enhanced performance in corrosion resistance. Journal of Coatings Technology Research, 2016, 13, 63-72.	2.5	14
117	Effect of impregnation solvent on Ni dispersion and catalytic properties of Ni/SBA-15 for CO methanation reaction. Fuel, 2016, 165, 289-297.	6.4	125
118	Study on variable nucleation efficiency of N,N'-Dicyclohexyl-2,6-naphthalenedicarboxamide on isotactic polypropylene. Journal of Thermoplastic Composite Materials, 2016, 29, 1667-1679.	4.2	10
119	Control of thermal degradation of poly(lactic acid) using functional polysilsesquioxane microspheres as chain extenders. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
120	Preparation and surface properties of transparent UV-resistant "petal effect" superhydrophobic surface based on polybenzoxazine. Applied Surface Science, 2015, 353, 1137-1142.	6.1	15
121	The Crystallization Behavior of Isotactic Polypropylene Induced by a Novel Antinucleating Agent and Its Inhibition Mechanism of Nucleation. Industrial & Engineering Chemistry Research, 2015, 54, 7650-7657.	3.7	15
122	Structure effect of phosphite on the chain extension in PLA. Polymer Degradation and Stability, 2015, 120, 283-289.	5.8	26
123	Fluorine-free superhydrophobic/hydrophobic polybenzoxazine/TiO ₂ films with excellent thermal stability and reversible wettability. RSC Advances, 2015, 5, 55513-55519.	3.6	28
124	A rational design of double layer mesoporous polysiloxane coatings for broadband antireflection. Journal of Sol-Gel Science and Technology, 2015, 74, 677-684.	2.4	17
125	A self-cleaning polybenzoxazine/TiO ₂ surface with superhydrophobicity and superoleophilicity for oil/water separation. Nanoscale, 2015, 7, 19476-19483.	5.6	150
126	Supramolecular Assembly Mediates the Formation of Single-Chain Polymeric Nanoparticles. ACS Macro Letters, 2015, 4, 1184-1188.	4.8	41

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127	Large-scale production of ureido-cytosine based supramolecular polymers with well-controlled hierarchical nanostructures. RSC Advances, 2015, 5, 76451-76457.	3.6	27
128	Preparation and foamability of high melt strength polypropylene based on grafting vinyl polydimethylsiloxane and styrene. Polymer Engineering and Science, 2015, 55, 251-259.	3.1	30
129	A Novel Strategy for Achieving High Melt Strength Polypropylene and an Investigation of Its Foamability. Journal of Macromolecular Science - Physics, 2014, 53, 1695-1714.	1.0	9
130	Effect of MoO ₃ on the heat resistant performances of nickel based MCM-41 methanation catalysts. Fuel, 2014, 116, 25-33.	6.4	60
131	Polybenzoxazine/SiO ₂ nanocomposite coatings for corrosion protection of mild steel. Corrosion Science, 2014, 80, 269-275.	6.6	138
132	Corrosion resistance of novel silane-functional polybenzoxazine coating on steel. Corrosion Science, 2013, 70, 145-151.	6.6	101
133	Effect of MoO ₃ on Structures and Properties of Ni-SiO ₂ Methanation Catalysts Prepared by the Hydrothermal Synthesis Method. Industrial & Engineering Chemistry Research, 2013, 52, 14533-14544.	3.7	60
134	Hydrophobic benzoxazine-cured epoxy coatings for corrosion protection. Progress in Organic Coatings, 2013, 76, 1178-1183.	3.9	93
135	Synthesis, characterization and properties of anti-sintering nickel incorporated MCM-41 methanation catalysts. Fuel, 2013, 109, 693-701.	6.4	106
136	Synthesis and Surface Properties of Low Surface Free Energy Silane-Functional Polybenzoxazine Films. Langmuir, 2013, 29, 411-416.	3.5	72
137	Antioxidant mechanism of a 3-arylbenzofuranone containing a 2-hydroxyl group. Journal of Vinyl and Additive Technology, 2013, 19, 198-202.	3.4	3
138	Synthesis and characterization of polymethylsilsesquioxane microspheres by the two-step sol-gel method. E-Polymers, 2012, 12, .	3.0	3
139	Relationship between molecular structure and nucleation of benzylidene acetals in isotactic polypropylene. Polymer Composites, 2012, 33, 371-378.	4.6	7
140	Surface properties and thermal stability of a novel low surface energy polybenzoxazine/clay nanocomposites. Polymer Composites, 2012, 33, 1313-1320.	4.6	6
141	The correlation between crystal structure and nucleation efficiency of a lithium (I) complex on isotactic polypropylene. Journal of Applied Polymer Science, 2012, 125, 2963-2969.	2.6	11
142	Investigation on microstructure and thermal properties of graphene-nanoplatelet/palmitic acid composites. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	4
143	A novel highly efficient nucleating agent for isotactic polypropylene. Journal of Applied Polymer Science, 2012, 123, 108-117.	2.6	19
144	Combined effect of organic phosphate sodium and nanoclay on the mechanical properties and crystallization behavior of isotactic polypropylene. Journal of Applied Polymer Science, 2012, 123, 617-626.	2.6	11

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