

Yue-Fei Zhang

List of Publications by Year in descending order

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62
papers

968
citations

430874

18
h-index

526287

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all docs

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62
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of sodium lignosulfonate/nano calcium carbonate composite filler on properties of isotactic polypropylene. <i>Polymer Bulletin</i> , 2023, 80, 3103-3117.	3.3	7
2	UV-mediated atom transfer radical polymerization of acrolein. <i>Polymer Bulletin</i> , 2022, 79, 1057-1068.	3.3	3
3	CO ₂ Hydrate dissolution rates in unsaturated water quantified with laboratory experiments. <i>Chemical Engineering Journal</i> , 2022, 430, 133137.	12.7	8
4	Efficient removal and recycle of acid blue 93 dye from aqueous solution by acrolein crosslinked chitosan hydrogel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127825.	4.7	17
5	Trisiloxane functionalized melamine sponges for oil water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127972.	4.7	13
6	Highly Selective Adsorption and Recovery of Palladium from Spent Catalyst Wastewater by 1,4,7,10-Tetraazacyclododecane-Modified Mesoporous Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1103-1114.	6.7	18
7	Effect of char-forming agents rich in tertiary carbon on flame retardant properties of polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 10391-10401.	3.6	6
8	The nucleation mechanism of 1-N',3-N'-dibenzoylbenzene-1,4-dicarbohydrazide as a nucleating agent for isotactic polypropylene. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	1
9	The relation between chemical structure of branched amide nucleating agents and nucleation effect in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 3053-3066.	3.6	8
10	Concentration-driven selective adsorption of Congo red in binary dyes solution using polyacrolein: Experiments, characterization and mechanism studies. <i>Journal of Molecular Liquids</i> , 2021, 335, 116230.	4.9	6
11	The relation between chemical structure of dicarboxylic dihydrazide compounds and nucleation effect in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 2379-2387.	3.6	5
12	Effect of a novel bio-based \hat{I}^2 -nucleating agent on the properties of isotactic polypropylene. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	5
13	Synergistic nucleation effect of calcium sulfate whisker and \hat{I}^2 -nucleating agent dicyclohexyl-terephthalamide in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 343-352.	3.6	10
14	Nucleus density and crystallization behavior of isotactic polypropylene nucleated with different \hat{I}^{\pm}/\hat{I}^2 compound nucleating agents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 2275-2282.	3.6	4
15	Synthesis of ZnO nanoparticle-anchored biochar composites for the selective removal of perchlorate, a surrogate for pertechnetate, from radioactive effluents. <i>Journal of Hazardous Materials</i> , 2020, 387, 121670.	12.4	55
16	Efficient ion-enhanced adsorption of congo red on polyacrolein from aqueous solution: Experiments, characterization and mechanism studies. <i>Separation and Purification Technology</i> , 2020, 252, 117445.	7.9	54
17	Dependence of \hat{I}^2 -crystal formation of isotactic polypropylene on crystallization conditions. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	13
18	Combined effect of chemically compound graphene oxide and calcium pimelate on crystallization behavior, morphology and mechanical properties of isotactic polypropylene. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2301-2311.	3.2	7

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19	Unusual allyl diazoacetate/acrolein copolymer-based hydrogels as promising antimicrobial agents for effective bacteria therapy. <i>Chemical Engineering Journal</i> , 2020, 388, 124114.	12.7	6
20	Influences of octamethylenedicarboxylic dibenzoylhydrazide on crystallization, melting behaviors, and properties of isotactic polypropylene. <i>Polymer Bulletin</i> , 2019, 76, 1685-1696.	3.3	12
21	Crystallization kinetics of isotactic polypropylene nucleated with octamethylenedicarboxylic dibenzoylhydrazide under isothermal and non-isothermal conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 749-757.	3.6	11
22	Nucleation effect of adipic acid metal salts in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3321-3328.	3.6	7
23	Microwave assisted polymeric modification of graphite oxide and graphite by poly(allyl) Tj ETQq1 1 0.784314 rgBT JOverlock 10 Tf 50 55	7.0	6
24	Nano-ZnO functionalized biochar as a superhydrophobic biosorbent for selective recovery of low-concentration Re(VII) from strong acidic solutions. <i>Minerals Engineering</i> , 2019, 142, 105885.	4.3	29
25	Removal of hexavalent chromium, an analogue of pertechnetate, from aqueous solution using bamboo (<i>Acidosasa edulis</i>) shoot shell. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 427-437.	1.5	11
26	The influences of $\hat{1}\pm/\hat{1}^2$ compound nucleating agents based on octamethylenedicarboxylic dibenzoylhydrazide on crystallization and melting behavior of isotactic polypropylene. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1777-1788.	3.2	11
27	Adsorption of Cu(II) and Methylene Blue by Succinylated Starch Nanocrystals. <i>Starch/Staerke</i> , 2019, 71, 1800266.	2.1	15
28	Effect of chemical structure of hydrazide compounds on nucleation effect in isotactic polypropylene. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	7
29	Preparation and nucleation effect of a novel compound nucleating agent carboxylated graphene/calcium pimelate for isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 2363-2371.	3.6	15
30	Nucleation effect of $\hat{1}\pm/\hat{1}^2$ compound nucleating agents based on 1,3,5-benzenetricarboxylic acid tris(cyclohexylamide) in isotactic polypropylene. <i>Polymer Bulletin</i> , 2019, 76, 5559-5575.	3.3	4
31	High-sensitivity thiocyanate spectrophotometric method for determination of perrhenate, an analogue of radioactive pertechnetate, under acidic condition. <i>Chemical Papers</i> , 2019, 73, 1093-1101.	2.2	3
32	Effects of different metal salts of aliphatic dicarboxylic acids on the formation of $\hat{1}^2$ -crystalline form in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 563-573.	3.6	9
33	Thermal stability of nucleation effect of different $\hat{1}^2$ -nucleating agents in isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 1845-1852.	3.6	14
34	Effect of a novel compound nucleating agent calcium sulfate whisker/ $\hat{1}^2$ -nucleating agent dicyclohexyl-terephthalamide on crystallization and melting behavior of isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 1145-1152.	3.6	26
35	Effects of cyclic carboxylate nucleating agents on nucleus density and crystallization behavior of isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1483-1490.	3.6	27
36	Nucleus density dependency of crystallization of isotactic polypropylene nucleated with nucleating agent sodium bicyclic[2,2,1]heptane dicarboxylate. <i>Polymer Bulletin</i> , 2018, 75, 3693-3703.	3.3	3

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37	Novel Synthesis of Down-/Up-Conversion Fluorescent Oligo(2-pyrazoline)s. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12987-12992.	3.7	3
38	The relationship between crystal structure and nucleation effect of 1,3,5-benzenetricarboxylic acid tris(phenylamide) in isotactic polypropylene. <i>Colloid and Polymer Science</i> , 2017, 295, 619-626.	2.1	22
39	Isothermal Crystallization of Isotactic Polypropylene Nucleated with a Novel Aromatic Heterocyclic Phosphate Nucleating Agent. <i>Journal of Macromolecular Science - Physics</i> , 2017, 56, 811-820.	1.0	20
40	Preparation and nucleation effects of nucleating agent hexahydrophthalic acid metal salts for isotactic polypropylene. <i>Colloid and Polymer Science</i> , 2017, 295, 1973-1982.	2.1	19
41	Effects of some nucleating agents on the supercooling of erythritol to be applied as phase change material. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 1291-1299.	3.6	35
42	The relationship between side chain isomerism of aliphatic C4 substituted 1,3,5-benzenetricarboxylamides and nucleation effects in isotactic polypropylene. <i>Thermochimica Acta</i> , 2017, 655, 219-225.	2.7	16
43	A new group contribution-based method for estimation of flash point temperature of alkanes. <i>Journal of Central South University</i> , 2015, 22, 30-36.	3.0	4
44	Properties and Crystallization Behaviors of Isotactic Polypropylene Under Action of an Effective Nucleating Agent. <i>Journal of Macromolecular Science - Physics</i> , 2015, 54, 1019-1028.	1.0	10
45	Metal-free DDO-mediated oxidative C=O coupling of acetalic sp ³ C-H bonds with carboxylic acids. <i>RSC Advances</i> , 2014, 4, 54039-54042.	3.6	14
46	Effects of nucleating agent 1,3,5-benzenetricarboxylic acid tris(cyclohexylamide) on properties and crystallization behaviors of isotactic polypropylene. <i>Colloid and Polymer Science</i> , 2014, 292, 493-498.	2.1	22
47	Isothermal and non-isothermal crystallization of isotactic polypropylene nucleated with 1,3,5-benzenetricarboxylic acid tris(cyclohexylamide). <i>Thermochimica Acta</i> , 2014, 590, 226-231.	2.7	32
48	Prediction of boiling points of organic compounds by QSPR tools. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 44, 113-119.	2.4	25
49	Effects of β -Compound Nucleating Agents on Mechanical Properties and Crystallization Behaviors of Isotactic Polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 2352-2360.	1.0	18
50	Non-isothermal crystallization kinetics of isotactic polypropylene nucleated with 1,3:2,4-bis(3,4-dimethylbenzylidene) sorbitol. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 661-665.	3.6	29
51	Nucleation Effects of a Novel Nucleating Agent Bicyclic [2,2,1] Heptane Di-carboxylate in Isotactic Polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2010, 50, 266-274.	1.0	9
52	Non-isothermal crystallization kinetics of isotactic polypropylene nucleated with nucleating agent bicyclic [2,2,1] heptane di-carboxylate. <i>E-Polymers</i> , 2010, 10, .	3.0	0
53	Non-Isothermal Crystallization Behaviors of Isotactic Polypropylene with and without 1,3:2,4-Bis(3,4-Dimethylbenzylidene) Sorbitol as a Nucleating Agent. <i>International Journal of Polymer Analysis and Characterization</i> , 2010, 15, 450-459.	1.9	3
54	Effects of Bicyclic [2,2,1] Heptane Di-carboxylate on Properties, Crystallization, and Melting Behaviors of Isotactic Polypropylene. <i>International Journal of Polymer Analysis and Characterization</i> , 2009, 14, 569-574.	1.9	3

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55	Isothermal Crystallization Behaviors of Isotactic Polypropylene Nucleated with Nucleating Agent Bicyclic [2,2,1] heptane di-carboxylate. <i>Journal of Macromolecular Science - Physics</i> , 2009, 48, 1125-1131.	1.0	5
56	Crystallization and melting behaviors of isotactic polypropylene nucleated with compound nucleating agents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 911-916.	2.1	26
57	Comparison of Nucleation Effects of Organic Phosphorous and Sorbitol Derivative Nucleating Agents in Isotactic Polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 1188-1196.	1.0	17
58	Isothermal Crystallization Behaviors of Isotactic Polypropylene Nucleated with the Third Generation Sorbitol Derivative Nucleating Agents. <i>Journal of Macromolecular Science - Physics</i> , 2008, 47, 891-899.	1.0	21
59	Isothermal crystallization behaviors of isotactic polypropylene nucleated with \hat{I}_{\pm}/\hat{I}^2 compounding nucleating agents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 590-596.	2.1	57
60	Effects of substituted aromatic heterocyclic phosphate salts on properties, crystallization, and melting behaviors of isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4868-4874.	2.6	52
61	Isothermal and nonisothermal crystallization kinetics of isotactic polypropylene nucleated with substituted aromatic heterocyclic phosphate salts. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3307-3316.	2.6	45
62	Effect of aromatic dihydrazide compounds on crystallization behavior and mechanical properties of isotactic polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	5