

Jinjun Yang

List of Publications by Year in descending order

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52
papers

1,205
citations

430874

18
h-index

395702

33
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all docs

53
docs citations

53
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Variable FTIR and Solid-State ¹³ C NMR Investigations on Crystalline Structure and Molecular Dynamics of Polymorphic Poly(L-lactide) and Poly(L-lactide)/Poly(D-lactide) Stereocomplex. <i>Macromolecules</i> , 2012, 45, 189-197.	4.8	206
2	Polymorphic Crystallization and Phase Transition of Poly(butylene adipate) in Its Miscible Crystalline/Crystalline Blend with Poly(vinylidene fluoride). <i>Macromolecules</i> , 2010, 43, 8610-8618.	4.8	95
3	Fractionated crystallization, polymorphic crystalline structure, and spherulite morphology of poly(butylene adipate) in its miscible blend with poly(butylene succinate). <i>Polymer</i> , 2011, 52, 3460-3468.	3.8	83
4	Nucleation Effects of Nucleobases on the Crystallization Kinetics of Poly(L-lactide). <i>Macromolecular Materials and Engineering</i> , 2012, 297, 670-679.	3.6	55
5	A new poly(L-lactide)-grafted graphite oxide composite: Facile synthesis, electrical properties and crystallization behaviors. <i>Polymer Degradation and Stability</i> , 2010, 95, 2619-2627.	5.8	49
6	Effects of Crystallization Temperature of Poly(vinylidene fluoride) on Crystal Modification and Phase Transition of Poly(butylene adipate) in Their Blends: A Novel Approach for Polymorphic Control. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1265-1272.	2.6	48
7	Experimental study on advantages of foam sol in coal dust control. <i>Chemical Engineering Research and Design</i> , 2014, 92, 637-644.	5.6	48
8	Crystallization kinetics and crystalline structure of biodegradable Poly(ethylene adipate). <i>Polymer</i> , 2010, 51, 807-815.	3.8	44
9	Temperature-dependent polymorphic crystalline structure and melting behavior of poly(butylene Tj ETQq1 1 0.784314 rgBT /Overlock Physics, 2009, 47, 1997-2007.	2.1	38
10	Preparation of a halogen-free flame retardant and its effect on the poly(L-lactic acid) as the flame retardant material. <i>Polymer</i> , 2021, 229, 124027.	3.8	38
11	Modulated crystallization behavior, polymorphic crystalline structure and enzymatic degradation of poly(butylene adipate): Effects of layered metal phosphonate. <i>European Polymer Journal</i> , 2015, 72, 222-237.	5.4	37
12	Selenopeptide Nanomedicine Activates Natural Killer Cells for Enhanced Tumor Chemoimmunotherapy. <i>Advanced Materials</i> , 2022, 34, e2108167.	21.0	32
13	Effects of Cyanuric Acid on Crystallization Behavior, Polymorphism, and Phase Transition of Poly(butylene adipate). <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8048-8055.	3.7	24
14	Fractional Crystallization and Phase Segregation in Binary Miscible Poly(butylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (succina Macromolecular Materials and Engineering, 2013, 298, 201-209.	3.6	23
15	The Degradation Properties of MgO Whiskers/PLLA Composite In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2740.	4.1	23
16	Flame Retardancy, Fire Behavior, and Flame Retardant Mechanism of Intumescent Flame Retardant EPDM Containing Ammonium Polyphosphate/Pentaerythritol and Expandable Graphite. <i>Materials</i> , 2019, 12, 4035.	2.9	23
17	The crystallization behaviors and mechanical properties of poly(L-lactic acid)/magnesium oxide nanoparticle composites. <i>RSC Advances</i> , 2016, 6, 43855-43863.	3.6	21
18	Using a Self-Assemblable Nucleating Agent To Tailor Crystallization Behavior, Crystal Morphology, Polymorphic Crystalline Structure, and Biodegradability of Poly(1,4-butylene adipate). <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 7910-7919.	3.7	21

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19	Crystallization behavior of biodegradable poly(ethylene adipate) modulated by a benign nucleating agent: Zinc phenylphosphonate. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 558-568.	3.8	20
20	Thermal and barrier properties of stretched and annealed polylactide films. <i>Polymer Science - Series A</i> , 2015, 57, 738-746.	1.0	18
21	Crystal morphology, crystallization behavior, polymorphic crystalline structure and thermal stability of poly(1,4-butylene adipate) modulated by a oxalamide derivative nucleating agent. <i>Polymer Degradation and Stability</i> , 2017, 144, 33-42.	5.8	17
22	Tumor-Targeted Accumulation of Ligand-Installed Polymeric Micelles Influenced by Surface PEGylation Crowdedness. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44045-44052.	8.0	17
23	Effects of modifying agents on surface modifications of magnesium oxide whiskers. <i>Applied Surface Science</i> , 2016, 388, 370-375.	6.1	15
24	Fabrication and Physical Properties of Poly(ϵ -Caprolactone)/Modified Graphene Nanocomposite. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600328.	3.6	15
25	Barrier and mechanical properties of biodegradable poly(ϵ -caprolactone)/cellophane multilayer film. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1805-1811.	2.6	13
26	Enhanced pH stability, cell viability and reduced degradation rate of poly(L-lactide)-based composite <i>in vitro</i> : effect of modified magnesium oxide nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 486-503.	3.5	13
27	Critical role of the conformation of comonomer units in isomorphous crystallization of poly(hexamethylene adipate-co-butylene adipate) forming Poly(hexamethylene adipate) type crystal. <i>Polymer</i> , 2011, 52, 5204-5211.	3.8	12
28	Polymorphism, thermal stability and enzymatic degradation of poly(1,4-butylene adipate) tailored by a benzene-1,3,5-tricarboxamide-based nucleating agent. <i>Journal of Materials Science</i> , 2018, 53, 10569-10581.	3.7	12
29	Multiple amides derivative-nucleated poly(1,4-butylene adipate) polyester: Tailored temperature-dependent polymorphism, crystal morphology and phase transition. <i>Polymer</i> , 2020, 186, 122088.	3.8	12
30	Flame-retardant effect of hyperbranched phosphazene-based microspheres in poly(L-lactic acid). <i>Journal of Materials Science</i> , 2022, 57, 1516-1535.	3.7	12
31	Fabrication, Crystalline Behavior, Mechanical Property and In-Vivo Degradation of Poly(L-lactide) (PLLA)-Magnesium Oxide Whiskers (MgO) Nano Composites Prepared by In-Situ Polymerization. <i>Polymers</i> , 2019, 11, 1123.	4.5	10
32	Polymorphism and properties of biodegradable poly(1,4-butylene adipate) tailored using an aliphatic diamide derivative. <i>Polymer International</i> , 2019, 68, 351-359.	3.1	10
33	Supernucleation, crystalline structure and thermal stability of bacterially synthesized poly(3-hydroxybutyrate) polyester tailored by thymine as a biocompatible nucleating agent. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1562-1573.	7.5	10
34	A green method for synthesizing novel nanoparticles and their application in flexible conductive patterns. <i>Journal of Materiomics</i> , 2020, 6, 300-307.	5.7	10
35	Modulated crystallization behavior of bacterial copolyester poly(3-hydroxybutyrate-co-3-hydroxyhexanoate): Effect of a linear multiple amides derivative as a nucleator. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 439-450.	2.2	10
36	Biocompatible linear diamides derivative-nucleated biodegradable poly(ethylene succinate): Tailored crystallization kinetics, aggregated structure and thermal degradation. <i>Polymer Degradation and Stability</i> , 2021, 183, 109428.	5.8	10

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37	Tailored crystallization behavior, thermal stability, and biodegradability of poly(ethylene adipate): Effects of a biocompatible diamide nucleating agent. <i>Polymer Testing</i> , 2020, 81, 106116.	4.8	9
38	Mechanical and Gas Barrier Properties of Poly(L-Lactic Acid) by Plasma-Enhanced Chemical Vapor Deposition of SiO ₂ . <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 581-590.	1.9	7
39	Controlled PEGylation Crowdedness for Polymeric Micelles To Pursue Ligand-Specified Privileges as Nucleic Acid Delivery Vehicles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8455-8459.	8.0	6
40	Preparation of three-dimensional flower-like Fe-Bi(OH) ₃ nanocomposites and the photocatalytic properties for degradation of Rhodamine B in presence of visible light. <i>Optik</i> , 2020, 216, 164876.	2.9	6
41	Polymorphic crystallization of poly(butylene adipate) and its copolymer: Effect of poly(vinyl alcohol). <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	5
42	Crystallization behavior and polymorphism of poly(1,4-butylene adipate): Effect of anhydrous orotic acid as nucleating agent. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	5
43	Self-assembly crystal, manipulated polymorphic crystalline structure and elevated thermal degradation temperature of poly(1,4-butylene adipate): Effects of an aryl bisamide-based compound. <i>Composites Communications</i> , 2021, 25, 100765.	6.3	5
44	Studies on Comonomer Compositional Distribution of Poly(propylene carbonate-propylene oxide) Copolymer and Its Effect on the Thermal, Mechanical and Oxygen Barrier Properties of Fractions. <i>Journal of Macromolecular Science - Physics</i> , 2015, 54, 275-285.	1.0	4
45	Crystallization behavior and physical property of poly(ϵ -caprolactone) tailored by a biocompatible linear diamide nucleating agent. <i>Polymer Crystallization</i> , 2019, 2, e10084.	0.8	4
46	Dual effects of a diamide derivative as nucleator on crystallization kinetics and aggregated structure of biodegradable Poly(ethylene succinate). <i>Polymer Testing</i> , 2021, 94, 107022.	4.8	3
47	Linear Diamides Derivative-Nucleated Biodegradable Poly(ethylene succinate) Polyester: Crystallization Kinetics and Aggregated Structure Manipulated by Hydrogen Bond Interaction. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3605-3617.	5.0	3
48	Supramolecular nanoparticles constructed by balancing the forces between attractive host-guest and repulsive electrostatic interactions in two positively charged polymers. <i>RSC Advances</i> , 2015, 5, 96464-96471.	3.6	2
49	Crystallization kinetics, aggregated structure and thermal stability of biodegradable poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Polymer International</i> , 2021, 70, 1264-1272.	3.1	2
50	Epitaxial nucleation, modulated structure of molecular aggregation, and enhanced thermal degradation temperature of poly(ethylene adipate): Effects of the naturally occurring uracil as a nucleator. <i>Journal of Vinyl and Additive Technology</i> , 2021, 27, 757.	3.4	0
51	Tunable polymorphic crystal modification, phase transition and biodegradability of poly(1,4-butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 2022, 200, 109935.	5.8	0
52	Transcrystal, Polymorphism, Thermal Stability and Biodegradation of Poly(1,4-butylene adipate) Modulated by a Nucleobase. <i>Journal of Polymers and the Environment</i> , 0, , 1.	5.0	0