

# Jinjun Yang

## List of Publications by Year in descending order

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52  
papers

1,205  
citations

489802

18  
h-index

445137

33  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flame-retardant effect of hyperbranched phosphazene-based microspheres in poly(L-lactic acid). Journal of Materials Science, 2022, 57, 1516-1535.	1.7	12
2	Selenopeptide Nanomedicine Activates Natural Killer Cells for Enhanced Tumor Chemoimmunotherapy. Advanced Materials, 2022, 34, e2108167.	11.1	32
3	Tunable polymorphic crystal modification, phase transition and biodegradability of poly(1,4-butylene Tj ETQq1 1 0.784314 rgBT /Over 2022, 200, 109935.	2.7	0
4	Crystallization kinetics, aggregated structure and thermal stability of biodegradable poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Polymer International, 2021, 70, 1264-1272.	1.6	2
5	Dual effects of a diamide derivative as nucleator on crystallization kinetics and aggregated structure of biodegradable Poly(ethylene succinate). Polymer Testing, 2021, 94, 107022.	2.3	3
6	Linear Diamides Derivative-Nucleated Biodegradable Poly(ethylene succinate) Polyester: Crystallization Kinetics and Aggregated Structure Manipulated by Hydrogen Bond Interaction. Journal of Polymers and the Environment, 2021, 29, 3605-3617.	2.4	3
7	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. Composites Communications, 2021, 25, 100765.	3.3	5
8	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. Journal of Vinyl and Additive Technology, 2021, 27, 757.	1.8	0
9	Preparation of a halogen-free flame retardant and its effect on the poly(L-lactic acid) as the flame retardant material. Polymer, 2021, 229, 124027.	1.8	38
10	Biocompatible linear diamides derivative-nucleated biodegradable poly(ethylene succinate): Tailored crystallization kinetics, aggregated structure and thermal degradation. Polymer Degradation and Stability, 2021, 183, 109428.	2.7	10
11	Tailored crystallization behavior, thermal stability, and biodegradability of poly(ethylene adipate): Effects of a biocompatible diamide nucleating agent. Polymer Testing, 2020, 81, 106116.	2.3	9
12	Multiple amides derivative-nucleated poly(1,4-butylene adipate) polyester: Tailored temperature-dependent polymorphism, crystal morphology and phase transition. Polymer, 2020, 186, 122088.	1.8	12
13	Supernucleation, crystalline structure and thermal stability of bacterially synthesized poly(3-hydroxybutyrate) polyester tailored by thymine as a biocompatible nucleating agent. International Journal of Biological Macromolecules, 2020, 165, 1562-1573.	3.6	10
14	Preparation of three-dimensional flower-like Fe-Bi(OH) <sub>3</sub> nanocomposites and the photocatalytic properties for degradation of Rhodamine B in presence of visible light. Optik, 2020, 216, 164876.	1.4	6
15	A green method for synthesizing novel nanoparticles and their application in flexible conductive patterns. Journal of Materiomics, 2020, 6, 300-307.	2.8	10
16	Modulated crystallization behavior of bacterial copolyester poly(3-hydroxybutyrate-co-3-hydroxyhexanoate): Effect of a linear multiple amides derivative as a nucleator. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 439-450.	1.2	10
17	Fabrication, Crystalline Behavior, Mechanical Property and In-Vivo Degradation of Poly(lactide) (PLLA) Magnesium Oxide Whiskers (MgO) Nano Composites Prepared by In-Situ Polymerization. Polymers, 2019, 11, 1123.	2.0	10
18	Crystallization behavior and physical property of poly( $\epsilon$ -caprolactone) tailored by a biocompatible linear diamide nucleating agent. Polymer Crystallization, 2019, 2, e10084.	0.5	4

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19	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.	1.3	23
20	Polymorphism and properties of biodegradable poly(1,4-butylene adipate) tailored using an aliphatic diamide derivative. <i>Polymer International</i> , 2019, 68, 351-359.	1.6	10
21	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.	1.7	12
22	Mechanical and Gas Barrier Properties of Poly(L-Lactic Acid) by Plasma-Enhanced Chemical Vapor Deposition of SiO <sub>2</sub> . <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 581-590.	1.9	7
23	The Degradation Properties of MgO Whiskers/PLLA Composite In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2740.	1.8	23
24	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.	1.9	13
25	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.	2.0	20
26	Controlled PEGylation Crowdedness for Polymeric Micelles To Pursue Ligand-Specified Privileges as Nucleic Acid Delivery Vehicles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 8455-8459.	4.0	6
27	Fabrication and Physical Properties of Poly(ε-caprolactone)/Modified Graphene Nanocomposite. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600328.	1.7	15
28	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.	2.7	17
29	Tumor-Targeted Accumulation of Ligand-Installed Polymeric Micelles Influenced by Surface PEGylation Crowdedness. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44045-44052.	4.0	17
30	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 &amp; Engineering Chemistry Research</i> , 2017, 56, 7910-7919.	1.8	21
31	The crystallization behaviors and mechanical properties of poly(L-lactic acid)/magnesium oxide nanoparticle composites. <i>RSC Advances</i> , 2016, 6, 43855-43863.	1.7	21
32	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, .	1.3	5
33	Effects of modifying agents on surface modifications of magnesium oxide whiskers. <i>Applied Surface Science</i> , 2016, 388, 370-375.	3.1	15
34	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.	1.7	2
35	Thermal and barrier properties of stretched and annealed polylactide films. <i>Polymer Science - Series A</i> , 2015, 57, 738-746.	0.4	18
36	Effects of Cyanuric Acid on Crystallization Behavior, Polymorphism, and Phase Transition of Poly(butylene adipate). <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 8048-8055.	1.8	24

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37	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.	0.4	4
38	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.	2.6	37
39	Polymorphic crystallization of poly(butylene adipate) and its copolymer: Effect of poly(vinyl alcohol). <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	5
40	Experimental study on advantages of foam sol in coal dust control. <i>Chemical Engineering Research and Design</i> , 2014, 92, 637-644.	2.7	48
41	Fractional Crystallization and Phase Segregation in Binary Miscible Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td <i>Macromolecular Materials and Engineering</i> , 2013, 298, 201-209.	1.7	23
42	Barrier and mechanical properties of biodegradable poly( $\epsilon$ -caprolactone)/cellophane multilayer film. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1805-1811.	1.3	13
43	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.	1.2	48
44	Temperature-Variable FTIR and Solid-State $^{13}\text{C}$ NMR Investigations on Crystalline Structure and Molecular Dynamics of Polymorphic Poly(L-lactide) and Poly(D-lactide)/Poly(D-lactide) Stereocomplex. <i>Macromolecules</i> , 2012, 45, 189-197.	2.2	206
45	Nucleation Effects of Nucleobases on the Crystallization Kinetics of Poly(L-lactide). <i>Macromolecular Materials and Engineering</i> , 2012, 297, 670-679.	1.7	55
46	Critical role of the conformation of comonomer units in isomorphic crystallization of poly(hexamethylene adipate-co-butylene adipate) forming Poly(hexamethylene adipate) type crystal. <i>Polymer</i> , 2011, 52, 5204-5211.	1.8	12
47	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.	1.8	83
48	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.	2.7	49
49	Crystallization kinetics and crystalline structure of biodegradable Poly(ethylene adipate). <i>Polymer</i> , 2010, 51, 807-815.	1.8	44
50	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.	2.2	95
51	Temperature-dependent polymorphic crystalline structure and melting behavior of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Physics</i> , 2009, 47, 1997-2007.	2.4	38
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.	2.4	0