

# Jianping Deng

## List of Publications by Year in descending order

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189  
papers

4,985  
citations

76326

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149698

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190  
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190  
docs citations

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times ranked

3100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	8.2	248
2	Skin-inspired flexible and high-sensitivity pressure sensors based on rGO films with continuous-gradient wrinkles. <i>Nanoscale</i> , 2019, 11, 4258-4266.	5.6	131
3	Hollow Two-layered Chiral Nanoparticles Consisting of Optically Active Helical Polymer/Silica: Preparation and Application for Enantioselective Crystallization. <i>Advanced Functional Materials</i> , 2011, 21, 2345-2350.	14.9	124
4	Helix-Sense-Selective Polymerization of Achiral Substituted Acetylenes in Chiral Micelles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4909-4912.	13.8	97
5	Combining Chiral Helical Polymer with Achiral Luminophores for Generating Full-Color, On-Off, and Switchable Circularly Polarized Luminescence. <i>Macromolecules</i> , 2019, 52, 376-384.	4.8	88
6	Conformational Transition between Random Coil and Helix of Poly(N-propargylamides). <i>Macromolecules</i> , 2004, 37, 1891-1896.	4.8	87
7	Chiral Helical Polymer/Perovskite Hybrid Nanofibers with Intense Circularly Polarized Luminescence. <i>ACS Nano</i> , 2021, 15, 7463-7471.	14.6	82
8	Green-solvent-processable strategies for achieving large-scale manufacture of organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22826-22847.	10.3	76
9	Multifarious Chiral Nanoarchitectures Serving as Handed-Selective Fluorescence Filters for Generating Full-Color Circularly Polarized Luminescence. <i>ACS Nano</i> , 2020, 14, 3208-3218.	14.6	76
10	Intense Circularly Polarized Luminescence Contributed by Helical Chirality of Monosubstituted Polyacetylenes. <i>Macromolecules</i> , 2018, 51, 7104-7111.	4.8	75
11	Synthesis of Nano-Latex Particles of Optically Active Helical Substituted Polyacetylenes via Catalytic Microemulsion Polymerization in Aqueous Systems. <i>Macromolecules</i> , 2009, 42, 933-938.	4.8	73
12	Chiral Microspheres Consisting Purely of Optically Active Helical Substituted Polyacetylene: The First Preparation via Precipitation Polymerization and Application in Enantioselective Crystallization. <i>Macromolecules</i> , 2012, 45, 7329-7338.	4.8	72
13	Renewable Eugenol-Based Polymeric Oil-Absorbent Microspheres: Preparation and Oil Absorption Ability. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 599-605.	6.7	71
14	Effects of Steric Repulsion on Helical Conformation of Poly(N-propargylamides) with Phenyl Groups. <i>Macromolecules</i> , 2004, 37, 7156-7162.	4.8	62
15	Helical Polymer as Mimetic Enzyme Catalyzing Asymmetric Aldol Reaction. <i>Macromolecular Rapid Communications</i> , 2012, 33, 652-657.	3.9	61
16	A novel type of optically active helical polymers: Synthesis and characterization of poly(N-propargylureas). <i>Journal of Polymer Science Part A</i> , 2008, 46, 4112-4121.	2.3	60
17	Variation of Helical Pitches Driven by the Composition of N-Propargylamide Copolymers. <i>Macromolecules</i> , 2004, 37, 9715-9721.	4.8	59
18	Stimuli-responsive circularly polarized luminescent films with tunable emission. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1459-1465.	5.5	59

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19	Hollow polymeric microspheres grafted with optically active helical polymer chains: Preparation and their chiral recognition ability. <i>Journal of Materials Chemistry</i> , 2010, 20, 781-789.	6.7	58
20	Aggregation-Induced Emission-Active Chiral Helical Polymers Show Strong Circularly Polarized Luminescence in Thin Films. <i>Macromolecules</i> , 2020, 53, 8041-8049.	4.8	58
21	Optically Active Amphiphilic Polymer Brushes Based on Helical Polyacetylenes: Preparation and Self-Assembly into Core/Shell Particles. <i>Macromolecules</i> , 2011, 44, 736-743.	4.8	56
22	Optically Active Helical Polyacetylene@silica Hybrid Organic-Inorganic Core/Shell Nanoparticles: Preparation and Application for Enantioselective Crystallization. <i>Macromolecules</i> , 2010, 43, 9613-9619.	4.8	53
23	Particles of polyacetylene and its derivatives: preparation and applications. <i>Polymer Chemistry</i> , 2014, 5, 1107-1118.	3.9	52
24	Dynamically Stable Helices of Poly(N-propargylamides) with Bulky Aliphatic Groups. <i>Macromolecules</i> , 2004, 37, 5149-5154.	4.8	51
25	Synthesis of optically active poly(N-propargylsulfamides) with helical conformation. <i>Journal of Polymer Science Part A</i> , 2007, 45, 500-508.	2.3	51
26	$\beta$ -Cyclodextrin-based oil-absorbent microspheres: Preparation and high oil absorbency. <i>Carbohydrate Polymers</i> , 2013, 91, 217-223.	10.2	50
27	Two Chirality Transfer Channels Assist Handedness Inversion and Amplification of Circularly Polarized Luminescence in Chiral Helical Polyacetylene Thin Films. <i>Macromolecules</i> , 2021, 54, 5043-5052.	4.8	50
28	Helix-Sense-Selective Precipitation Polymerization of Achiral Monomer for Preparing Optically Active Helical Polymer Particles. <i>Macromolecules</i> , 2015, 48, 3406-3413.	4.8	49
29	Optically Active Particles of Chiral Polymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1426-1445.	3.9	48
30	Chiral helical polymer materials derived from achiral monomers and their chiral applications. <i>Polymer Chemistry</i> , 2020, 11, 5407-5423.	3.9	48
31	Using glycidyl methacrylate as crosslinking agent to prepare thermosensitive hydrogels by a novel one-step method. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2193-2201.	2.3	47
32	Novel Category of Optically Active Core/Shell Nanoparticles: The Core Consisting of a Helical-Substituted Polyacetylene and the Shell Consisting of a Vinyl Polymer. <i>Macromolecules</i> , 2010, 43, 3177-3182.	4.8	46
33	Chiral Helical Polymer Nanomaterials with Tunable Morphology: Prepared with Chiral Solvent To Induce Helix-Sense-Selective Precipitation Polymerization. <i>Macromolecules</i> , 2018, 51, 8878-8886.	4.8	46
34	Immobilization of Optically Active Helical Polyacetylene-Derived Nanoparticles on Graphene Oxide by Chemical Bonds and Their Use in Enantioselective Crystallization. <i>Chemistry of Materials</i> , 2014, 26, 1948-1956.	6.7	45
35	Asymmetric catalytic emulsion polymerization in chiral micelles. <i>Chemical Communications</i> , 2010, 46, 2745.	4.1	44
36	Synthesis and chiral recognition of optically active hydrogels containing helical polymer chains. <i>Polymer Chemistry</i> , 2010, 1, 1030.	3.9	43

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37	Chiral Graphene Hybrid Materials: Structures, Properties, and Chiral Applications. <i>Advanced Science</i> , 2021, 8, 2003681.	11.2	43
38	High Glass-Transition Temperature Acrylate Polymers Derived from Biomasses, Syringaldehyde, and Vanillin. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 2402-2408.	2.2	42
39	Synthesis of biomass trans-anethole based magnetic hollow polymer particles and their applications as renewable adsorbent. <i>Chemical Engineering Journal</i> , 2018, 352, 20-28.	12.7	42
40	Biomass Vanillin-Derived Polymeric Microspheres Containing Functional Aldehyde Groups: Preparation, Characterization, and Application as Adsorbent. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2753-2763.	8.0	41
41	Electrospinning Janus Type CoOx/C Nanofibers as Electrocatalysts for Oxygen Reduction Reaction. <i>Advanced Fiber Materials</i> , 2020, 2, 85-92.	16.1	41
42	Construction of Molecularly Imprinted Polymer Microspheres by Using Helical Substituted Polyacetylene and Application in Enantio-Differentiating Release and Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12494-12503.	8.0	40
43	Chiral Functionalization of Graphene Oxide by Optically Active Helical-Substituted Polyacetylene Chains and Its Application in Enantioselective Crystallization. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 9790-9798.	8.0	39
44	Fabrication of $\text{Fe}_2\text{O}_3/\text{rGO}/\text{PAN}$ Nanofiber Composite Membrane for Photocatalytic Degradation of Organic Dyes. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700845.	3.7	39
45	Chiral polymeric microspheres grafted with optically active helical polymer chains: a new class of materials for chiral recognition and chirally controlled release. <i>Polymer Chemistry</i> , 2013, 4, 645-652.	3.9	38
46	Biomass polymeric microspheres containing aldehyde groups: Immobilizing and controlled-releasing amino acids as green metal corrosion inhibitor. <i>Chemical Engineering Journal</i> , 2018, 341, 146-156.	12.7	38
47	Optically Active Physical Gels with Chiral Memory Ability: Directly Prepared by Helix-Sense-Selective Polymerization. <i>Macromolecules</i> , 2016, 49, 2948-2956.	4.8	36
48	Optically Active Janus Particles Constructed by Chiral Helical Polymers through Emulsion Polymerization Combined with Solvent Evaporation-Induced Phase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6319-6327.	8.0	36
49	Hollow Polymer Particles with Nanoscale Pores and Reactive Groups on Their Rigid Shells: Preparation and Application as Nanoreactors. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2593-2601.	2.6	35
50	Emulsion Polymerization of Acetylenics for Constructing Optically Active Helical Polymer Nanoparticles. <i>Polymer Reviews</i> , 2017, 57, 119-137.	10.9	35
51	Color-Tunable Circularly Polarized Luminescence with Helical Polyacetylenes as Fluorescence Converters. <i>Advanced Optical Materials</i> , 2020, 8, 2000858.	7.3	35
52	Helical polymer/ $\text{Fe}_3\text{O}_4$ NPs constructing optically active, magnetic core/shell microspheres: preparation by emulsion polymerization and recycling application in enantioselective crystallization. <i>Polymer Chemistry</i> , 2016, 7, 125-134.	3.9	34
53	Optically Active Helical Substituted Polyacetylenes as Chiral Seeding for Inducing Enantioselective Crystallization of Racemic <i>N</i> -( <i>tert</i> -Butoxycarbonyl)alanine. <i>Macromolecules</i> , 2011, 44, 7109-7114.	4.8	32
54	Magnetic $\text{Fe}_3\text{O}_4/\text{PS}$ Polyacetylene Composite Microspheres Showing Chirality Derived From Helical Substituted Polyacetylene. <i>Macromolecular Rapid Communications</i> , 2012, 33, 672-677.	3.9	32

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55	Biomass <i>trans</i> -Anethole-Based Hollow Polymer Particles: Preparation and Application as Sustainable Absorbent. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10011-10018.	6.7	32
56	Optically active hollow nanoparticles constructed by chirally helical substituted polyacetylene. <i>Polymer Chemistry</i> , 2016, 7, 1675-1681.	3.9	31
57	Wavelength-Gradient Graphene Films for Pressure-Sensitive Sensors. <i>Advanced Materials Technologies</i> , 2019, 4, 1800363.	5.8	31
58	Recent advances, challenges and perspectives in enantioselective release. <i>Journal of Controlled Release</i> , 2020, 324, 156-171.	9.9	31
59	Synthesis and characterization of magnetic Fe <sub>3</sub> O <sub>4</sub> -silica-poly( $\beta$ -benzyl-L-glutamate) composite microspheres. <i>Reactive and Functional Polymers</i> , 2011, 71, 1040-1044.	4.1	30
60	Optically active, magnetic gels consisting of helical substituted polyacetylene and Fe <sub>3</sub> O <sub>4</sub> nanoparticles: preparation and chiral recognition ability. <i>Journal of Materials Chemistry C</i> , 2013, 1, 8066.	5.5	30
61	Flexible Janus Electrospun Nanofiber Films for Wearable Triboelectric Nanogenerator. <i>Advanced Materials Technologies</i> , 2020, 5, 1900859.	5.8	29
62	The First Suspension Polymerization for Preparing Optically Active Microparticles Purely Constructed from Chirally Helical Substituted Polyacetylenes. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1216-1223.	3.9	28
63	Oil-absorbent beads containing $\beta$ -cyclodextrin moieties: preparation via suspension polymerization and high oil absorbency. <i>Polymers for Advanced Technologies</i> , 2012, 23, 810-816.	3.2	27
64	Biobased Magnetic Microspheres Containing Aldehyde Groups: Constructed by Vanillin-Derived Polymethacrylate/Fe <sub>3</sub> O <sub>4</sub> and Recycled in Adsorbing Amine. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 658-666.	6.7	27
65	Chiral microspheres constructed by helical substituted polyacetylene: A new class of organocatalyst toward asymmetric catalysis. <i>Synthetic Metals</i> , 2012, 162, 1858-1863.	3.9	26
66	Nanoparticles consisting of optically active helical polymers: Preparation via aqueous catalytic miniemulsion polymerization and the effects of particles size on their optical activity. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1661-1668.	2.3	25
67	Optically Active Porous Materials Constructed by Chirally Helical Substituted Polyacetylene through a High Internal Phase Emulsion Approach and the Application in Enantioselective Crystallization. <i>ACS Macro Letters</i> , 2015, 4, 1179-1183.	4.8	25
68	Chiral porous hybrid particles constructed by helical substituted polyacetylene covalently bonded organosilica for enantioselective release. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6437-6445.	5.8	25
69	Thermoplastic Polyamide Elastomers: Synthesis, Structures/Properties, and Applications. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100568.	3.6	25
70	Synthesis and Characterization of Poly(N-propargylsulfamides). <i>Macromolecules</i> , 2004, 37, 5538-5543.	4.8	24
71	Materials Established for Enantioselective Release of Chiral Compounds. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 6037-6048.	3.7	24
72	Optically Active Helical Polyacetylene Self-Assembled into Chiral Micelles Used As Nanoreactor for Helix-Sense-Selective Polymerization. <i>ACS Macro Letters</i> , 2017, 6, 6-10.	4.8	24

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73	Chiral Particles Consisting of Helical Polylactide and Helical Substituted Polyacetylene: Preparation and Synergistic Effects in Enantio-Differentiating Release. <i>Macromolecules</i> , 2018, 51, 4003-4011.	4.8	24
74	Regulating the Helical Chirality of Racemic Polyacetylene by Chiral Polylactide for Realizing Full-Color and White Circularly Polarized Luminescence. <i>Chemistry of Materials</i> , 2022, 34, 6116-6128.	6.7	24
75	Conformational Transition between Random Coil and Helix of Copolymers of N-Propargylamides. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1103-1107.	2.2	23
76	Microspheres Consisting of Optically Active Helical Substituted Polyacetylenes: Preparation via Suspension Polymerization and Their Chiral Recognition/Release Properties. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1986-1992.	3.9	22
77	Optically active helical polyacetylene/Fe <sub>3</sub> O <sub>4</sub> composite microspheres: prepared by precipitation polymerization and used for enantioselective crystallization. <i>RSC Advances</i> , 2014, 4, 63611-63619.	3.6	22
78	Optically Active, Magnetic Microparticles: Constructed by Chiral Helical Substituted Polyacetylene/Fe <sub>3</sub> O <sub>4</sub> Nanoparticles and Recycled for Uses in Enantioselective Crystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 17394-17402.	3.7	22
79	Poly(N,N-dimethylacrylamide-octadecyl acrylate)-clay hydrogels with high mechanical properties and shape memory ability. <i>RSC Advances</i> , 2018, 8, 16773-16780.	3.6	22
80	Optically Active Microspheres Constructed by Helical Substituted Polyacetylene and Used for Adsorption of Organic Compounds in Aqueous Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 19041-19049.	8.0	21
81	Boronic acid-containing optically active microspheres: Preparation, chiral adsorption and chirally controlled release towards drug DOPA. <i>Chemical Engineering Journal</i> , 2016, 306, 1162-1171.	12.7	21
82	Biobased Microspheres Consisting of Poly( <i>trans</i> -anethole-co-maleic anhydride) Prepared by Precipitation Polymerization and Adsorption Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1446-1453.	6.7	21
83	Switchable Chiroptical Flexible Films Based on Chiral Helical Superstructure: Handedness Inversion and Dissymmetric Adjustability by Stretching. <i>Advanced Functional Materials</i> , 2021, 31, 2105315.	14.9	21
84	The Formation of a Stable, Helical Conformation in Poly(N-propargylamides) through Synergic Effects among their Pendent Groups. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 218-223.	2.2	20
85	Optically active helical polymers with pendent thiourea groups: Chiral organocatalyst for asymmetric michael addition reaction. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1816-1823.	2.3	20
86	Chiral, pH-sensitive polyacrylamide hydrogels: Preparation and enantio-differentiating release ability. <i>Polymer</i> , 2015, 68, 246-252.	3.8	20
87	Chiral Monolithic Absorbent Constructed by Optically Active Helical-Substituted Polyacetylene and Graphene Oxide: Preparation and Chiral Absorption Capacity. <i>Macromolecular Rapid Communications</i> , 2015, 36, 319-326.	3.9	20
88	Immobilizing cellulase on multi-layered magnetic hollow particles: Preparation, bio-catalysis and adsorption performances. <i>Microporous and Mesoporous Materials</i> , 2019, 285, 112-119.	4.4	20
89	Hydrolyzation-Triggered Ultralong Room-Temperature Phosphorescence in Biobased Nonconjugated Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59320-59328.	8.0	20
90	Alkynylated Cellulose Nanocrystals Simultaneously Serving as Chiral Source and Stabilizing Agent for Constructing Optically Active Helical Polymer Particles. <i>Macromolecules</i> , 2016, 49, 7728-7736.	4.8	19

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91	Cellulose Concurrently Induces Predominantly One-Handed Helicity in Helical Polymers and Controls the Shape of Optically Active Particles Thereof. <i>Macromolecules</i> , 2018, 51, 5656-5664.	4.8	19
92	Chiral, fluorescent microparticles constructed by optically active helical substituted polyacetylene: preparation and enantioselective recognition ability. <i>RSC Advances</i> , 2015, 5, 26236-26245.	3.6	18
93	Fabrication of optically active microparticles constructed by helical polymer/quinine and their application to asymmetric Michael addition. <i>Polymer</i> , 2015, 80, 115-122.	3.8	18
94	Optically Active Particles with Tunable Morphology: Prepared by Embedding Graphene Oxide/Fe <sub>3</sub> O <sub>4</sub> in Helical Polyacetylene. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16273-16279.	8.0	18
95	A chiral interpenetrating polymer network constructed by helical substituted polyacetylenes and used for glucose adsorption. <i>Polymer Chemistry</i> , 2017, 8, 1426-1434.	3.9	18
96	Helix-sense-selective co-precipitation for preparing optically active helical polymer nanoparticles/graphene oxide hybrid nanocomposites. <i>Nanoscale</i> , 2017, 9, 6877-6885.	5.6	18
97	Noncovalent Chiral Functionalization of Graphene with Optically Active Helical Polymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1368-1374.	3.9	17
98	Helix-sense-selective polymerization of achiral substituted acetylene in chiral micelles for preparing optically active polymer nanoparticles: Effects of chiral emulsifiers. <i>Polymer</i> , 2014, 55, 840-847.	3.8	17
99	Helical Substituted Polyacetylene-Derived Fluorescent Microparticles Prepared by Precipitation Polymerization. <i>Macromolecular Rapid Communications</i> , 2014, 35, 908-915.	3.9	17
100	Optically Active Porous Microspheres Consisting of Helical Substituted Polyacetylene Prepared by Precipitation Polymerization without Porogen and the Application in Enantioselective Crystallization. <i>ACS Macro Letters</i> , 2015, 4, 348-352.	4.8	17
101	Macromolecular Chiral Amplification through a Random Coil to One-Handed Helix Transformation Induced by Metal Ion Coordination in an Aqueous Solution. <i>Macromolecules</i> , 2020, 53, 6002-6017.	4.8	17
102	Optically Active Helical Substituted Polyacetylenes Showing Reversible Helix Inversion in Emulsion and Solution State. <i>Macromolecular Rapid Communications</i> , 2012, 33, 212-217.	3.9	16
103	Biobased, Porous Poly(high internal phase emulsions): Prepared from Biomass-Derived Vanillin and Laurinol and Applied as an Oil Adsorbent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5533-5542.	3.7	16
104	Functionalization of Multi-Walled Carbon Nanotubes by Thermo-Grafting with Methylstyrene-Containing Copolymers. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1521-1526.	3.9	15
105	Emulsification-Induced Homohelicity in Racemic Helical Polymer for Preparing Optically Active Helical Polymer Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2016, 37, 568-574.	3.9	15
106	Ring opening precipitation polymerization for preparing polylactide particles with tunable size and porous structure and their application as chiral material. <i>Polymer</i> , 2017, 127, 214-219.	3.8	15
107	Polylactide-based chiral particles with enantio-differentiating release ability. <i>Chemical Engineering Journal</i> , 2018, 344, 262-269.	12.7	15
108	Preparation and Chirality Investigation of Electrospun Nanofibers from Optically Active Helical Substituted Polyacetylenes. <i>Macromolecules</i> , 2020, 53, 602-608.	4.8	15



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109	Aldehyde-containing nanofibers electrospun from biomass vanillin-derived polymer and their application as adsorbent. <i>Separation and Purification Technology</i> , 2020, 246, 116916.	7.9	15
110	Novel optically active helical poly(N-propargylthiourea)s: synthesis, characterization and complexing ability toward Fe(III) ions. <i>Polymer Chemistry</i> , 2011, 2, 2825.	3.9	14
111	Optically active microspheres from helical substituted polyacetylene with pendent ferrocenyl amino-acid derivative. Preparation and recycling use for direct asymmetric aldol reaction in water. <i>Polymer</i> , 2017, 125, 200-207.	3.8	14
112	Biomass ferulic acid-derived hollow polymer particles as selective adsorbent for anionic dye. <i>Reactive and Functional Polymers</i> , 2018, 132, 9-18.	4.1	14
113	Chiral, thermal-responsive hydrogels containing helical hydrophilic polyacetylene: preparation and enantio-differentiating release ability. <i>Polymer Chemistry</i> , 2019, 10, 1780-1786.	3.9	14
114	A Novel Strategy for the Preparation of Reactively Compatibilized Polymer Blends with Oligomers Containing <i>l</i> -Methyl Styrene Units. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2163-2169.	3.9	13
115	Synthesis and characterization of poly(N-propargylurea)s with helical conformation, optical activity and fluorescence properties. <i>Reactive and Functional Polymers</i> , 2010, 70, 116-121.	4.1	13
116	Preparation of hydrophobic helical poly(N-propargylamide)s in aqueous medium via a monomer/cyclodextrin inclusion complex. <i>Polymer Chemistry</i> , 2011, 2, 694-701.	3.9	13
117	Optically active thermosensitive amphiphilic polymer brushes based on helical polyacetylene: preparation through <i>click</i> -onto grafting method and self-assembly. <i>Polymer Bulletin</i> , 2012, 69, 1023-1040.	3.3	13
118	Chiral pH-Responsive Amphiphilic Polymer Co-networks: Preparation, Chiral Recognition, and Release Abilities. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1375-1383.	2.2	13
119	pH-Sensitive Chiral Hydrogels Consisting of Poly( <i>N</i> -acryloyl- <i>l</i> -alanine) and $\beta$ -Cyclodextrin: Preparation and Enantiodifferentiating Adsorption and Release Ability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 8069-8078.	3.7	13
120	Preparation and characterization of microcellular foamed thermoplastic polyamide elastomer composite consisting of EVA/TPAE1012. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50952.	2.6	13
121	Polylactide-Based Chiral Porous Monolithic Materials Prepared Using the High Internal Phase Emulsion Template Method for Enantioselective Release. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5072-5081.	5.2	12
122	Preparation and Chiral Applications of Optically Active Polyamides. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100341.	3.9	12
123	Optically active composite nanoparticles with chemical bonds between core and shell. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5611-5617.	2.3	11
124	Biomass trans-anethole-based heat-resistant copolymer microspheres: Preparation and thermostability. <i>Materials Today Communications</i> , 2016, 9, 60-66.	1.9	11
125	Chiral, crosslinked, and micron-sized spheres of substituted polyacetylene prepared by precipitation polymerization. <i>Polymer</i> , 2018, 139, 76-85.	3.8	11
126	Chiral magnetic hybrid materials constructed from macromolecules and their chiral applications. <i>Nanoscale</i> , 2021, 13, 11765-11780.	5.6	11



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127	Heat-resistant poly(N-(1-phenylethyl)maleimide-co-styrene) microspheres prepared by dispersion polymerization. <i>Journal of Materials Chemistry</i> , 2012, 22, 6697.	6.7	10
128	Chiral, pH responsive hydrogels constructed by N-Acryloyl-alanine and PEGDA/±-CD inclusion complex: preparation and chiral release ability. <i>Polymers for Advanced Technologies</i> , 2016, 27, 169-177.	3.2	10
129	Chiral 3D porous hybrid foams constructed by graphene and helically substituted polyacetylene: preparation and application in enantioselective crystallization. <i>Journal of Materials Science</i> , 2017, 52, 4575-4586.	3.7	10
130	Graphene Oxide (GO) as Stabilizer for Preparing Chirally Helical Polyacetylene/GO Hybrid Microspheres via Suspension Polymerization. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700452.	3.9	10
131	Dispersion Polymerization of Substituted Acetylenes in the Presence of Chiral Source for Preparing Monodispersed Chiral Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700759.	3.9	10
132	Twisted bio-nanorods serve as a template for constructing chiroptically active nanoflowers. <i>Nanoscale</i> , 2018, 10, 12163-12168.	5.6	10
133	Chiral helical substituted polyacetylene grafted on hollow polymer particles: preparation and enantioselective adsorption towards cinchona alkaloids. <i>Polymer Chemistry</i> , 2019, 10, 4441-4448.	3.9	10
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