Jianping Deng

List of Publications by Year
in descending order

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189	4,985	76294 40	149623 56
papers	citations	h-index	g-index

190	190	190	3100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. Science China Chemistry, 2021, 64, 2060-2104.	4.2	248
2	Skin-inspired flexible and high-sensitivity pressure sensors based on rGO films with continuous-gradient wrinkles. Nanoscale, 2019, 11, 4258-4266.	2.8	131
3	Hollow Twoâ€Layered Chiral Nanoparticles Consisting of Optically Active Helical Polymer/Silica: Preparation and Application for Enantioselective Crystallization. Advanced Functional Materials, 2011, 21, 2345-2350.	7.8	124
4	Helixâ€Senseâ€Selective Polymerization of Achiral Substituted Acetylenes in Chiral Micelles. Angewandte Chemie - International Edition, 2011, 50, 4909-4912.	7.2	97
5	Combining Chiral Helical Polymer with Achiral Luminophores for Generating Full-Color, Onâ€“Off, and Switchable Circularly Polarized Luminescence. Macromolecules, 2019, 52, 376-384.	2.2	88
6	Conformational Transition between Random Coil and Helix of Poly(N-propargylamides). Macromolecules, 2004, 37, 1891-1896.	2.2	87
7	Chiral Helical Polymer/Perovskite Hybrid Nanofibers with Intense Circularly Polarized Luminescence. ACS Nano, 2021, 15, 7463-7471.	7.3	82
8	Green-solvent-processable strategies for achieving large-scale manufacture of organic photovoltaics. Journal of Materials Chemistry A, 2019, 7, 22826-22847.	5.2	76
9	Multifarious Chiral Nanoarchitectures Serving as Handed-Selective Fluorescence Filters for Generating Full-Color Circularly Polarized Luminescence. ACS Nano, 2020, 14, 3208-3218.	7.3	76
10	Intense Circularly Polarized Luminescence Contributed by Helical Chirality of Monosubstituted Polyacetylenes. Macromolecules, 2018, 51, 7104-7111.	2.2	75
11	Synthesis of Nano-Latex Particles of Optically Active Helical Substituted Polyacetylenes via Catalytic Microemulsion Polymerization in Aqueous Systems. Macromolecules, 2009, 42, 933-938.	2.2	73
12	Chiral Microspheres Consisting Purely of Optically Active Helical Substituted Polyacetylene: The First Preparation via Precipitation Polymerization and Application in Enantioselective Crystallization. Macromolecules, 2012, 45, 7329-7338.	2.2	72
13	Renewable Eugenol-Based Polymeric Oil-Absorbent Microspheres: Preparation and Oil Absorption Ability. ACS Sustainable Chemistry and Engineering, 2015, 3, 599-605.	3.2	71
14	Effects of Steric Repulsion on Helical Conformation of Poly(N-propargylamides) with Phenyl Groups. Macromolecules, 2004, 37, 7156-7162.	2.2	62
15	Helical Polymer as Mimetic Enzyme Catalyzing Asymmetric Aldol Reaction. Macromolecular Rapid Communications, 2012, 33, 652-657.	2.0	61
16	A novel type of optically active helical polymers: Synthesis and characterization of poly(<i>N</i>â€propargylureas). Journal of Polymer Science Part A, 2008, 46, 4112-4121.	2.5	60
17	Variation of Helical Pitches Driven by the Composition ofN-Propargylamide Copolymers. Macromolecules, 2004, 37, 9715-9721.	2.2	59
18	Stimuli-responsive circularly polarized luminescent films with tunable emission. Journal of Materials Chemistry C, 2020, 8, 1459-1465.	2.7	59

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19	Hollow polymeric microspheres grafted with optically active helical polymer chains: Preparation and their chiral recognition ability. Journal of Materials Chemistry, 2010, 20, 781-789.	6.7	58
20	Aggregation-Induced Emission-Active Chiral Helical Polymers Show Strong Circularly Polarized Luminescence in Thin Films. Macromolecules, 2020, 53, 8041-8049.	2.2	58
21	Optically Active Amphiphilic Polymer Brushes Based on Helical Polyacetylenes: Preparation and Self-Assembly into Core/Shell Particles. Macromolecules, 2011, 44, 736-743.	2.2	56
22	Optically Active Helical Polyacetylene@silica Hybrid Organicâ˜inorganic Core/Shell Nanoparticles: Preparation and Application for Enantioselective Crystallization. Macromolecules, 2010, 43, 9613-9619.	2.2	53
23	Particles of polyacetylene and its derivatives: preparation and applications. Polymer Chemistry, 2014, 5, 1107-1118.	1.9	52
24	Dynamically Stable Helices of Poly(N-propargylamides) with Bulky Aliphatic Groups. Macromolecules, 2004, 37, 5149-5154.	2.2	51
25	Synthesis of optically active poly(N-propargylsulfamides) with helical conformation. Journal of Polymer Science Part A, 2007, 45, 500-508.	2.5	51
26	Î²-Cyclodextrin-based oil-absorbent microspheres: Preparation and high oil absorbency. Carbohydrate Polymers, 2013, 91, 217-223.	5.1	50
27	Two Chirality Transfer Channels Assist Handedness Inversion and Amplification of Circularly Polarized Luminescence in Chiral Helical Polyacetylene Thin Films. Macromolecules, 2021, 54, 5043-5052.	2.2	50
28	Helix-Sense-Selective Precipitation Polymerization of Achiral Monomer for Preparing Optically Active Helical Polymer Particles. Macromolecules, 2015, 48, 3406-3413.	2.2	49
29	Optically Active Particles of Chiral Polymers. Macromolecular Rapid Communications, 2013, 34, 1426-1445.	2.0	48
30	Chiral helical polymer materials derived from achiral monomers and their chiral applications. Polymer Chemistry, 2020, 11, 5407-5423.	1.9	48
31	Using glycidyl methacrylate as crossâ€linking agent to prepare thermosensitive hydrogels by a novel oneâ€step method. Journal of Polymer Science Part A, 2008, 46, 2193-2201.	2.5	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. Macromolecules, 2010, 43, 3177-3182.	2.2	46
33	Chiral Helical Polymer Nanomaterials with Tunable Morphology: Prepared with Chiral Solvent To Induce Helix-Sense-Selective Precipitation Polymerization. Macromolecules, 2018, 51, 8878-8886.	2.2	46
34	Immobilization of Optically Active Helical Polyacetylene-Derived Nanoparticles on Graphene Oxide by Chemical Bonds and Their Use in Enantioselective Crystallization. Chemistry of Materials, 2014, 26, 1948-1956.	3.2	45
35	Asymmetric catalytic emulsion polymerization in chiral micelles. Chemical Communications, 2010, 46, 2745.	2.2	44
36	Synthesis and chiral recognition of optically active hydrogels containing helical polymer chains. Polymer Chemistry, 2010, 1, 1030.	1.9	43

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37	Chiral Graphene Hybrid Materials: Structures, Properties, and Chiral Applications. Advanced Science, 2021, 8, 2003681.	5.6	43
38	High Glass-Transition Temperature Acrylate Polymers Derived from Biomasses, Syringaldehyde, and Vanillin. Macromolecular Chemistry and Physics, 2016, 217, 2402-2408.	1.1	42
39	Synthesis of biomass trans-anethole based magnetic hollow polymer particles and their applications as renewable adsorbent. Chemical Engineering Journal, 2018, 352, 20-28.	6.6	42
40	Biomass Vanillin-Derived Polymeric Microspheres Containing Functional Aldehyde Groups: Preparation, Characterization, and Application as Adsorbent. ACS Applied Materials & Interfaces, 2016, 8, 2753-2763.	4.0	41
41	Electrospinning Janus Type CoOx/C Nanofibers as Electrocatalysts for Oxygen Reduction Reaction. Advanced Fiber Materials, 2020, 2, 85-92.	7.9	41
42	Construction of Molecularly Imprinted Polymer Microspheres by Using Helical Substituted Polyacetylene and Application in Enantio-Differentiating Release and Adsorption. ACS Applied Materials & Interfaces, 2016, 8, 12494-12503.	4.0	40
43	Chiral Functionalization of Graphene Oxide by Optically Active Helical-Substituted Polyacetylene Chains and Its Application in Enantioselective Crystallization. ACS Applied Materials & Interfaces, 2014, 6, 9790-9798.	4.0	39
44	Fabrication of Î±â€Fe₂O₃@rGO/PAN Nanofiber Composite Membrane for Photocatalytic Degradation of Organic Dyes. Advanced Materials Interfaces, 2017, 4, 1700845.	1.9	39
45	Chiral polymeric microspheres grafted with optically active helical polymer chains: a new class of materials for chiral recognition and chirally controlled release. Polymer Chemistry, 2013, 4, 645-652.	1.9	38
46	Biomass polymeric microspheres containing aldehyde groups: Immobilizing and controlled-releasing amino acids as green metal corrosion inhibitor. Chemical Engineering Journal, 2018, 341, 146-156.	6.6	38
47	Optically Active Physical Gels with Chiral Memory Ability: Directly Prepared by Helix-Sense-Selective Polymerization. Macromolecules, 2016, 49, 2948-2956.	2.2	36
48	Optically Active Janus Particles Constructed by Chiral Helical Polymers through Emulsion Polymerization Combined with Solvent Evaporation-Induced Phase Separation. ACS Applied Materials & Interfaces, 2020, 12, 6319-6327.	4.0	36
49	Hollow Polymer Particles with Nanoscale Pores and Reactive Groups on Their Rigid Shells: Preparation and Application as Nanoreactors. Journal of Physical Chemistry B, 2010, 114, 2593-2601.	1.2	35
50	Emulsion Polymerization of Acetylenics for Constructing Optically Active Helical Polymer Nanoparticles. Polymer Reviews, 2017, 57, 119-137.	5.3	35
51	Colorâ€Tunable Circularly Polarized Luminescence with Helical Polyacetylenes as Fluorescence Converters. Advanced Optical Materials, 2020, 8, 2000858.	3.6	35
52	Helical polymer/Fe₃O₄ NPs constructing optically active, magnetic core/shell microspheres: preparation by emulsion polymerization and recycling application in enantioselective crystallization. Polymer Chemistry, 2016, 7, 125-134.	1.9	34
53	Optically Active Helical Substituted Polyacetylenes as Chiral Seeding for Inducing Enantioselective Crystallization of Racemic <i>N</i>-(<i>tert</i>-Butoxycarbonyl)alanine. Macromolecules, 2011, 44, 7109-7114.	2.2	32
54	Magnetic Fe₃O₄â€PSâ€Polyacetylene Composite Microspheres Showing Chirality Derived From Helical Substituted Polyacetylene. Macromolecular Rapid Communications, 2012, 33, 672-677.	2.0	32

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55	Biomass <i>trans</i>-Anethole-Based Hollow Polymer Particles: Preparation and Application as Sustainable Absorbent. ACS Sustainable Chemistry and Engineering, 2017, 5, 10011-10018.	3.2	32
56	Optically active hollow nanoparticles constructed by chirally helical substituted polyacetylene. Polymer Chemistry, 2016, 7, 1675-1681.	1.9	31
57	Wavelengthâ€Gradient Graphene Films for Pressureâ€Sensitive Sensors. Advanced Materials Technologies, 2019, 4, 1800363.	3.0	31
58	Recent advances, challenges and perspectives in enantioselective release. Journal of Controlled Release, 2020, 324, 156-171.	4.8	31
59	Synthesis and characterization of magnetic Fe3O4-silica-poly(Î³-benzyl-l-glutamate) composite microspheres. Reactive and Functional Polymers, 2011, 71, 1040-1044.	2.0	30
60	Optically active, magnetic gels consisting of helical substituted polyacetylene and Fe3O4 nanoparticles: preparation and chiral recognition ability. Journal of Materials Chemistry C, 2013, 1, 8066.	2.7	30
61	Flexible Janus Electrospun Nanofiber Films for Wearable Triboelectric Nanogenerator. Advanced Materials Technologies, 2020, 5, 1900859.	3.0	29
62	The First Suspension Polymerization for Preparing Optically Active Microparticles Purely Constructed from Chirally Helical Substituted Polyacetylenes. Macromolecular Rapid Communications, 2014, 35, 1216-1223.	2.0	28
63	Oilâ€absorbent beads containing <i>Î²</i>â€cyclodextrin moieties: preparation via suspension polymerization and high oil absorbency. Polymers for Advanced Technologies, 2012, 23, 810-816.	1.6	27
64	Biobased Magnetic Microspheres Containing Aldehyde Groups: Constructed by Vanillin-Derived Polymethacrylate/Fe₃O₄ and Recycled in Adsorbing Amine. ACS Sustainable Chemistry and Engineering, 2017, 5, 658-666.	3.2	27
65	Chiral microspheres constructed by helical substituted polyacetylene: A new class of organocatalyst toward asymmetric catalysis. Synthetic Metals, 2012, 162, 1858-1863.	2.1	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. Journal of Polymer Science Part A, 2010, 48, 1661-1668.	2.5	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. ACS Macro Letters, 2015, 4, 1179-1183.	2.3	25
68	Chiral porous hybrid particles constructed by helical substituted polyacetylene covalently bonded organosilica for enantioselective release. Journal of Materials Chemistry B, 2016, 4, 6437-6445.	2.9	25
69	Thermoplastic Polyamide Elastomers: Synthesis, Structures/Properties, and Applications. Macromolecular Materials and Engineering, 2021, 306, 2100568.	1.7	25
70	Synthesis and Characterization of Poly(N-propargylsulfamides). Macromolecules, 2004, 37, 5538-5543.	2.2	24
71	Materials Established for Enantioselective Release of Chiral Compounds. Industrial & Engineering Chemistry Research, 2016, 55, 6037-6048.	1.8	24
72	Optically Active Helical Polyacetylene Self-Assembled into Chiral Micelles Used As Nanoreactor for Helix-Sense-Selective Polymerization. ACS Macro Letters, 2017, 6, 6-10.	2.3	24

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73	Chiral Particles Consisting of Helical Polylactide and Helical Substituted Polyacetylene: Preparation and Synergistic Effects in Enantio-Differentiating Release. Macromolecules, 2018, 51, 4003-4011.	2.2	24
74	Regulating the Helical Chirality of Racemic Polyacetylene by Chiral Polylactide for Realizing Full-Color and White Circularly Polarized Luminescence. Chemistry of Materials, 2022, 34, 6116-6128.	3.2	24
75	Conformational Transition between Random Coil and Helix of Copolymers ofN-Propargylamides. Macromolecular Chemistry and Physics, 2004, 205, 1103-1107.	1.1	23
76	Microspheres Consisting of Optically Active Helical Substituted Polyacetylenes: Preparation via Suspension Polymerization and Their Chiral Recognition/Release Properties. Macromolecular Rapid Communications, 2011, 32, 1986-1992.	2.0	22
77	Optically active helical polyacetylene/Fe₃O₄ composite microspheres: prepared by precipitation polymerization and used for enantioselective crystallization. RSC Advances, 2014, 4, 63611-63619.	1.7	22
78	Optically Active, Magnetic Microparticles: Constructed by Chiral Helical Substituted Polyacetylene/Fe₃O₄ Nanoparticles and Recycled for Uses in Enantioselective Crystallization. Industrial & Engineering Chemistry Research, 2014, 53, 17394-17402.	1.8	22
79	Poly(<i>N</i>,<i>N</i>-dimethylacrylamide-octadecyl acrylate)-clay hydrogels with high mechanical properties and shape memory ability. RSC Advances, 2018, 8, 16773-16780.	1.7	22
80	Optically Active Microspheres Constructed by Helical Substituted Polyacetylene and Used for Adsorption of Organic Compounds in Aqueous Systems. ACS Applied Materials & Interfaces, 2014, 6, 19041-19049.	4.0	21
81	Boronic acid-containing optically active microspheres: Preparation, chiral adsorption and chirally controlled release towards drug DOPA. Chemical Engineering Journal, 2016, 306, 1162-1171.	6.6	21
82	Biobased Microspheres Consisting of Poly(<i>trans</i>-anethole-<i>co</i>-maleic anhydride) Prepared by Precipitation Polymerization and Adsorption Performance. ACS Sustainable Chemistry and Engineering, 2016, 4, 1446-1453.	3.2	21
83	Switchable Chiroptical Flexible Films Based on Chiral Helical Superstructure: Handedness Inversion and Dissymmetric Adjustability by Stretching. Advanced Functional Materials, 2021, 31, 2105315.	7.8	21
84	The Formation of a Stable, Helical Conformation in Poly(N-propargylamides) through Synergic Effects among their Pendent Groups. Macromolecular Chemistry and Physics, 2007, 208, 218-223.	1.1	20
85	Optically active helical polymers with pendent thiourea groups: Chiral organocatalyst for asymmetric michael addition reaction. Journal of Polymer Science Part A, 2015, 53, 1816-1823.	2.5	20
86	Chiral, pH-sensitive polyacrylamide hydrogels: Preparation and enantio-differentiating release ability. Polymer, 2015, 68, 246-252.	1.8	20
87	Chiral Monolithic Absorbent Constructed by Optically Active Helical-Substituted Polyacetylene and Graphene Oxide: Preparation and Chiral Absorption Capacity. Macromolecular Rapid Communications, 2015, 36, 319-326.	2.0	20
88	Immobilizing cellulase on multi-layered magnetic hollow particles: Preparation, bio-catalysis and adsorption performances. Microporous and Mesoporous Materials, 2019, 285, 112-119.	2.2	20
89	Hydrolyzation-Triggered Ultralong Room-Temperature Phosphorescence in Biobased Nonconjugated Polymers. ACS Applied Materials & Interfaces, 2021, 13, 59320-59328.	4.0	20
90	Alkynylated Cellulose Nanocrystals Simultaneously Serving as Chiral Source and Stabilizing Agent for Constructing Optically Active Helical Polymer Particles. Macromolecules, 2016, 49, 7728-7736.	2.2	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. Macromolecules, 2018, 51, 5656-5664.	2.2	19
92	Chiral, fluorescent microparticles constructed by optically active helical substituted polyacetylene: preparation and enantioselective recognition ability. RSC Advances, 2015, 5, 26236-26245.	1.7	18
93	Fabrication of optically active microparticles constructed by helical polymer/quinine and their application to asymmetric Michael addition. Polymer, 2015, 80, 115-122.	1.8	18
94	Optically Active Particles with Tunable Morphology: Prepared by Embedding Graphene Oxide/Fe₃O₄ in Helical Polyacetylene. ACS Applied Materials & Interfaces, 2016, 8, 16273-16279.	4.0	18
95	A chiral interpenetrating polymer network constructed by helical substituted polyacetylenes and used for glucose adsorption. Polymer Chemistry, 2017, 8, 1426-1434.	1.9	18
96	Helix-sense-selective co-precipitation for preparing optically active helical polymer nanoparticles/graphene oxide hybrid nanocomposites. Nanoscale, 2017, 9, 6877-6885.	2.8	18
97	Noncovalent Chiral Functionalization of Graphene with Optically Active Helical Polymers. Macromolecular Rapid Communications, 2013, 34, 1368-1374.	2.0	17
98	Helix-sense-selective polymerization of achiral substituted acetylene in chiral micelles for preparing optically active polymer nanoparticles: Effects of chiral emulsifiers. Polymer, 2014, 55, 840-847.	1.8	17
99	Helical Substituted Polyacetyleneâ€Derived Fluorescent Microparticles Prepared by Precipitation Polymerization. Macromolecular Rapid Communications, 2014, 35, 908-915.	2.0	17
100	Optically Active Porous Microspheres Consisting of Helical Substituted Polyacetylene Prepared by Precipitation Polymerization without Porogen and the Application in Enantioselective Crystallization. ACS Macro Letters, 2015, 4, 348-352.	2.3	17
101	Macromolecular Chiral Amplification through a Random Coil to One-Handed Helix Transformation Induced by Metal Ion Coordination in an Aqueous Solution. Macromolecules, 2020, 53, 6002-6017.	2.2	17
102	Optically Active Helical Substituted Polyacetylenes Showing Reversible Helix Inversion in Emulsion and Solution State. Macromolecular Rapid Communications, 2012, 33, 212-217.	2.0	16
103	Biobased, Porous Poly(high internal phase emulsions): Prepared from Biomass-Derived Vanillin and Laurinol and Applied as an Oil Adsorbent. Industrial & Engineering Chemistry Research, 2019, 58, 5533-5542.	1.8	16
104	Functionalization of Multiâ€Walled Carbon Nanotubes by Thermoâ€Grafting with <i>Î±</i>â€Methylstyreneâ€Containing Copolymers. Macromolecular Rapid Communications, 2008, 29, 1521-1526.	2.0	15
105	Emulsification-Induced Homohelicity in Racemic Helical Polymer for Preparing Optically Active Helical Polymer Nanoparticles. Macromolecular Rapid Communications, 2016, 37, 568-574.	2.0	15
106	Ring opening precipitation polymerization for preparing polylactide particles with tunable size and porous structure and their application as chiral material. Polymer, 2017, 127, 214-219.	1.8	15
107	Polylactide-based chiral particles with enantio-differentiating release ability. Chemical Engineering Journal, 2018, 344, 262-269.	6.6	15
108	Preparation and Chirality Investigation of Electrospun Nanofibers from Optically Active Helical Substituted Polyacetylenes. Macromolecules, 2020, 53, 602-608.	2.2	15

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109	Aldehyde-containing nanofibers electrospun from biomass vanillin-derived polymer and their application as adsorbent. Separation and Purification Technology, 2020, 246, 116916.	3.9	15
110	Novel optically active helical poly(N-propargylthiourea)s: synthesis, characterization and complexing ability toward Fe(iii) ions. Polymer Chemistry, 2011, 2, 2825.	1.9	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. Polymer, 2017, 125, 200-207.	1.8	14
112	Biomass ferulic acid-derived hollow polymer particles as selective adsorbent for anionic dye. Reactive and Functional Polymers, 2018, 132, 9-18.	2.0	14
113	Chiral, thermal-responsive hydrogels containing helical hydrophilic polyacetylene: preparation and enantio-differentiating release ability. Polymer Chemistry, 2019, 10, 1780-1786.	1.9	14
114	A Novel Strategy for the Preparation of Reactively Compatibilized Polymer Blends with Oligomers Containing <i>Î±</i>â€Methyl Styrene Units. Macromolecular Rapid Communications, 2007, 28, 2163-2169.	2.0	13
115	Synthesis and characterization of poly(N-propargylurea)s with helical conformation, optical activity and fluorescence properties. Reactive and Functional Polymers, 2010, 70, 116-121.	2.0	13
116	Preparation of hydrophobic helical poly(N-propargylamide)s in aqueous medium via a monomer/cyclodextrin inclusion complex. Polymer Chemistry, 2011, 2, 694-701.	1.9	13
117	Optically active thermosensitive amphiphilic polymer brushes based on helical polyacetylene: preparation through â€œclickâ€•onto grafting method and self-assembly. Polymer Bulletin, 2012, 69, 1023-1040.	1.7	13
118	Chiral pHâ€Responsive Amphiphilic Polymer Coâ€networks: Preparation, Chiral Recognition, and Release Abilities. Macromolecular Chemistry and Physics, 2013, 214, 1375-1383.	1.1	13
119	pH-Sensitive Chiral Hydrogels Consisting of Poly(<i>N</i>-acryloyl-<scp>l</scp>-alanine) and Î²-Cyclodextrin: Preparation and Enantiodifferentiating Adsorption and Release Ability. Industrial & Engineering Chemistry Research, 2014, 53, 8069-8078.	1.8	13
120	Preparation and characterization of microcellular foamed thermoplastic polyamide elastomer composite consisting of <scp>EVA</scp>/<scp>TPAE1012</scp>. Journal of Applied Polymer Science, 2021, 138, 50952.	1.3	13
121	Polylactide-Based Chiral Porous Monolithic Materials Prepared Using the High Internal Phase Emulsion Template Method for Enantioselective Release. ACS Biomaterials Science and Engineering, 2019, 5, 5072-5081.	2.6	12
122	Preparation and Chiral Applications of Optically Active Polyamides. Macromolecular Rapid Communications, 2021, 42, e2100341.	2.0	12
123	Optically active composite nanoparticles with chemical bonds between core and shell. Journal of Polymer Science Part A, 2010, 48, 5611-5617.	2.5	11
124	Biomass trans-anethole-based heat-resistant copolymer microspheres: Preparation and thermostability. Materials Today Communications, 2016, 9, 60-66.	0.9	11
125	Chiral, crosslinked, and micron-sized spheres of substituted polyacetylene prepared by precipitation polymerization. Polymer, 2018, 139, 76-85.	1.8	11
126	Chiral magnetic hybrid materials constructed from macromolecules and their chiral applications. Nanoscale, 2021, 13, 11765-11780.	2.8	11

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127	Heat-resistant poly(N-(1-phenylethyl)maleimide-co-styrene) microspheres prepared by dispersion polymerization. Journal of Materials Chemistry, 2012, 22, 6697.	6.7	10
128	Chiral, pH responsive hydrogels constructed by <i>N</i> -Acryloyl-alanine and PEGDA/<i>Î±</i> -CD inclusion complex: preparation and chiral release ability. Polymers for Advanced Technologies, 2016, 27, 169-177.	1.6	10
129	Chiral 3D porous hybrid foams constructed by graphene and helically substituted polyacetylene: preparation and application in enantioselective crystallization. Journal of Materials Science, 2017, 52, 4575-4586.	1.7	10
130	Graphene Oxide (GO) as Stabilizer for Preparing Chirally Helical Polyacetylene/GO Hybrid Microspheres via Suspension Polymerization. Macromolecular Rapid Communications, 2017, 38, 1700452.	2.0	10
131	Dispersion Polymerization of Substituted Acetylenes in the Presence of Chiral Source for Preparing Monodispersed Chiral Nanoparticles. Macromolecular Rapid Communications, 2018, 39, e1700759.	2.0	10
132	Twisted bio-nanorods serve as a template for constructing chiroptically active nanoflowers. Nanoscale, 2018, 10, 12163-12168.	2.8	10
133	Chiral helical substituted polyacetylene grafted on hollow polymer particles: preparation and enantioselective adsorption towards cinchona alkaloids. Polymer Chemistry, 2019, 10, 4441-4448.	1.9	10
134	Optically Active Biobased Hollow Polymer Particles: Preparation, Chiralization, and Adsorption toward Chiral Amines. Industrial & Engineering Chemistry Research, 2019, 58, 4090-4098.	1.8	10
135	Nonspherical chiral helical polymer particles with programmable morphology prepared by electrospraying. Nanoscale, 2019, 11, 23197-23205.	2.8	10
136	Organic Polymer-Constructed Chiral Particles: Preparation and Chiral Applications. Polymer Reviews, 2022, 62, 826-859.	5.3	10
137	Influence of Solvent on the Secondary Structure of Helical Poly(N-propargyl-(1R)-camphor-10-sulfamide). Polymer Journal, 2008, 40, 436-441.	1.3	9
138	Preparation of Optically Active Nanoparticles by Emulsification of Preformed Helical Polymers. Macromolecular Chemistry and Physics, 2011, 212, 353-360.	1.1	9
139	Degradation and initiation polymerization mechanism of Î±â€methylstyreneâ€containing macroinitiators. Journal of Applied Polymer Science, 2011, 120, 466-473.	1.3	9
140	A Facile Method for Preparing Porous, Optically Active, Magnetic Fe₃O₄@poly(<i>N</i>â€acryloylâ€leucine) Inverse Core/Shell Composite Microspheres. Macromolecular Rapid Communications, 2014, 35, 91-96.	2.0	9
141	Optically active, magnetic microspheres: Constructed by helical substituted polyacetylene with pendent prolineamide groups and applied as catalyst for Aldol reaction. Reactive and Functional Polymers, 2015, 93, 10-17.	2.0	9
142	Helically twining polymerization for constructing polymeric double helices. Polymer Chemistry, 2017, 8, 5726-5733.	1.9	9
143	Chiral PLLA particles with tunable morphology and lamellar structure for enantioselective crystallization. Journal of Materials Science, 2018, 53, 11932-11941.	1.7	9
144	Multi-functional stretchable sensors based on a 3D-rGO wrinkled microarchitecture. Nanoscale Advances, 2019, 1, 4406-4414.	2.2	9

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145	<i>In situ</i> polymerization of flame retardant modification polyamide 6,6 with 2â€carboxy ethyl (phenyl) phosphinic acid. Journal of Applied Polymer Science, 2020, 137, 48687.	1.3	9
146	Electrospinning chiral fluorescent nanofibers from helical polyacetylene: preparation and enantioselective recognition ability. Nanoscale Advances, 2020, 2, 1301-1308.	2.2	9
147	Preparation Methods, Performance Improvement Strategies, and Typical Applications of Polyamide Foams. Industrial & Engineering Chemistry Research, 2021, 60, 17365-17378.	1.8	9
148	Synthesis and Characterization ofN-Propargyl Cinnamamide Polymers and Copolymers. Macromolecular Chemistry and Physics, 2007, 208, 316-323.	1.1	8
149	Chiral helical polyacetyleneâ€“vinyl polymer core/shell nanoparticles: preparation and application to optically active composite films. Colloid and Polymer Science, 2011, 289, 133-139.	1.0	8
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151	Synthesis of Sub-100 nm Nanoparticles by Emulsifier-free Emulsion Polymerization of Î±-Methylstyrene, Methyl Methacrylate and Acrylic Acid. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 846-850.	1.2	7
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