Jianping Deng

List of Publications by Year in Descending Order

186 papers	3,705 citations	33 h-index	48 g-index
190 ext. papers	4,372 ext. citations	5.5 avg, IF	6.09 L-index

#	Paper	IF	Citations
186	Polyamide foams prepared by solution foaming approach and their adsorption property towards bisphenol A. *Microporous and Mesoporous Materials*, **2022**, 330, 111626	5.3	0
185	Helix-Sense-Selective Polymerization of Achiral Monomers for the Preparation of Chiral Helical Polyacetylenes Showing Intense CPL in Solid Film State.. *Macromolecular Rapid Communications*, **2022**, e2200111	4.8	2
184	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. *Science China Chemistry*, **2021**, 64, 2060	7.9	46
183	Hydrolyzation-Triggered Ultralong Room-Temperature Phosphorescence in Biobased Nonconjugated Polymers. *ACS Applied Materials & Interfaces*, **2021**,	9.5	3
182	Preparation and characterization of microcellular foamed thermoplastic polyamide elastomer composite consisting of EVA/TPAE1012. *Journal of Applied Polymer Science*, **2021**, 138, 50952	2.9	3
181	Two Chirality Transfer Channels Assist Handedness Inversion and Amplification of Circularly Polarized Luminescence in Chiral Helical Polyacetylene Thin Films. *Macromolecules*, **2021**, 54, 5043-5052	5.5	15
180	Recycling extrusion of poly(ether-block-amide) thermoplastic elastomer (Pebax□): the influence of chemical and crystal change on mechanical properties. *Polymer International*, **2021**, 70, 1621	3.3	
179	Switchable Chiroptical Flexible Films Based on Chiral Helical Superstructure: Handedness Inversion and Dissymmetric Adjustability by Stretching. *Advanced Functional Materials*, **2021**, 31, 2105315	15.6	7
178	Biomass-Derived Acetylenic Polymer Monoliths Prepared by High Internal Phase Emulsion Template Method and Used for Adsorbing Cationic Pollutants. *Macromolecular Chemistry and Physics*, **2021**, 222, 2000448	2.6	3
177	Chiral Graphene Hybrid Materials: Structures, Properties, and Chiral Applications. *Advanced Science*, **2021**, 8, 2003681	13.6	16
176	Chiral Helical Polymer/Perovskite Hybrid Nanofibers with Intense Circularly Polarized Luminescence. *ACS Nano*, **2021**, 15, 7463-7471	16.7	30
175	Preparation and Chiral Applications of Optically Active Polyamides. *Macromolecular Rapid Communications*, **2021**, 42, e2100341	4.8	1
174	Chiral magnetic hybrid materials constructed from macromolecules and their chiral applications. *Nanoscale*, **2021**, 13, 11765-11780	7.7	3
173	Recent advances, challenges and perspectives in enantioselective release. *Journal of Controlled Release*, **2020**, 324, 156-171	11.7	11
172	Electrospinning chiral fluorescent nanofibers from helical polyacetylene: preparation and enantioselective recognition ability. *Nanoscale Advances*, **2020**, 2, 1301-1308	5.1	4
171	Electrospinning Janus Type CoOx/C Nanofibers as Electrocatalysts for Oxygen Reduction Reaction. *Advanced Fiber Materials*, **2020**, 2, 85-92	10.9	19
170	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	5.5	3

169	Optically active hybrid particles constructed by chiral helical substituted polyacetylene and POSS. *Journal of Applied Polymer Science*, **2020**, 137, 49167	2.9	3
168	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	9.5	17
167	Helix-sense-selective surface grafting polymerization for preparing optically active hybrid microspheres. *Polymer Chemistry*, **2020**, 11, 1637-1645	4.9	2
166	Multifarious Chiral Nanoarchitectures Serving as Handed-Selective Fluorescence Filters for Generating Full-Color Circularly Polarized Luminescence. *ACS Nano*, **2020**, 14, 3208-3218	16.7	47
165	Aldehyde-containing nanofibers electrospun from biomass vanillin-derived polymer and their application as adsorbent. *Separation and Purification Technology*, **2020**, 246, 116916	8.3	9
164	Preparation and Chirality Investigation of Electrospun Nanofibers from Optically Active Helical Substituted Polyacetylenes. *Macromolecules*, **2020**, 53, 602-608	5.5	12
163	Flexible Janus Electrospun Nanofiber Films for Wearable Triboelectric Nanogenerator. *Advanced Materials Technologies*, **2020**, 5, 1900859	6.8	13
162	In situ polymerization of flame retardant modification polyamide 6,6 with 2-carboxy ethyl (phenyl) phosphinic acid. *Journal of Applied Polymer Science*, **2020**, 137, 48687	2.9	3
161	Stimuli-responsive circularly polarized luminescent films with tunable emission. *Journal of Materials Chemistry C*, **2020**, 8, 1459-1465	7.1	27
160	Color-Tunable Circularly Polarized Luminescence with Helical Polyacetylenes as Fluorescence Converters. *Advanced Optical Materials*, **2020**, 8, 2000858	8.1	20
159	Chiral helical polymer materials derived from achiral monomers and their chiral applications. *Polymer Chemistry*, **2020**, 11, 5407-5423	4.9	16
158	Aggregation-Induced Emission-Active Chiral Helical Polymers Show Strong Circularly Polarized Luminescence in Thin Films. *Macromolecules*, **2020**, 53, 8041-8049	5.5	31
157	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	5.5	8
156	Skin-inspired flexible and high-sensitivity pressure sensors based on rGO films with continuous-gradient wrinkles. *Nanoscale*, **2019**, 11, 4258-4266	7.7	89
155	A One-Pot Polymerization for Concurrently Inducing Predominant Helicity in Optically Inactive Helical Polymer and Constructing Graphene-Based Chiral Hybrid Foams. *Macromolecular Rapid Communications*, **2019**, 40, e1900146	4.8	2
154	Immobilizing cellulase on multi-layered magnetic hollow particles: Preparation, bio-catalysis and adsorption performances. *Microporous and Mesoporous Materials*, **2019**, 285, 112-119	5.3	12
153	Chiral, thermal-responsive hydrogels containing helical hydrophilic polyacetylene: preparation and enantio-differentiating release ability. *Polymer Chemistry*, **2019**, 10, 1780-1786	4.9	12
152	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	3.9	11

151	Chiral helical disubstituted polyacetylenes form optically active particles through precipitation polymerization. *Polymer Chemistry*, **2019**, 10, 2290-2297	4.9	4
150	Chiral helical substituted polyacetylene grafted on hollow polymer particles: preparation and enantioselective adsorption towards cinchona alkaloids. *Polymer Chemistry*, **2019**, 10, 4441-4448	4.9	8
149	Optically Active Biobased Hollow Polymer Particles: Preparation, Chiralization, and Adsorption toward Chiral Amines. *Industrial & Engineering Chemistry Research*, **2019**, 58, 4090-4098	3.9	9
148	Nonspherical chiral helical polymer particles with programmable morphology prepared by electrospraying. *Nanoscale*, **2019**, 11, 23197-23205	7.7	8
147	Green-solvent-processable strategies for achieving large-scale manufacture of organic photovoltaics. *Journal of Materials Chemistry A*, **2019**, 7, 22826-22847	13	46
146	Heat-resistant Poly(methyl methacrylate) Modified by Biomass Syringaldehyde Derivative: Preparation, Thermostability and Transparency. *Fibers and Polymers*, **2019**, 20, 2254-2260	2	2
145	Multi-functional stretchable sensors based on a 3D-rGO wrinkled microarchitecture. *Nanoscale Advances*, **2019**, 1, 4406-4414	5.1	5
144	Optically Active Microspheres Containing Schiff Base: Preparation and Enantio-Differentiating Release toward Drug Citronellal. *Industrial & Engineering Chemistry Research*, **2019**, 58, 1105-1113	3.9	7
143	Combining Chiral Helical Polymer with Achiral Luminophores for Generating Full-Color, On□Off, and Switchable Circularly Polarized Luminescence. *Macromolecules*, **2019**, 52, 376-384	5.5	56
142	Wavelength-Gradient Graphene Films for Pressure-Sensitive Sensors. *Advanced Materials Technologies*, **2019**, 4, 1800363	6.8	22
141	Biomass polymeric microspheres containing aldehyde groups: Immobilizing and controlled-releasing amino acids as green metal corrosion inhibitor. *Chemical Engineering Journal*, **2018**, 341, 146-156	14.7	21
140	Dispersion Polymerization of Substituted Acetylenes in the Presence of Chiral Source for Preparing Monodispersed Chiral Nanoparticles. *Macromolecular Rapid Communications*, **2018**, 39, e1700759	4.8	10
139	Chiral, crosslinked, and micron-sized spheres of substituted polyacetylene prepared by precipitation polymerization. *Polymer*, **2018**, 139, 76-85	3.9	11
138	Polylactide-based chiral particles with enantio-differentiating release ability. *Chemical Engineering Journal*, **2018**, 344, 262-269	14.7	12
137	Cellulose Concurrently Induces Predominantly One-Handed Helicity in Helical Polymers and Controls the Shape of Optically Active Particles Thereof. *Macromolecules*, **2018**, 51, 5656-5664	5.5	12
136	Seed-Surface Grafting Precipitation Polymerization for Preparing Microsized Optically Active Helical Polymer Core/Shell Particles and Their Application in Enantioselective Crystallization. *Macromolecular Rapid Communications*, **2018**, 39, e1800072	4.8	6
135	Poly(,-dimethylacrylamide-octadecyl acrylate)-clay hydrogels with high mechanical properties and shape memory ability.. *RSC Advances*, **2018**, 8, 16773-16780	3.7	16
134	Twisted bio-nanorods serve as a template for constructing chiroptically active nanoflowers. *Nanoscale*, **2018**, 10, 12163-12168	7.7	8

133	Chiral PLLA particles with tunable morphology and lamellar structure for enantioselective crystallization. *Journal of Materials Science*, **2018**, 53, 11932-11941	4.3	9
132	Preparation and Applications of Chiral Polymeric Particles. *Israel Journal of Chemistry*, **2018**, 58, 1286-1298	3.4	6
131	Chiral Helical Polymer Nanomaterials with Tunable Morphology: Prepared with Chiral Solvent To Induce Helix-Sense-Selective Precipitation Polymerization. *Macromolecules*, **2018**, 51, 8878-8886	5.5	30
130	Biomass ferulic acid-derived hollow polymer particles as selective adsorbent for anionic dye. *Reactive and Functional Polymers*, **2018**, 132, 9-18	4.6	9
129	Intense Circularly Polarized Luminescence Contributed by Helical Chirality of Monosubstituted Polyacetylenes. *Macromolecules*, **2018**, 51, 7104-7111	5.5	48
128	Chiral Particles Consisting of Helical Polylactide and Helical Substituted Polyacetylene: Preparation and Synergistic Effects in Enantio-Differentiating Release. *Macromolecules*, **2018**, 51, 4003-4011	5.5	21
127	Synthesis of biomass trans-anethole based magnetic hollow polymer particles and their applications as renewable adsorbent. *Chemical Engineering Journal*, **2018**, 352, 20-28	14.7	29
126	Emulsion Polymerization of Acetylenics for Constructing Optically Active Helical Polymer Nanoparticles. *Polymer Reviews*, **2017**, 57, 119-137	14	28
125	A chiral interpenetrating polymer network constructed by helical substituted polyacetylenes and used for glucose adsorption. *Polymer Chemistry*, **2017**, 8, 1426-1434	4.9	14
124	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	4.3	8
123	Helix-sense-selective co-precipitation for preparing optically active helical polymer nanoparticles/graphene oxide hybrid nanocomposites. *Nanoscale*, **2017**, 9, 6877-6885	7.7	15
122	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	8.3	22
121	Optically Active Helical Polyacetylene Self-Assembled into Chiral Micelles Used As Nanoreactor for Helix-Sense-Selective Polymerization. *ACS Macro Letters*, **2017**, 6, 6-10	6.6	19
120	Biomass trans-Anethole-Based Hollow Polymer Particles: Preparation and Application as Sustainable Absorbent. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 10011-10018	8.3	26
119	Helically twining polymerization for constructing polymeric double helices. *Polymer Chemistry*, **2017**, 8, 5726-5733	4.9	9
118	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	3.9	12
117	Graphene Oxide (GO) as Stabilizer for Preparing Chirally Helical Polyacetylene/GO Hybrid Microspheres via Suspension Polymerization. *Macromolecular Rapid Communications*, **2017**, 38, 1700452	4.8	7
116	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	3.9	11

115	Fabrication of Fe2O3@rGO/PAN Nanofiber Composite Membrane for Photocatalytic Degradation of Organic Dyes. *Advanced Materials Interfaces*, **2017**, 4, 1700845	4.6	32
114	Photocatalytic Degradation: Fabrication of Fe2O3@rGO/PAN Nanofiber Composite Membrane for Photocatalytic Degradation of Organic Dyes (Adv. Mater. Interfaces 24/2017). *Advanced Materials Interfaces*, **2017**, 4, 1770132	4.6	1
113	Effects of cosolvents on helical substituted polyacetylene particles prepared through suspension polymerization. *Journal of Polymer Science Part A*, **2017**, 55, 2670-2678	2.5	5
112	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	4.9	28
111	High Glass-Transition Temperature Acrylate Polymers Derived from Biomasses, Syringaldehyde, and Vanillin. *Macromolecular Chemistry and Physics*, **2016**, 217, 2402-2408	2.6	28
110	Renewable Microspheres Constructed by Methyl Isoeugenol-Derived Copolymers. *Macromolecular Chemistry and Physics*, **2016**, 217, 1792-1800	2.6	5
109	Chiral porous hybrid particles constructed by helical substituted polyacetylene covalently bonded organosilica for enantioselective release. *Journal of Materials Chemistry B*, **2016**, 4, 6437-6445	7.3	24
108	Helical Polymers Showing Inverse Helicity and Synergistic Effect in Chiral Catalysis: Catalytic Functionality Determining Enantioconfiguration and Helical Frameworks Providing Asymmetric Microenvironment. *Macromolecular Chemistry and Physics*, **2016**, 217, 880-888	2.6	5
107	Micelle-provided microenvironment facilitating the formation of single-handed helical polymer-based nanoparticles. *RSC Advances*, **2016**, 6, 59066-59072	3.7	4
106	Optically Active Particles with Tunable Morphology: Prepared by Embedding Graphene Oxide/Fe3O4 in Helical Polyacetylene. *ACS Applied Materials & Interfaces*, **2016**, 8, 16273-9	9.5	13
105	Biomass Vanillin-Derived Polymeric Microspheres Containing Functional Aldehyde Groups: Preparation, Characterization, and Application as Adsorbent. *ACS Applied Materials & Interfaces* , **2016**, 8, 2753-63	9.5	29
104	Optically active hollow nanoparticles constructed by chirally helical substituted polyacetylene. *Polymer Chemistry*, **2016**, 7, 1675-1681	4.9	27
103	Biobased Microspheres Consisting of Poly(trans-anethole-co-maleic anhydride) Prepared by Precipitation Polymerization and Adsorption Performance. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 1446-1453	8.3	18
102	Optically Active Hybrid Materials Constructed from Helically Substituted Polyacetylenes. *Chemical Record*, **2016**, 16, 964-76	6.6	6
101	Emulsification-Induced Homohelicity in Racemic Helical Polymer for Preparing Optically Active Helical Polymer Nanoparticles. *Macromolecular Rapid Communications*, **2016**, 37, 568-74	4.8	14
100	Chiral, pH responsive hydrogels constructed by N-Acryloyl-alanine and PEGDA/CD inclusion complex: preparation and chiral release ability. *Polymers for Advanced Technologies*, **2016**, 27, 169-177	3.2	9
99	Emulsion copolymerization of substituted acetylenes for constructing optically active helical polymer nanoparticles. Synergistic effects and helicity inversion. *Journal of Polymer Science Part A*, **2016**, 54, 1679-1685	2.5	2
98	Biomass trans-anethole-based heat-resistant copolymer microspheres: Preparation and thermostability. *Materials Today Communications*, **2016**, 9, 60-66	2.5	6

97	Hydrophobic association hydrogels based on N-acryloyl-alanine and stearyl acrylate using gelatin as emulsifier. *RSC Advances*, **2016**, 6, 38957-38963	3.7	4
96	Materials Established for Enantioselective Release of Chiral Compounds. *Industrial & Engineering Chemistry Research*, **2016**, 55, 6037-6048	3.9	22
95	Optically Active Physical Gels with Chiral Memory Ability: Directly Prepared by Helix-Sense-Selective Polymerization. *Macromolecules*, **2016**, 49, 2948-2956	5.5	32
94	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, 12494-503	9.5	38
93	Alkynylated Cellulose Nanocrystals Simultaneously Serving as Chiral Source and Stabilizing Agent for Constructing Optically Active Helical Polymer Particles. *Macromolecules*, **2016**, 49, 7728-7736	5.5	15
92	Boronic acid-containing optically active microspheres: Preparation, chiral adsorption and chirally controlled release towards drug DOPA. *Chemical Engineering Journal*, **2016**, 306, 1162-1171	14.7	15
91	Bioinspired hybrid material composed of helical polymer grafts and graphene oxide: Reversible transformation of particulate and extended structures of the grafts and application in chiral enrichment. *Polymer*, **2016**, 101, 284-290	3.9	6
90	Sergeants and soldiers rule in helical substituted polyacetylene-derived copolymer nanoparticles. *Colloid and Polymer Science*, **2015**, 293, 349-355	2.4	6
89	Chiral monolithic absorbent constructed by optically active helical-substituted polyacetylene and graphene oxide: preparation and chiral absorption capacity. *Macromolecular Rapid Communications*, **2015**, 36, 319-26	4.8	16
88	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	4.6	8
87	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	6.6	16
86	Renewable Eugenol-Based Polymeric Oil-Absorbent Microspheres: Preparation and Oil Absorption Ability. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 599-605	8.3	59
85	Chiral, fluorescent microparticles constructed by optically active helical substituted polyacetylene: preparation and enantioselective recognition ability. *RSC Advances*, **2015**, 5, 26236-26245	3.7	16
84	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	6.6	23
83	Fabrication of optically active microparticles constructed by helical polymer/quinine and their application to asymmetric Michael addition. *Polymer*, **2015**, 80, 115-122	3.9	15
82	Helical Polymer Particles Derived from Aromatic Acetylenics and Prepared by Suspension Polymerization. *Macromolecular Chemistry and Physics*, **2015**, 216, 1963-1971	2.6	3
81	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	17
80	Helix-Sense-Selective Precipitation Polymerization of Achiral Monomer for Preparing Optically Active Helical Polymer Particles. *Macromolecules*, **2015**, 48, 3406-3413	5.5	45

79	Chiral, pH-sensitive polyacrylamide hydrogels: Preparation and enantio-differentiating release ability. *Polymer*, **2015**, 68, 246-252	3.9	17
78	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	3.9	16
77	The first suspension polymerization for preparing optically active microparticles purely constructed from chirally helical substituted polyacetylenes. *Macromolecular Rapid Communications*, **2014**, 35, 1216-23	4.8	28
76	A facile method for preparing porous, optically active, magnetic Fe3 O4 @poly(N-acryloyl-leucine) inverse core/shell composite microspheres. *Macromolecular Rapid Communications*, **2014**, 35, 91-6	4.8	8
75	Helical substituted polyacetylene-derived fluorescent microparticles prepared by precipitation polymerization. *Macromolecular Rapid Communications*, **2014**, 35, 908-15	4.8	13
74	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	3.9	18
73	Optically active microspheres constructed by helical substituted polyacetylene and used for adsorption of organic compounds in aqueous systems. *ACS Applied Materials & Interfaces*, **2014**, 6, 19041-9	9.5	21
72	Chiral functionalization of graphene oxide by optically active helical-substituted polyacetylene chains and its application in enantioselective crystallization. *ACS Applied Materials & Interfaces*, **2014**, 6, 9790-8	9.5	32
71	pH-Sensitive Chiral Hydrogels Consisting of Poly(N-acryloyl-l-alanine) and Cyclodextrin: Preparation and Enantiodifferentiating Adsorption and Release Ability. *Industrial & Engineering Chemistry Research*, **2014**, 53, 8069-8078	3.9	12
70	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	9.6	43
69	Magnetic composite nanoparticles consisting of helical poly(n-hexyl isocyanate) and Fe3O4 prepared via click reaction. *RSC Advances*, **2014**, 4, 48796-48803	3.7	4
68	Optically active helical polyacetylene/Fe3O4 composite microspheres: prepared by precipitation polymerization and used for enantioselective crystallization. *RSC Advances*, **2014**, 4, 63611-63619	3.7	18
67	Particles of polyacetylene and its derivatives: preparation and applications. *Polymer Chemistry*, **2014**, 5, 1107-1118	4.9	49
66	Noncovalent chiral functionalization of graphene with optically active helical polymers. *Macromolecular Rapid Communications*, **2013**, 34, 1368-74	4.8	16
65	Optically active particles of chiral polymers. *Macromolecular Rapid Communications*, **2013**, 34, 1426-45	4.8	48
64	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	7.1	27
63	Cyclodextrin-based oil-absorbent microspheres: preparation and high oil absorbency. *Carbohydrate Polymers*, **2013**, 91, 217-23	10.3	43
62	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	4.9	38

61	Chiral pH-Responsive Amphiphilic Polymer Co-networks: Preparation, Chiral Recognition, and Release Abilities. *Macromolecular Chemistry and Physics*, **2013**, 214, 1375-1383	2.6	13
60	Optically active helical substituted polyacetylenes showing reversible helix inversion in emulsion and solution state. *Macromolecular Rapid Communications*, **2012**, 33, 212-7	4.8	15
59	New route to monodispersed amphiphilic core-shell polymer nanoparticles: Polymerization of styrene from -methylstyrene-containing macroinitiator. *Journal of Applied Polymer Science*, **2012**, 124, 4121-4126	2.9	5
58	Optically active thermosensitive amphiphilic polymer brushes based on helical polyacetylene: preparation through lick onto grafting method and self-assembly. *Polymer Bulletin*, **2012**, 69, 1023-1040	2.4	12
57	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	5.5	64
56	Chiral microspheres constructed by helical substituted polyacetylene: A new class of organocatalyst toward asymmetric catalysis. *Synthetic Metals*, **2012**, 162, 1858-1863	3.6	25
55	Heat-resistant poly(N-(1-phenylethyl)maleimide-co-styrene) microspheres prepared by dispersion polymerization. *Journal of Materials Chemistry*, **2012**, 22, 6697		8
54	Optically active core/shell nanoparticles prepared using self-assembled polymer micelle as reactive nanoreactor. *Journal of Polymer Science Part A*, **2012**, 50, 4415-4422	2.5	6
53	Aqueous Emulsion Polymerization of Substituted Acetylenes: Effects of Organic Solvent and Analysis of Blue Shifts and Emulsion Polymerization Mechanism. *Macromolecular Chemistry and Physics*, **2012**, 213, 603-609	2.6	6
52	Magnetic Fe3O4-PS-polyacetylene composite microspheres showing chirality derived from helical substituted polyacetylene. *Macromolecular Rapid Communications*, **2012**, 33, 672-7	4.8	29
51	Helical polymer as mimetic enzyme catalyzing asymmetric aldol reaction. *Macromolecular Rapid Communications*, **2012**, 33, 652-7	4.8	55
50	Oil-absorbent beads containing cyclodextrin moieties: preparation via suspension polymerization and high oil absorbency. *Polymers for Advanced Technologies*, **2012**, 23, 810-816	3.2	24
49	Novel optically active helical poly(N-propargylthiourea)s: synthesis, characterization and complexing ability toward Fe(III) ions. *Polymer Chemistry*, **2011**, 2, 2825	4.9	14
48	Optically Active Amphiphilic Polymer Brushes Based on Helical Polyacetylenes: Preparation and Self-Assembly into Core/Shell Particles. *Macromolecules*, **2011**, 44, 736-743	5.5	55
47	Optically Active Helical Substituted Polyacetylenes as Chiral Seeding for Inducing Enantioselective Crystallization of Racemic N-(tert-Butoxycarbonyl)alanine. *Macromolecules*, **2011**, 44, 7109-7114	5.5	27
46	Preparation of hydrophobic helical poly(N-propargylamide)s in aqueous medium via a monomer/cyclodextrin inclusion complex. *Polymer Chemistry*, **2011**, 2, 694-701	4.9	10
45	Synthesis and characterization of magnetic Fe3O4-silica-poly(benzyl-l-glutamate) composite microspheres. *Reactive and Functional Polymers*, **2011**, 71, 1040-1044	4.6	29
44	Chiral helical polyacetylene/vinyl polymer core/shell nanoparticles: preparation and application to optically active composite films. *Colloid and Polymer Science*, **2011**, 289, 133-139	2.4	8

43	Microspheres consisting of optically active helical substituted polyacetylenes: preparation via suspension polymerization and their chiral recognition/release properties. *Macromolecular Rapid Communications*, **2011**, 32, 1986-92	4.8	21
42	Hollow Two-Layered Chiral Nanoparticles Consisting of Optically Active Helical Polymer/Silica: Preparation and Application for Enantioselective Crystallization. *Advanced Functional Materials*, **2011**, 21, 2345-2350	15.6	115
41	Degradation and initiation polymerization mechanism of -methylstyrene-containing macroinitiators. *Journal of Applied Polymer Science*, **2011**, 120, 466-473	2.9	6
40	Helix-Sense-Selective Polymerization of Achiral Substituted Acetylenes in Chiral Micelles. *Angewandte Chemie*, **2011**, 123, 5011-5014	3.6	6
39	Helix-sense-selective polymerization of achiral substituted acetylenes in chiral micelles. *Angewandte Chemie - International Edition*, **2011**, 50, 4909-12	16.4	92
38	Synthesis of Sub-100 nm Nanoparticles by Emulsifier-free Emulsion Polymerization of -Methylstyrene, Methyl Methacrylate and Acrylic Acid. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2011**, 48, 846-850	2.2	6
37	A Novel Type of Mono-Substituted Polyacetylene: Synthesis and Characterization of Poly(N-Propargylthiourea)s. *Designed Monomers and Polymers*, **2011**, 14, 143-154	3.1	3
36	Synthesis and chiral recognition of optically active hydrogels containing helical polymer chains. *Polymer Chemistry*, **2010**, 1, 1030	4.9	41
35	Effect of solvents on polymerization of N-propargylamide monomer and secondary structure of polymer. *Polymer Chemistry*, **2010**, 1, 1633	4.9	1
34	Optically Active Helical Hybrid Organic–Inorganic Core/Shell Nanoparticles: Preparation and Application for Enantioselective Crystallization. *Macromolecules*, **2010**, 43, 9613-9619	5.5	51
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