Liming Jiang

List of Publications by Year
in descending order

59 papers	1,188 citations	471509 17 h-index	414414 32 g-index
61 all docs	61 docs citations	61 times ranked	1598 citing authors

#	Article	IF	Citations
1	Fusogenic Reactive Oxygen Species Triggered Chargeâ€Reversal Vector for Effective Gene Delivery. Advanced Materials, 2016, 28, 1743-1752.	21.0	288
2	A fluoride-selective colorimetric and fluorescent chemosensor and its use for the design of molecular-scale logic devices. Sensors and Actuators B: Chemical, 2011, 160, 1005-1010.	7.8	63
3	Biocompatible Cyclodextrin-Based Metalâ€“Organic Frameworks for Long-Term Sustained Release of Fragrances. Industrial & Engineering Chemistry Research, 2019, 58, 19767-19777.	3.7	58
4	CelluMOFs: Green, Facile, and Flexible Metalâ€Organic Frameworks for Versatile Applications. Advanced Functional Materials, 2021, 31, 2105395.	14.9	54
5	Synthesis and magnetic properties of novel poly(Schiff base)-Fe2+ complexes. Macromolecular Rapid Communications, 2000, 21, 1099-1102.	3.9	50
6	A simple and effective fluorescent chemosensor for the cascade recognition of Zn2+ and H2PO4â^' ions in protic media. Tetrahedron, 2014, 70, 1011-1015.	1.9	39
7	Encapsulation and controlled release of fragrances from functionalized porous metalâ€“organic frameworks. AICHE Journal, 2019, 65, 491-499.	3.6	39
8	A polymeric film probe with a turn-on fluorescence response to hydrogen sulfate ions in aqueous media. Journal of Materials Chemistry B, 2013, 1, 5014.	5.8	29
9	Polymerâ€based fluorideâ€selective chemosensor: Synthesis, sensing property, and its use for the design of molecularâ€scale logic devices. Journal of Polymer Science Part A, 2012, 50, 590-598.	2.3	28
10	Preparation and characterization of Ï‰-functionalized polystyreneâ€“magnetite nanocomposites. Materials Chemistry and Physics, 2007, 101, 291-296.	4.0	26
11	A pH-responsive fragrance release system based on pseudopeptide polymeric micelles. Reactive and Functional Polymers, 2018, 132, 138-144.	4.1	24
12	Encapsulation of Highly Volatile Fragrances in Y Zeolites for Sustained Release: Experimental and Theoretical Studies. ACS Omega, 2020, 5, 31925-31935.	3.5	23
13	Optically active polymethacrylamides bearing a bulky oxazoline pendant: Synthesis and characterization. Reactive and Functional Polymers, 2007, 67, 636-643.	4.1	22
14	Synthesis and anionic polymerization of optically active N-phenylmaleimides bearing bulky oxazoline substituents. European Polymer Journal, 2005, 41, 2592-2601.	5.4	21
15	A microsatellite genetic linkage map of half smooth tongue sole (Cynoglossus semilaevis). Marine Genomics, 2013, 9, 17-23.	1.1	20
16	Effective intracellular delivery and Th1 immune response induced by ovalbumin loaded in pH-responsive polyphosphazene polymersomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1609-1618.	3.3	19
17	All-Aqueous Direct Deposition of Fragrance-Loaded Nanoparticles onto Fabric Surfaces by Electrospraying. ACS Applied Polymer Materials, 2019, 1, 2590-2596.	4.4	18
18	Living cationic ring-opening polymerization of 2-oxazolines initiated by rare-earth metal triflates. RSC Advances, 2014, 4, 59917-59926.	3.6	17

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19	Metal-induced supramolecular chirality in optically active polymers of oxazoline-substitutedN-phenylmaleimides. Chirality, 2007, 19, 521-527.	2.6	16
20	Optically active polyacrylamides bearing an oxazoline pendant: Influence of stereoregularity on both chiroptical properties and chiral recognition. Journal of Polymer Science Part A, 2010, 48, 5411-5418.	2.3	16
21	Properties of Electrospun Nanofibers of Multi-Block Copolymers of [Poly-Î¼-caprolactone-b-poly(tetrahydrofuran-co-Î¼-caprolactone)]m Synthesized by Janus Polymerization. Polymers, 2017, 9, 559.	4.5	16
22	Poly(N-phenylmaleimides) bearing chiral oxazolinyl pendant: Supramolecular aggregation and enantioselectivity in fluorescence response. Polymer, 2008, 49, 2065-2070.	3.8	15
23	Styrene polymerization with rare earth catalysts using a magnesium alkyl cocatalyst. Journal of Polymer Science Part A, 2003, 34, 3519-3525.	2.3	14
24	LuxS quorum sensing system mediating Lactobacillus plantarum probiotic characteristics. Archives of Microbiology, 2021, 203, 4141-4148.	2.2	14
25	Synthesis of ultra-high molecular weight polystyrene with rare earth-magnesium alkyl catalyst system: general features of bulk polymerization. Polymer International, 2001, 50, 63-66.	3.1	13
26	Ring-opening polymerization of É›-caprolactone with a divalent samarium bis(phosphido) complex. Journal of Applied Polymer Science, 2005, 98, 1558-1564.	2.6	13
27	Synthesis and characterization of optically active star-shaped poly (N-phenylmaleimide)s with a calixarene core. Polymer International, 2007, 56, 796-802.	3.1	13
28	Optically active copolymers of N-(oxazolinyl)phenylmaleimides with methyl methacrylate: Synthesis and chiral recognition ability. Polymer, 2009, 50, 404-409.	3.8	13
29	A chiral polymerâ€based turnâ€on fluorescent sensor for specific recognition of hydrogen sulfate. Journal of Polymer Science Part A, 2012, 50, 4191-4197.	2.3	13
30	A chiroptical nanoprobe for highly selective recognition of histidine enantiomers in aqueous media. Sensors and Actuators B: Chemical, 2019, 284, 55-62.	7.8	13
31	A novel bithiazole-containing polymeric complex with soft ferromagnetism. Polymers for Advanced Technologies, 2005, 16, 646-649.	3.2	12
32	A novel optically active diblock copolymer composed of poly(ethylene glycol) and poly[Nâ€{oâ€(4â€phenylâ€4,5â€dihydroâ€1,3â€oxazolâ€2â€yl)phenyl}maleimide]: Synthesis, micellization behavior, and chiroptical property. Journal of Polymer Science Part A, 2008, 46, 1025-1033.	2.3	12
33	Gene Delivery: Fusogenic Reactive Oxygen Species Triggered Chargeâ€Reversal Vector for Effective Gene Delivery (Adv. Mater. 9/2016). Advanced Materials, 2016, 28, 1714-1714.	21.0	11
34	Novel amphiphilic poly(2-oxazoline)s bearing l-prolinamide moieties as the pendants: Synthesis, micellization and catalytic activity in aqueous aldol reaction. Polymer, 2016, 102, 33-42.	3.8	11
35	Zwitterionic copolymerization of Î³-butyrolactone with 3,3-bis(chloromethyl) oxacyclobutane catalyzed by scandium triflates. Polymer Chemistry, 2020, 11, 1845-1851.	3.9	11
36	Syntheses and magnetic properties of novel bithiazole-containing polymeric complexes. Journal of Applied Polymer Science, 2001, 81, 1353-1359.	2.6	10

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37	Synthesis and polymerization of novel N-substituted maleimides containing an oxazoline group. Polymer Bulletin, 2004, 52, 1.	3.3	10
38	Novel poly(2-oxazoline)s with pendant <scp>l</scp>-prolinamide moieties as efficient organocatalysts for direct asymmetric aldol reaction. Catalysis Science and Technology, 2016, 6, 6739-6749.	4.1	9
39	A polymer-based probe for specific discrimination of cysteine. Organic and Biomolecular Chemistry, 2017, 15, 4859-4866.	2.8	9
40	A novel photothermo-responsive nanocarrier for the controlled release of low-volatile fragrances. RSC Advances, 2020, 10, 14867-14876.	3.6	9
41	Tuning the release rate of volatile molecules by pore surface engineering in metal-organic frameworks. Chinese Chemical Letters, 2021, 32, 1988-1992.	9.0	9
42	Synthesis of star-shaped poly(Îµ-caprolactone) by samarium-based tetrafunctional initiator and its dilute-solution properties. Journal of Applied Polymer Science, 2006, 102, 175-182.	2.6	8
43	Synthesis and magnetic properties of novel poly(N-2-thiazolyl(meth)acrylamide)-Fe(II) complexes. Journal of Applied Polymer Science, 2005, 98, 83-87.	2.6	7
44	Encapsulation of fragrances in micron-size silk fibroin carriers via coaxial electrohydrodynamic techniques. Materials Chemistry and Physics, 2021, 260, 124167.	4.0	7
45	Synthesis and selective recognition toward zinc ion of chiral poly(imine-triazole). Journal of Polymer Science Part A, 2014, 52, 2248-2257.	2.3	6
46	A Pseudopeptide Polymer Micelle Used for Asymmetric Catalysis of the Aldol Reaction in Water. Polymers, 2018, 10, 1004.	4.5	6
47	Synthesis and evaluation of pseudopeptide chiral stationary phases for enantioselective resolution. Journal of Chromatography A, 2017, 1521, 53-62.	3.7	5
48	Novel Sm(PPh 2) 2 initiator for the synthesis of poly(Îµ-caprolactone) with linear and star-shaped structuresÂ§. Polymer Bulletin, 2002, 49, 17-23.	3.3	4
49	Polymerization of N-phenylmaleimide with rare earth coordination catalysts. Macromolecular Rapid Communications, 1996, 17, 427-431.	3.9	3
50	A new nonhydrolytic synthesis of magnetite nanocrystallites in the presence of ï‰-functionalized polystyrene matrix. Journal of Applied Polymer Science, 2006, 101, 186-191.	2.6	3
51	A chiroptical chemodosimeter for fast and specific detection of mercury(ii) ions in aqueous media. Analytical Methods, 2015, 7, 8550-8553.	2.7	3
52	Silica Nanoparticle Deposition on Natural Fibrous Substrates: Kinetic and Thermodynamic Studies. Industrial & Engineering Chemistry Research, 2021, 60, 9500-9507.	3.7	3
53	Fibrous pore structure of silk fabric, cattle leather and wallpaper base paper and their adsorption properties. Scientia Sinica Chimica, 2019, 49, 619-624.	0.4	3
54	A breathing A4 paper by in situ growth of green metalâ€“organic frameworks for air freshening and cleaning. Chinese Journal of Chemical Engineering, 2022, 52, 95-102.	3.5	3

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55	Bithiazole-containing polymeric complex and PVA composite film: Preparation and magnetic properties. Journal of Applied Polymer Science, 2004, 93, 1264-1270.	2.6	2
56	Nanotechnology in fragrances: current status and future prospects. Scientia Sinica Chimica, 2019, 49, 575-580.	0.4	2
57	SYNTHESIS AND CHIROPTICAL PROPERTY OF <I>N</I>-(<I>o</I>-OXAZOLINEPHENYL)METHACRYLAMIDE BASED OPTICACLLY ACTIVE POLYMERS. Acta Polymerica Sinica, 2009, 009, 775-780.	0.0	2
58	Bioinspired Polymer-Bound Organocatalysts for Direct Asymmetric Aldol Reaction: Experimental and Computational Studies. Catalysts, 2019, 9, 398.	3.5	1
59	Analysis of new microsatellite markers developed from reported sequences of Japanese flounder Paralichthys olivaceus. Journal of Ocean University of China, 2010, 9, 365-370.	1.2	0