

Liming Jiang

List of Publications by Year in descending order

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59
papers

1,188
citations

471371

17
h-index

414303

32
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61
all docs

61
docs citations

61
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Fusogenic Reactive Oxygen Species Triggered Charge-Reversal Vector for Effective Gene Delivery. <i>Advanced Materials</i> , 2016, 28, 1743-1752.	11.1	288
2	A fluoride-selective colorimetric and fluorescent chemosensor and its use for the design of molecular-scale logic devices. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1005-1010.	4.0	63
3	Biocompatible Cyclodextrin-Based Metal-Organic Frameworks for Long-Term Sustained Release of Fragrances. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19767-19777.	1.8	58
4	CelluMOFs: Green, Facile, and Flexible Metal-Organic Frameworks for Versatile Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2105395.	7.8	54
5	Synthesis and magnetic properties of novel poly(Schiff base)-Fe ²⁺ complexes. <i>Macromolecular Rapid Communications</i> , 2000, 21, 1099-1102.	2.0	50
6	A simple and effective fluorescent chemosensor for the cascade recognition of Zn ²⁺ and H ₂ PO ₄ ²⁻ ions in protic media. <i>Tetrahedron</i> , 2014, 70, 1011-1015.	1.0	39
7	Encapsulation and controlled release of fragrances from functionalized porous metal-organic frameworks. <i>AIChE Journal</i> , 2019, 65, 491-499.	1.8	39
8	A polymeric film probe with a turn-on fluorescence response to hydrogen sulfate ions in aqueous media. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5014.	2.9	29
9	Polymer-based fluoride-selective chemosensor: Synthesis, sensing property, and its use for the design of molecular-scale logic devices. <i>Journal of Polymer Science Part A</i> , 2012, 50, 590-598.	2.5	28
10	Preparation and characterization of f%o-functionalized polystyrene-magnetite nanocomposites. <i>Materials Chemistry and Physics</i> , 2007, 101, 291-296.	2.0	26
11	A pH-responsive fragrance release system based on pseudopeptide polymeric micelles. <i>Reactive and Functional Polymers</i> , 2018, 132, 138-144.	2.0	24
12	Encapsulation of Highly Volatile Fragrances in Y Zeolites for Sustained Release: Experimental and Theoretical Studies. <i>ACS Omega</i> , 2020, 5, 31925-31935.	1.6	23
13	Optically active polymethacrylamides bearing a bulky oxazoline pendant: Synthesis and characterization. <i>Reactive and Functional Polymers</i> , 2007, 67, 636-643.	2.0	22
14	Synthesis and anionic polymerization of optically active N-phenylmaleimides bearing bulky oxazoline substituents. <i>European Polymer Journal</i> , 2005, 41, 2592-2601.	2.6	21
15	A microsatellite genetic linkage map of half smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Marine Genomics</i> , 2013, 9, 17-23.	0.4	20
16	Effective intracellular delivery and Th1 immune response induced by ovalbumin loaded in pH-responsive polyphosphazene polymersomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1609-1618.	1.7	19
17	All-Aqueous Direct Deposition of Fragrance-Loaded Nanoparticles onto Fabric Surfaces by Electro spraying. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2590-2596.	2.0	18
18	Living cationic ring-opening polymerization of 2-oxazolines initiated by rare-earth metal triflates. <i>RSC Advances</i> , 2014, 4, 59917-59926.	1.7	17

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19	Metal-induced supramolecular chirality in optically active polymers of oxazoline-substituted N-phenylmaleimides. <i>Chirality</i> , 2007, 19, 521-527.	1.3	16
20	Optically active polyacrylamides bearing an oxazoline pendant: Influence of stereoregularity on both chiroptical properties and chiral recognition. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5411-5418.	2.5	16
21	Properties of Electrospun Nanofibers of Multi-Block Copolymers of [Poly(μ -caprolactone- <i>b</i> -poly(tetrahydrofuran-co- μ -caprolactone))] <i>m</i> Synthesized by Janus Polymerization. <i>Polymers</i> , 2017, 9, 559.	2.0	16
22	Poly(N-phenylmaleimides) bearing chiral oxazolanyl pendant: Supramolecular aggregation and enantioselectivity in fluorescence response. <i>Polymer</i> , 2008, 49, 2065-2070.	1.8	15
23	Styrene polymerization with rare earth catalysts using a magnesium alkyl cocatalyst. <i>Journal of Polymer Science Part A</i> , 2003, 34, 3519-3525.	2.5	14
24	LuxS quorum sensing system mediating <i>Lactobacillus plantarum</i> probiotic characteristics. <i>Archives of Microbiology</i> , 2021, 203, 4141-4148.	1.0	14
25	Synthesis of ultra-high molecular weight polystyrene with rare earth-magnesium alkyl catalyst system: general features of bulk polymerization. <i>Polymer International</i> , 2001, 50, 63-66.	1.6	13
26	Ring-opening polymerization of ϵ -caprolactone with a divalent samarium bis(phosphido) complex. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1558-1564.	1.3	13
27	Synthesis and characterization of optically active star-shaped poly (N-phenylmaleimide)s with a calixarene core. <i>Polymer International</i> , 2007, 56, 796-802.	1.6	13
28	Optically active copolymers of N-(oxazolanyl)phenylmaleimides with methyl methacrylate: Synthesis and chiral recognition ability. <i>Polymer</i> , 2009, 50, 404-409.	1.8	13
29	A chiral polymer-based turn-on fluorescent sensor for specific recognition of hydrogen sulfate. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4191-4197.	2.5	13
30	A chiroptical nanoprobe for highly selective recognition of histidine enantiomers in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 55-62.	4.0	13
31	A novel bithiazole-containing polymeric complex with soft ferromagnetism. <i>Polymers for Advanced Technologies</i> , 2005, 16, 646-649.	1.6	12
32	A novel optically active diblock copolymer composed of poly(ethylene glycol) and poly[<i>N</i> -(4,5-dihydro-1,3-oxazol-2-yl)phenyl]maleimide]: Synthesis, micellization behavior, and chiroptical property. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1025-1033.	1.2	12
33	Gene Delivery: Fusogenic Reactive Oxygen Species Triggered Charge Reversal Vector for Effective Gene Delivery (<i>Adv. Mater.</i> 9/2016). <i>Advanced Materials</i> , 2016, 28, 1714-1714.	11.1	11
34	Novel amphiphilic poly(2-oxazoline)s bearing L-prolinamide moieties as the pendants: Synthesis, micellization and catalytic activity in aqueous aldol reaction. <i>Polymer</i> , 2016, 102, 33-42.	1.8	11
35	Zwitterionic copolymerization of β -butyrolactone with 3,3-bis(chloromethyl) oxacyclobutane catalyzed by scandium triflates. <i>Polymer Chemistry</i> , 2020, 11, 1845-1851.	1.9	11
36	Syntheses and magnetic properties of novel bithiazole-containing polymeric complexes. <i>Journal of Applied Polymer Science</i> , 2001, 81, 1353-1359.	1.3	10

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37	Synthesis and polymerization of novel N-substituted maleimides containing an oxazoline group. <i>Polymer Bulletin</i> , 2004, 52, 1.	1.7	10
38	Novel poly(2-oxazoline)s with pendant α -prolinamide moieties as efficient organocatalysts for direct asymmetric aldol reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 6739-6749.	2.1	9
39	A polymer-based probe for specific discrimination of cysteine. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4859-4866.	1.5	9
40	A novel photothermo-responsive nanocarrier for the controlled release of low-volatile fragrances. <i>RSC Advances</i> , 2020, 10, 14867-14876.	1.7	9
41	Tuning the release rate of volatile molecules by pore surface engineering in metal-organic frameworks. <i>Chinese Chemical Letters</i> , 2021, 32, 1988-1992.	4.8	9
42	Synthesis of star-shaped poly(μ -caprolactone) by samarium-based tetrafunctional initiator and its dilute-solution properties. <i>Journal of Applied Polymer Science</i> , 2006, 102, 175-182.	1.3	8
43	Synthesis and magnetic properties of novel poly(N-2-thiazolyl(meth)acrylamide)-Fe(II) complexes. <i>Journal of Applied Polymer Science</i> , 2005, 98, 83-87.	1.3	7
44	Encapsulation of fragrances in micron-size silk fibroin carriers via coaxial electrohydrodynamic techniques. <i>Materials Chemistry and Physics</i> , 2021, 260, 124167.	2.0	7
45	Synthesis and selective recognition toward zinc ion of chiral poly(imine-triazole). <i>Journal of Polymer Science Part A</i> , 2014, 52, 2248-2257.	2.5	6
46	A Pseudopeptide Polymer Micelle Used for Asymmetric Catalysis of the Aldol Reaction in Water. <i>Polymers</i> , 2018, 10, 1004.	2.0	6
47	Synthesis and evaluation of pseudopeptide chiral stationary phases for enantioselective resolution. <i>Journal of Chromatography A</i> , 2017, 1521, 53-62.	1.8	5
48	Novel Sm(PPh ₂) ₂ initiator for the synthesis of poly(μ -caprolactone) with linear and star-shaped structures. <i>Polymer Bulletin</i> , 2002, 49, 17-23.	1.7	4
49	Polymerization of N-phenylmaleimide with rare earth coordination catalysts. <i>Macromolecular Rapid Communications</i> , 1996, 17, 427-431.	2.0	3
50	A new nonhydrolytic synthesis of magnetite nanocrystallites in the presence of γ -functionalized polystyrene matrix. <i>Journal of Applied Polymer Science</i> , 2006, 101, 186-191.	1.3	3
51	A chiroptical chemodosimeter for fast and specific detection of mercury(II) ions in aqueous media. <i>Analytical Methods</i> , 2015, 7, 8550-8553.	1.3	3
52	Silica Nanoparticle Deposition on Natural Fibrous Substrates: Kinetic and Thermodynamic Studies. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 9500-9507.	1.8	3
53	Fibrous pore structure of silk fabric, cattle leather and wallpaper base paper and their adsorption properties. <i>Scientia Sinica Chimica</i> , 2019, 49, 619-624.	0.2	3
54	A breathing A4 paper by in situ growth of green metal-organic frameworks for air freshening and cleaning. <i>Chinese Journal of Chemical Engineering</i> , 2022, 52, 95-102.	1.7	3

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55	Bithiazole-containing polymeric complex and PVA composite film: Preparation and magnetic properties. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1264-1270.	1.3	2
56	Nanotechnology in fragrances: current status and future prospects. <i>Scientia Sinica Chimica</i> , 2019, 49, 575-580.	0.2	2
57	SYNTHESIS AND CHIROPTICAL PROPERTY OF N-(O-OXAZOLINEPHENYL)METHACRYLAMIDE BASED OPTICALLY ACTIVE POLYMERS. <i>Acta Polymerica Sinica</i> , 2009, 009, 775-780.	0.0	2
58	Bioinspired Polymer-Bound Organocatalysts for Direct Asymmetric Aldol Reaction: Experimental and Computational Studies. <i>Catalysts</i> , 2019, 9, 398.	1.6	1
59	Analysis of new microsatellite markers developed from reported sequences of Japanese flounder <i>Paralichthys olivaceus</i> . <i>Journal of Ocean University of China</i> , 2010, 9, 365-370.	0.6	0