Min-Hui Li

List of Publications by Year
in descending order

61 papers	3,420 citations	159585 30 h-index	138484 58 g-index
64 all docs	64 docs citations	64 times ranked	3476 citing authors

#	Article	IF	Citations
1	Large-Size Honeycomb-Shaped and Iris-Like Liquid Crystal Elastomer Actuators. CCS Chemistry, 2022, 4, 847-854.	7.8	10
2	Polymersomes with a smectic liquid crystal structure and AIE fluorescence. Polymer Chemistry, 2022, 13, 1107-1115.	3.9	5
3	Deep-Red Aggregation-Induced Emission Luminogen Based on Dithiofuvalene-Fused Benzothiadiazole for Lipid Droplet-Specific Imaging. , 2022, 4, 159-164.		28
4	Nanoporous Vesicular Membranes of Amphiphilic Polymers Containing <i>Trans</i> / <i>Cis</i> Isomers. CCS Chemistry, 2022, 4, 2651-2661.	7.8	6
5	Unusual light-driven amplification through unexpected regioselective photogeneration of five-membered azaheterocyclic AIEgen. Chemical Science, 2021, 12, 709-717.	7.4	23
6	Fabrication of chiral polydiacetylene nanotubes <i>via</i> supramolecular gelation of a triterpenoid-derived amphiphile. Materials Advances, 2021, 2, 3014-3019.	5.4	2
7	Fluorescent polymer cubosomes and hexosomes with aggregation-induced emission. Chemical Science, 2021, 12, 5495-5504.	7.4	31
8	Natural glycyrrhizic acid: improving stress relaxation rate and glass transition temperature simultaneously in epoxy vitrimers. Green Chemistry, 2021, 23, 5647-5655.	9.0	33
9	Recent Progress in Polymer Cubosomes and Hexosomes. Macromolecular Rapid Communications, 2021, 42, e2100194.	3.9	19
10	Amphiphilic polymers for aggregation-induced emission at air/liquid interfaces. Journal of Colloid and Interface Science, 2021, 596, 324-331.	9.4	8
11	Trans/cis-stereoisomers of triterpenoid-substituted tetraphenylethene: aggregation-induced emission, aggregate morphology, and mechano-chromism. Nanoscale, 2021, 13, 15257-15266.	5.6	9
12	Light-Gated Nano-Porous Capsules from Stereoisomer-Directed Self-Assemblies. ACS Nano, 2021, 15, 884-893.	14.6	27
13	Customizable Sophisticated Three-Dimensional Shape Changes of Large-Size Liquid Crystal Elastomer Actuators. ACS Applied Materials & Interfaces, 2021, 13, 54439-54446.	8.0	13
14	Synthesis and self-assembly of poly(ethylene glycol)-block-poly(N-3-(methylthio)propyl glycine) and their oxidation-sensitive polymersomes. Chinese Chemical Letters, 2020, 31, 1931-1935.	9.0	19
15	A simple PVA/Cu(OAc)2 thermogel with an inherent near-infrared light response and its applications in smart windows and photoresistors. Journal of Materials Chemistry A, 2020, 8, 17800-17807.	10.3	10
16	Biobased thermosensitive polyrotaxanes constructed by polymerization of cyclodextrin-triterpenoid inclusion complexes. Polymer Chemistry, 2020, 11, 6492-6498.	3.9	1
17	Plasmaâ€Induced Polymerizations: A New Synthetic Entry in Liquid Crystal Elastomer Actuators. Macromolecular Rapid Communications, 2020, 41, e2000385.	3.9	2
18	Color Modulation in <i>Morpho</i> Butterfly Wings Using Liquid Crystalline Elastomers. Advanced Intelligent Systems, 2020, 2, 2000035.	6.1	13

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19	Cancer cell discrimination and dynamic viability monitoring through wash-free bioimaging using AIEgens. Chemical Science, 2020, 11, 7676-7684.	7.4	45
20	Fully Biobased Vitrimers from Glycyrrhizic Acid and Soybean Oil for Self-Healing, Shape Memory, Weldable, and Recyclable Materials. ACS Sustainable Chemistry and Engineering, 2020, 8, 6479-6487.	6.7	134
21	Oxidation-Sensitive Polymersomes Based on Amphiphilic Diblock Copolypeptoids. Biomacromolecules, 2019, 20, 3435-3444.	5.4	40
22	Tough Polymeric Hydrogels Formed by Natural Glycyrrhetinic Acid-Tailored Hostâ€“Guest Macro-Cross-Linking toward Biocompatible Materials. ACS Applied Polymer Materials, 2019, 1, 2577-2581.	4.4	5
23	Recent Progress in Fluorescent Vesicles with Aggregation-induced Emission. Chinese Journal of Polymer Science (English Edition), 2019, 37, 352-371.	3.8	21
24	CO₂â€Activated Reversible Transition between Polymersomes and Micelles with AIE Fluorescence. Angewandte Chemie - International Edition, 2019, 58, 10260-10265.	13.8	66
25	CO 2 â€Activated Reversible Transition between Polymersomes and Micelles with AIE Fluorescence. Angewandte Chemie, 2019, 131, 10366-10371.	2.0	12
26	Polymersomes with aggregation-induced emission based on amphiphilic block copolypeptoids. Chemical Communications, 2019, 55, 13530-13533.	4.1	21
27	Thermo-mechanical and photo-luminescence properties of micro-actuators made of liquid crystal elastomers with cyano-oligo(<i>p</i>-phenylene vinylene) crosslinking bridges. Materials Chemistry Frontiers, 2019, 3, 2499-2506.	5.9	19
28	AIE Fluorescent Gelators with Thermoâ€; Mechanoâ€; and Vapochromic Properties. Chemistry - an Asian Journal, 2019, 14, 781-788.	3.3	22
29	Physical stimuli-responsive liposomes and polymersomes as drug delivery vehicles based on phase transitions in the membrane. Nanoscale, 2018, 10, 6781-6800.	5.6	45
30	Fluorescent Polymersomes with Aggregation-Induced Emission. ACS Nano, 2018, 12, 4025-4035.	14.6	100
31	Liquid crystal gelators with photo-responsive and AIE properties. Materials Chemistry Frontiers, 2018, 2, 2245-2253.	5.9	46
32	Î±-Amino acid N-thiocarboxyanhydrides: A novel synthetic approach toward poly(Î±-amino acid)s. European Polymer Journal, 2018, 109, 26-42.	5.4	41
33	Transition from smectic nanofibers to smectic vesicles in the self-assemblies of PEG-b-liquid crystal polycarbonates. Polymer Chemistry, 2017, 8, 4776-4780.	3.9	21
34	Poly(Îµ-caprolactone)-<i>block</i>-polysarcosine by Ring-Opening Polymerization of Sarcosine <i>N</i>-Thiocarboxyanhydride: Synthesis and Thermoresponsive Self-Assembly. Biomacromolecules, 2015, 16, 3265-3274.	5.4	48
35	Liquid crystalline polymer vesicles: thermotropic phases in lyotropic structures. Liquid Crystals, 2014, 41, 368-384.	2.2	18
36	Reduction-Responsive Cholesterol-Based Block Copolymer Vesicles for Drug Delivery. Biomacromolecules, 2014, 15, 2206-2217.	5.4	108

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37	Self-Assembly of Amphiphilic Liquid Crystal Polymers Obtained from a Cyclopropane-1,1-Dicarboxylate Bearing a Cholesteryl Mesogen. Langmuir, 2012, 28, 11215-11224.	3.5	25
38	Direct preparation of nematic liquid crystalline elastomer actuators by electron beam irradiation polymerization. Journal of Materials Chemistry, 2012, 22, 4669.	6.7	14
39	Morphology of nematic and smectic vesicles. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5202-5206.	7.1	76
40	Morphology study of a series of azobenzene-containing side-on liquid crystalline triblock copolymers. Chinese Journal of Polymer Science (English Edition), 2012, 30, 258-268.	3.8	6
41	Smectic polymer micellar aggregates with temperature-controlled morphologies. Soft Matter, 2011, 7, 7395.	2.7	74
42	Self-assembly of amphiphilic liquid crystal block copolymers containing a cholesteryl mesogen: Effects of block ratio and solvent. Polymer, 2011, 52, 2565-2575.	3.8	56
43	Temperature tunable optical gratings in nematic elastomer. Applied Physics A: Materials Science and Processing, 2010, 98, 119-122.	2.3	9
44	Amphiphilic Poly(ethylene oxide)-<i>block</i>-poly(butadiene-<i>graft</i>-liquid crystal) Copolymers: Synthesis and Self-Assembly in Water. Macromolecules, 2010, 43, 10442-10451.	4.8	33
45	Self-Assembly of Linearâˆ'Dendritic Diblock Copolymers: From Nanofibers to Polymersomes. Journal of the American Chemical Society, 2010, 132, 3762-3769.	13.7	192
46	Photosensitization of polymer vesicles: a multistep chemical process deciphered by micropipette manipulation. Soft Matter, 2010, 6, 4863.	2.7	23
47	Synthesis via RAFT of Amphiphilic Block Copolymers with Liquid-Crystalline Hydrophobic Block and Their Self-Assembly in Water. Macromolecules, 2009, 42, 8688-8696.	4.8	59
48	Stimuli-responsive polymer vesicles. Soft Matter, 2009, 5, 927.	2.7	451
49	Light-responsive wires from side-on liquid crystalline azo polymers. Liquid Crystals, 2009, 36, 1023-1029.	2.2	56
50	Self-assembly of liquid crystal block copolymer PEG-b-smectic polymer in pure state and in dilute aqueous solution. Faraday Discussions, 2009, 143, 235.	3.2	55
51	Smectic polymer vesicles. Soft Matter, 2009, 5, 3446.	2.7	90
52	Bursting of sensitive polymersomes induced by curling. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7294-7298.	7.1	175
53	Azobenzene-Containing Liquid Crystal Triblock Copolymers: Synthesis, Characterization, and Self-Assembly Behavior. Macromolecules, 2008, 41, 2459-2466.	4.8	51
54	Self-Assembly of PEG-<i>b</i>-Liquid Crystal Polymer:â€‰ The Role of Smectic Order in the Formation of Nanofibers. Macromolecules, 2007, 40, 5625-5627.	4.8	79

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55	Micro-Actuators:Â When Artificial Muscles Made of Nematic Liquid Crystal Elastomers Meet Soft Lithography. Journal of the American Chemical Society, 2006, 128, 1088-1089.	13.7	329
56	Formation of Polymer Vesicles by Liquid Crystal Amphiphilic Block Copolymers. Langmuir, 2006, 22, 7907-7911.	3.5	55
57	Artificial muscles based on liquid crystal elastomers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2006, 364, 2763-2777.	3.4	234
58	Polymer vesicles formed by amphiphilic diblock copolymers containing a thermotropic liquid crystalline polymer block. Chemical Communications, 2005, , 4345.	4.1	61
59	Novel Liquid Crystalline Block Copolymers by ATRP and ROMP. Macromolecules, 2003, 36, 2284-2292.	4.8	72
60	Liquid-Crystalline Polymethacrylates by Atom-Transfer Radical Polymerization at Ambient Temperature. Macromolecular Chemistry and Physics, 2002, 203, 619-626.	2.2	29
61	An azobenzene-containing side-on liquid crystal polymer. Liquid Crystals, 2000, 27, 1497-1502.	2.2	45