

Lei Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

372
citations

11
h-index

16
g-index

36
ext. papers

478
ext. citations

4.9
avg, IF

4.12
L-index

#	Paper	IF	Citations
35	Manipulated and Improved Photoinduced Deformation Property of Photoresponsive Liquid Crystal Elastomers by Copolymerization.. <i>Macromolecular Rapid Communications</i> , 2022 , e2100717	4.8	0
34	Synthesis and properties of Multi-Stimuli responsive Water-Soluble copolymers with high porphyrin content. <i>European Polymer Journal</i> , 2021 , 163, 110925	5.2	1
33	Preparation, property manipulation and application of π -cyanostilbene-containing photoresponsive liquid crystal elastomers with different alkoxy tail length. <i>European Polymer Journal</i> , 2021 , 147, 110332	5.2	1
32	A fluorescent alternative copolymer combined energy transfer and charge transfer with large and tunable Pseudo-Stokes shift. <i>Polymer</i> , 2021 , 217, 123477	3.9	1
31	Preparation of chiral luminescent liquid crystals and manipulation effect of phase structures on the circularly polarized luminescence property. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1279-1286	7.1	8
30	Side-chain chiral fluorescent liquid crystal polymers with highly efficient circularly polarized luminescence emission in a glassy-state SmC* film. <i>Polymer Chemistry</i> , 2021 , 12, 2572-2579	4.9	6
29	Multiple hydrogen-bonded cross-linked photo-responsive liquid crystal elastomers with photo-responsive fluorescence. <i>Polymer</i> , 2021 , 215, 123420	3.9	4
28	Electric field, temperature and light-triggered triple dynamic circularly polarized luminescence switching in fluorescent cholesteric liquid crystals with a large dissymmetry factor. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 6589-6596	7.1	9
27	Preparation, performances and applications of multi-functional photoluminescence form-stable phase change materials. <i>Polymer</i> , 2020 , 189, 122211	3.9	10
26	Influence of flexible spacer length on self-organization behaviors and photophysical properties of hemiphasmic liquid crystalline polymers containing cyanostilbene. <i>European Polymer Journal</i> , 2020 , 123, 109459	5.2	8
25	Preparation and property manipulation of high efficiency circularly polarized luminescent liquid crystal polypeptides. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13632-13641	7.1	9
24	Preparation, photo-induced deformation behavior and application of hydrogen-bonded crosslinked liquid crystalline elastomers based on π -cyanostilbene. <i>Polymer Chemistry</i> , 2020 , 11, 6047-6055	4.9	9
23	Solvent polarity driven helicity inversion and circularly polarized luminescence in chiral aggregation induced emission fluorophores. <i>Chemical Science</i> , 2020 , 11, 9989-9993	9.4	35
22	Dual Stimuli-Responsive High-Efficiency Circularly Polarized Luminescence from Light-Emitting Chiral Nematic Liquid Crystals. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56604-56614	9.5	26
21	Molecular simulations of gas transport in hydrogenated nitrile butadiene rubber and ethylene-propylene-diene rubber.. <i>RSC Advances</i> , 2020 , 10, 12475-12484	3.7	3
20	Novel side-chain alternative copolymer combined FRET and DRET with large pseudo-Stokes shift and polarity-sensitive fluorescence behavior. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11285-11292	7.1	5
19	Fast photoinduced deformation of hydrogen-bonded supramolecular polymers containing π -cyanostilbene derivative. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2002-2008	13	27

18	Synthesis, properties and photo-responsive behavior of luminescent side chain polymers containing DEA Cyanostilbene units. <i>Polymer Chemistry</i> , 2019 , 10, 2706-2715	4.9	14
17	Design, synthesis and properties of hemiphasmidic luminescent liquid crystal polymers with the AIEE effect. <i>New Journal of Chemistry</i> , 2019 , 43, 4205-4215	3.6	6
16	Steric hindrance effect on the thermo- and photo-responsive properties of pyrene-based polymers. <i>New Journal of Chemistry</i> , 2018 , 42, 5698-5708	3.6	8
15	Preparation and properties of side chain liquid crystalline polymers with aggregation-induced emission enhancement characteristics. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 7119-7127	7.1	29
14	Preparation and characterization of a multistimuli-responsive photoluminescent monomer and its corresponding polymer. <i>Polymer Chemistry</i> , 2018 , 9, 5521-5530	4.9	6
13	Multistimuli-responsive small-molecule compound with aggregation-induced emission enhancement characteristics: preparation, properties and applications. <i>New Journal of Chemistry</i> , 2018 , 42, 20239-20248	3.6	4
12	Influence of alkoxy tail length on the properties of side chain liquid crystal polymers with aggregation-induced emission enhancement characteristics. <i>European Polymer Journal</i> , 2018 , 105, 7-16	5.2	14
11	Influence of main chain on the phase behaviors of side-chain liquid-crystalline polymers with triphenylene mesogens of long alkyl tail substituents. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 754-766	7.5	13
10	Self-organization behaviours of hemiphasmidic side-chain liquid-crystalline polymers with different spacer lengths. <i>New Journal of Chemistry</i> , 2017 , 41, 7553-7561	3.6	9
9	Influence of alkyl tail length on self-organisation of side-chain liquid crystalline polymers with biphenyl hemiphasmidic mesogens. <i>Liquid Crystals</i> , 2017 , 44, 1031-1043	2.3	7
8	Influence of the spacer on the phase behaviors of side-chain liquid crystalline copolymers based on triphenylene discotic mesogen unit. <i>RSC Advances</i> , 2016 , 6, 38790-38796	3.7	6
7	Design, synthesis and thermotropic self-organization of dendronized polystyrenes with different length alkyl tails. <i>Polymer Chemistry</i> , 2016 , 7, 5445-5455	4.9	9
6	Influence of the spacer length on the phase behaviors of mesogen-jacketed liquid crystalline polymers with a bulk side-chain. <i>RSC Advances</i> , 2015 , 5, 54920-54928	3.7	7
5	Influence of the spacer and molecular weight on the phase behavior of side-chain liquid crystalline polymers containing triphenylene discotic mesogen units as side groups. <i>Polymer Chemistry</i> , 2014 , 5, 6558-6568	4.9	19
4	Steric hindrance effect on thermoresponsive behaviors of pyrrolidone-based polymers. <i>Polymer Chemistry</i> , 2013 , 4, 1068-1076	4.9	16
3	Steric hindrance effect on thermo-responsive behaviors of well-defined water-soluble semi-rigid polymers. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 3429-3438	2.5	7
2	Unusual effect of molecular weight and concentration on thermoresponsive behaviors of well-defined water-soluble semirigid polymers. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3664-3673	2.5	14
1	Influence of alkoxy tail length on the self-organization of hairy-rod polymers based on mesogen-jacketed liquid crystalline polymers. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3923-3935	2.5	22

