

Ming Li

List of Publications by Year in descending order

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30
papers

665
citations

567281

15
h-index

580821

25
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30
all docs

30
docs citations

30
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of organic chromophores and polymers for enhanced bulk second-order optical nonlinearity. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4111-4122.	5.5	75
2	Interfacial enhancement of CF/PEEK composites by modifying water-based PEEK-NH ₂ sizing agent. <i>Composites Part B: Engineering</i> , 2020, 199, 108258.	12.0	62
3	Improvement of the thermal conductivity and friction performance of poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.6	53
4	A novel thermoplastic sizing containing graphene oxide functionalized with structural analogs of matrix for improving interfacial adhesion of CF/PES composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 114, 418-428.	7.6	51
5	Poling efficiency enhancement of tethered binary nonlinear optical chromophores for achieving an ultrahigh n^3 figure-of-merit of 2601 pm^2/V^2 . <i>Journal of Materials Chemistry C</i> , 2015, 3, 6737-6744.	5.5	36
6	Enhanced tribological performance of PEEK/SCF/PTFE hybrid composites by graphene. <i>RSC Advances</i> , 2017, 7, 33450-33458.	3.6	36
7	Effect of hexagonal boron nitride on high-performance polyether ether ketone composites. <i>Colloid and Polymer Science</i> , 2016, 294, 127-133.	2.1	30
8	New push-pull polyene chromophores containing a Michler's base donor and a tricyanofuran acceptor: multicomponent condensation, allopolar isomerism and large optical nonlinearity. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2230-2234.	5.5	26
9	Prepare organic/inorganic hybrid nonlinear optical material containing two-dimensional spindle-type chromophores. <i>Materials Letters</i> , 2011, 65, 1404-1406.	2.6	23
10	Design, Synthesis, and Characterization of Crosslinkable Doped NLO Materials Based on Polyurethanes Containing Spindle-type Chromophores. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 879-886.	2.2	20
11	Facile synthesis of benzothiadiazole-based chromophores for enhanced performance of second-order nonlinear optical materials. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9094-9102.	5.5	20
12	The preparation of two-dimensional spindle-type chromophores for second-order nonlinear optical materials. <i>Dyes and Pigments</i> , 2012, 92, 982-987.	3.7	19
13	New anisopleural spindle-like nonlinear optic (NLO) chromophores with a D _{2d} or D _{2h} structure: interesting optical behavior and DFT calculation results. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8392-8398.	5.5	18
14	Structural changes of polyacrylonitrile fibers in the process of wet spinning. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48905.	2.6	17
15	The influence of oxygen on skin-core structure of polyacrylonitrile-based precursor fibers. <i>Polymer</i> , 2020, 197, 122516.	3.8	17
16	A study on regulating the conjugate position of NLO chromophores for reducing the dipole moment and enhancing the electro-optic activities of organic materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1380-1390.	5.5	16
17	The influence of stabilization efficiency on skin-core structure and properties of polyacrylonitrile fibers. <i>Journal of Materials Science</i> , 2020, 55, 3408-3418.	3.7	15
18	Novel photo-cross-linkable polymer bearing spindle-type chromophores for second-order non-linear optical materials. <i>Journal of Materials Science</i> , 2011, 46, 4458-4464.	3.7	14

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19	Spontaneous thermal crosslinking of a sydnone-containing side-chain polymer with maleimides through a convergent [3 + 2] dual cycloaddition/cycloreversion process for electro-optics. <i>Polymer Chemistry</i> , 2013, 4, 5760.	3.9	14
20	Enhanced UV stability of <i>N</i> -halamine-immobilized Fe ₃ O ₄ @SiO ₂ @TiO ₂ nanoparticles: synthesis, characteristics and antibacterial property. <i>New Journal of Chemistry</i> , 2020, 44, 10352-10358.	2.8	14
21	Directly coating silanized nanocrystalline cellulose on carbon fiber for enhancing the interfacial adhesion of carbon fiber/epoxy resin composites. <i>Polymer Composites</i> , 2019, 40, E744.	4.6	13
22	Photo-induced denitrogenation of triazoline moieties for efficient photo-assisted poling of electro-optic polymers. <i>Polymer Chemistry</i> , 2013, 4, 4434.	3.9	12
23	Fabrication of microcapsule-type composites with the capability of underwater self-healing and damage visualization. <i>RSC Advances</i> , 2020, 10, 33675-33682.	3.6	10
24	Synthesis of novel two-dimensional spindle-type fluorinated nonlinear optical chromophores. <i>Optical Materials</i> , 2012, 34, 705-710.	3.6	9
25	Novel fluorinated polycarbonate negative-type photoresists for thermo-optic waveguide gate switch arrays. <i>Journal of Materials Chemistry C</i> , 2016, 4, 533-540.	5.5	9
26	Improvement of interfacial strength and thermal stability of carbon fiber composites by directly grafting unique particles: functionalized mesoporous silicas. <i>RSC Advances</i> , 2016, 6, 80485-80492.	3.6	8
27	Improved poling efficiency of polyurethanes containing spindle-like chromophores by a functional group tuning for nonlinear optic (NLO) materials. <i>RSC Advances</i> , 2016, 6, 18178-18185.	3.6	8
28	Mild and in situ photo-crosslinking of anthracene-functionalized poly (aryl ether ketone) for enhancing temporal stability of organic NLO materials. <i>Journal of Materials Science</i> , 2021, 56, 5910-5923.	3.7	8
29	High porosity fluorescent aerogel with new molecular probes for formaldehyde gas sensors. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111208.	4.4	6
30	Imidazole substituted benzothiadiazole derivatives as latent curing agent for epoxy thermosetting resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	6