

Bing Shi Li

List of Publications by Year in descending order

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41
papers

1,955
citations

257450

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302126

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docs citations

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times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	New shoots from old roots: multiple stimuli-responsive properties of a common tetraphenylethene derivative. <i>Materials Chemistry Frontiers</i> , 2022, 6, 176-181.	5.9	10
2	Chiral aggregation-induced emission molecules: Design, circularly polarized luminescence, and helical self-assembly. , 2022, , 87-115.		0
3	Development of luminol-based chemiluminescence approach for ultrasensitive sensing of Hg(II) using povidone-I2 protected gold nanoparticles as an efficient coreactant. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 649-659.	3.7	7
4	Two tetraphenylethene-pyrene isomers: Distinct fluorescence and mechanochromic properties. <i>Dyes and Pigments</i> , 2021, 185, 108947.	3.7	18
5	Cyano-containing tetraphenylethene isomers: similar bright mechanoluminescence, but diverse recoverable processes. <i>Materials Chemistry Frontiers</i> , 2021, 5, 885-892.	5.9	8
6	Controllable room temperature phosphorescence, mechanoluminescence and polymorphism of a carbazole derivative. <i>Materials Horizons</i> , 2021, 8, 2816-2822.	12.2	13
7	An ultrasensitive chemiluminescent biosensor for tracing glutathione in human serum using BSA@AuNCs as a peroxidase-mimetic nanozyme on a luminol/artesunate system. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8038-8047.	5.8	6
8	Direct Visualization of Chiral Amplification of Chiral Aggregation Induced Emission Molecules in Nematic Liquid Crystals. <i>ACS Nano</i> , 2021, 15, 4956-4966.	14.6	71
9	A multi-stimuli responsive tetraphenylethene derivative: Self-reversible mechanochromism, mechanoluminescence, switchable photochromism. <i>Dyes and Pigments</i> , 2021, 187, 109128.	3.7	28
10	Construction of a multicolored emission tetraphenylethene derivative in response to multiple stimuli. <i>Dyes and Pigments</i> , 2021, 195, 109723.	3.7	7
11	Circularly Polarized Luminescence and Tunable Helical Assemblies of Aggregation-Induced Emission Amphiphilic Polytriazole Carrying Chiral <i>l</i> -Phenylalanine Pendants. <i>Macromolecules</i> , 2020, 53, 6288-6298.	4.8	35
12	Novel Synthesis of Thiolated Gold Nanoclusters Induced by Lanthanides for Ultrasensitive and Luminescent Detection of the Potential Anthrax Sporesâ€™ Biomarker. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32888-32897.	8.0	51
13	Multi-stimuli responsive cyanostilbene derivatives: pH, amine vapor sensing and mechanoluminescence. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1720-1728.	5.9	26
14	Multiple Anti-Counterfeiting Guarantees from a Simple Tetraphenylethylene Derivative â€“ High-Contrasted and Multi-State Mechanochromism and Photochromism. <i>Angewandte Chemie</i> , 2019, 131, 17978-17983.	2.0	54
15	Multiple Anti-Counterfeiting Guarantees from a Simple Tetraphenylethylene Derivative â€“ High-Contrasted and Multi-State Mechanochromism and Photochromism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17814-17819.	13.8	229
16	Insight from the old: mechanochromism and mechanoluminescence of two amine-containing tetraphenylethylene isomers. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11790-11796.	5.5	38
17	Surface Effect on the Self-Assembly of Nanofibers Revealed by in Situ AFM Imaging and Molecular Simulation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9292-9297.	3.1	3
18	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. <i>ACS Nano</i> , 2019, 13, 3618-3628.	14.6	157

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19	Multistimuli Response and Polymorphism of a Novel Tetraphenylethylene Derivative. <i>Advanced Functional Materials</i> , 2019, 29, 1900516.	14.9	135
20	Solvent and Surface/Interface Effect on the Hierarchical Assemblies of Chiral Aggregation-Induced Emitting Molecules. <i>Langmuir</i> , 2019, 35, 3805-3813.	3.5	9
21	The influence of intermolecular interactions and molecular packings on mechanochromism and mechanoluminescence of a tetraphenylethylene derivative case. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12709-12716.	5.5	34
22	Molecular Design, Circularly Polarized Luminescence, and Helical Self-Assembly of Chiral Aggregation-Induced Emission Molecules. <i>Chemistry - an Asian Journal</i> , 2019, 14, 674-688.	3.3	73
23	<i>In situ</i> visualizable self-assembly, aggregation-induced emission and circularly polarized luminescence of tetraphenylethene and alanine-based chiral polytriazole. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4807-4816.	5.5	78
24	Novel chiral aggregation induced emission molecules: self-assembly, circularly polarized luminescence and copper(II) ion detection. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1884-1892.	5.9	52
25	Unexpected aggregation induced circular dichroism, circular polarized luminescence and helical assembly from achiral hexaphenylsilole (HPS). <i>RSC Advances</i> , 2017, 7, 24841-24847.	3.6	25
26	Fabrication of circular polarized luminescent helical fibers from chiral phenanthro[9,10]imidazole derivatives. <i>Materials Chemistry Frontiers</i> , 2017, 1, 646-653.	5.9	31
27	Nanofibers: Click Synthesis, Aggregation-Induced Emission and Chirality, Circularly Polarized Luminescence, and Helical Self-Assembly of a Leucine-Containing Silole (Small 47/2016). <i>Small</i> , 2016, 12, 6420-6420.	10.0	0
28	Click Synthesis, Aggregation-Induced Emission and Chirality, Circularly Polarized Luminescence, and Helical Self-Assembly of a Leucine-Containing Silole. <i>Small</i> , 2016, 12, 6593-6601.	10.0	50
29	Synthesis, optical properties and helical self-assembly of a bivaline-containing tetraphenylethene. <i>Scientific Reports</i> , 2016, 6, 19277.	3.3	63
30	Aggregation-induced chirality, circularly polarized luminescence, and helical self-assembly of a leucine-containing AIE luminogen. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2399-2404.	5.5	114
31	Valine-containing silole: synthesis, aggregation-induced chirality, luminescence enhancement, chiral-polarized luminescence and self-assembled structures. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4615.	5.5	58
32	L-Valine methyl ester-containing tetraphenylethene: aggregation-induced emission, aggregation-induced circular dichroism, circularly polarized luminescence, and helical self-assembly. <i>Materials Horizons</i> , 2014, 1, 518-521.	12.2	122
33	Mesogen jacketed liquid crystalline polyacetylene containing triphenylene discogen: synthesis and phase structure. <i>Polymer Chemistry</i> , 2013, 4, 996-1005.	3.9	45
34	Tunable Helical Assemblies of L-Alanine Methyl Ester-Containing Polyphenylacetylene. <i>Langmuir</i> , 2012, 28, 5770-5774.	3.5	33
35	Direct visualization of the formation of RecA/dsDNA complexes at the single-molecule level. <i>Micron</i> , 2012, 43, 1073-1075.	2.2	6
36	Direct visualization of the formation and structure of RecA/dsDNA complexes. <i>Micron</i> , 2010, 41, 227-231.	2.2	3

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37	Direct Evidence of the Role of ATP ^γ S in the Binding of Single-Stranded Binding Protein (<i>Escherichia coli</i>) Tj ETQq1 1.0.784314.rgBT /Over	3.5	19
38	Direct and Real-Time Visualization of the Disassembly of a Single RecA-DNA-ATP ^γ S Complex Using AFM Imaging in Fluid. Nano Letters, 2006, 6, 1474-1478.	9.1	19
39	Self-assembling of Helical Poly(Phenylacetylene) Carrying l-Valine Pendants in Solution, on Mica Substrate, and on Water Surface. Langmuir, 2004, 20, 7598-7603.	3.5	50
40	Self-Assembling of an Amphiphilic Polyacetylene Carrying l-Leucine Pendants: A Homopolymer Case. Macromolecules, 2003, 36, 5447-5450.	4.8	51
41	Synthesis and Hierarchical Structures of Amphiphilic Polyphenylacetylenes Carrying l-Valine Pendants. Macromolecules, 2003, 36, 77-85.	4.8	142