

Yongtao Wang

List of Publications by Year in descending order

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15
papers

339
citations

840776

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all docs

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docs citations

16
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-state emission properties and the inherent mechanism of Dâ€“D type asymmetric organic boron complexes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11030-11038.	5.5	60
2	High-contrast mechanochromism and polymorphism-dependent fluorescence of difluoroboron β -diketonate complexes based on the effects of AIEE and halogen. <i>RSC Advances</i> , 2016, 6, 33755-33762.	3.6	50
3	Exploring highly efficient light conversion agents for agricultural film based on aggregation induced emission effects. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11291-11297.	5.5	45
4	Remarkable substitution influence on the mechanochromism of cyanostilbene derivatives. <i>RSC Advances</i> , 2016, 6, 66477-66483.	3.6	32
5	Deep insights into polymorphism initiated by exploring multicolor conversion materials. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1661-1670.	5.9	23
6	Exploration of highly efficient light conversion agents for agricultural film based on the bay-substituted perylene diimides derivatives. <i>Dyes and Pigments</i> , 2018, 159, 483-490.	3.7	21
7	AIE-active mechanochromic materials based N-phenylcarbazol-substituted tetraarylethene for OLED applications. <i>RSC Advances</i> , 2015, 5, 19176-19181.	3.6	19
8	The abnormal solvatochromism, high-contrast mechanochromism and internal mechanism of two AIEE-active β -diketones. <i>Dyes and Pigments</i> , 2020, 175, 108149.	3.7	16
9	Exploration of Highly Efficient Blueâ€“Violet Light Conversion Agents for an Agricultural Film Based on Structure Optimization of Triphenylacrylonitrile. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13295-13302.	5.2	14
10	The inherent mechanism of mechanochromism under different stress: electron cloud density distribution, J-type stacking, pore structure and collapse of J-type stacking. <i>New Journal of Chemistry</i> , 2018, 42, 11373-11380.	2.8	14
11	Exploration the inherent mechanism of polymorphism and mechanochromism based on isomerism and AIE theory. <i>Dyes and Pigments</i> , 2019, 171, 107663.	3.7	12
12	Design, synthesis, photophysical properties and intrinsic mechanism of two difluoroboron β -diketonate complexes with TPE and N-alkyl pyrrole units. <i>Dyes and Pigments</i> , 2019, 171, 107704.	3.7	11
13	Specific Cu(II) detection using a novel tricarbazolyl-tristriazolotriazine based on photoinduced charge transfer. <i>RSC Advances</i> , 2014, 4, 13161-13166.	3.6	8
14	Exploration of high-performance light-conversion agents based on cyanostilbene and phenanthrenecarbonitrile backbones: <i>E</i> / <i>Z</i> and position isomerism, high-contrast Michael addition reaction activity and intramolecular photocyclization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12681-12693.	5.5	8
15	Polymorphism and light conversion properties of anthracene-based isomers. <i>Dyes and Pigments</i> , 2022, 197, 109888.	3.7	5