Junhui Jia

List of Publications by Year
in descending order

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26	880	471509 17	552781 26
papers	citations	h-index	g-index

26	26	26	834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechano-induced photoluminescence colour change in tetraphenylethylene -based aza-N,O-chelated boron difluoride complexes. Journal of Luminescence, 2022, 241, 118525.	3.1	13
2	An elastic organic single crystal with bending and high pressure-induced fluorochromism properties. Dyes and Pigments, 2022, 205, 110572.	3.7	7
3	Synthesis, characterization, mechanochromism of new AIE-active organoboron compounds derived from salicylaldehyde-based acylhydrazone. Tetrahedron Letters, 2021, 71, 153006.	1.4	13
4	Reversible mechanofluorochromic properties of phenothiazine-based D-A-Dâ€² aza-N,O-chelated boron difluoride complexes. Tetrahedron Letters, 2021, 78, 153275.	1.4	6
5	Elastic Organic Crystals Based on Barbituric Derivative: Multiâ€faceted Bending and Flexible Optical Waveguide. Chemistry - A European Journal, 2021, 27, 16036-16042.	3.3	22
6	Spatial photocontrol of the passive optical output direction of the elastic molecular crystals based on acylhydrazone derivatives. Dyes and Pigments, 2021, 194, 109529.	3.7	22
7	Stimuli-responsive fluorescence switching: Aggregation-induced emission (AIE), protonation effect and reversible mechanofluochromism of tetraphenylethene hydrazone-based dyes. Organic Electronics, 2020, 76, 105466.	2.6	33
8	Multi-stimuli responsive fluorescence switching of D-A tetraphenylethylene functionalized cyanopyridine isomers. Tetrahedron Letters, 2020, 61, 151577.	1.4	14
9	Halogen effect on enhanced mechanofluorochromic properties of AIE-active tetraphenylethylene-based acylhydrazone luminophores. Tetrahedron Letters, 2020, 61, 152486.	1.4	9
10	Reversible fluorescent switching properties of pyrene-substituted acylhydrazone derivatives toward mechanical force and acid vapor with aggregation-induced emission. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 399, 112640.	3.9	15
11	Remarkable isomeric effects on the mechanofluorochromism of tetraphenylethylene-based Dâ€"Ï€â€"A derivatives. New Journal of Chemistry, 2019, 43, 2231-2237.	2.8	31
12	A multi-responsive AIE-active tetraphenylethylene-functioned salicylaldehyde-based schiff base for reversible mechanofluorochromism and Zn2+ and CO32â^' detection. Organic Electronics, 2019, 73, 55-61.	2.6	42
13	Structure-dependent reversible mechanochromism of D-Ï€-A triphenylamine derivatives. Tetrahedron Letters, 2019, 60, 252-259.	1.4	32
14	Mechanofluorochromic properties of tert-butylcarbazole-based AIE-active D-Ï€-A fluorescent dye. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 521-526.	3.9	25
15	Mechanofluorochromism of D-A typed phenothiazine derivative. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 361, 112-116.	3.9	13
16	Alkyl length dependent reversible mechanofluorochromism of phenothiazine derivatives functionalized with formyl group. Dyes and Pigments, 2017, 147, 537-543.	3.7	47
17	Synthesis, crystal structure and reversible mechanofluorochromic properties of a novel phenothiazine derivative. Dyes and Pigments, 2017, 136, 657-662.	3.7	43
18	Stimuli-response fluorescence behaviors of dimesitylboron functionalized with tetraphenylethylene. Tetrahedron Letters, 2016, 57, 2544-2548.	1.4	21

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19	Branched benzothiadiazole-cored oligomers with terminal carbazoles: Synthesis and fluorescence probing nitroaromatics. Dyes and Pigments, 2015, 116, 36-45.	3.7	13
20	A triphenylamine-based benzoxazole derivative as a high-contrast piezofluorochromic material induced by protonation. Chemical Communications, 2014, 50, 2569-2571.	4.1	185
21	Fluorescent sensor based on dimesitylborylthiophene derivative for probing fluoride and cyanide. Tetrahedron, 2014, 70, 5499-5504.	1.9	28
22	Two-component gel of a Dâ€“Ï€â€“Aâ€“Ï€â€“D carbazole donor and a fullerene acceptor. RSC Advances, 2013, 3, 26403.	3.6	35
23	Synthesis of dendritic triphenylamine derivatives for dye-sensitized solar cells. Dyes and Pigments, 2013, 96, 407-413.	3.7	41
24	Y-shaped dyes based on triphenylamine for efficient dye-sensitized solar cells. Tetrahedron, 2012, 68, 3626-3632.	1.9	51
25	Solvent-dependent photophysical and anion responsive properties of one glutamide gelator. Soft Matter, 2011, 7, 8296.	2.7	49
26	New dendritic gelator bearing carbazole in each branching unit: selected response to fluoride ion in gel phase. Organic and Biomolecular Chemistry, 2011, 9, 1523.	2.8	70