

Junhui Jia

List of Publications by Year in descending order

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26
papers

880
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	A triphenylamine-based benzoxazole derivative as a high-contrast piezofluorochromic material induced by protonation. <i>Chemical Communications</i> , 2014, 50, 2569-2571.	4.1	185
2	New dendritic gelator bearing carbazole in each branching unit: selected response to fluoride ion in gel phase. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1523.	2.8	70
3	Y-shaped dyes based on triphenylamine for efficient dye-sensitized solar cells. <i>Tetrahedron</i> , 2012, 68, 3626-3632.	1.9	51
4	Solvent-dependent photophysical and anion responsive properties of one glutamide gelator. <i>Soft Matter</i> , 2011, 7, 8296.	2.7	49
5	Alkyl length dependent reversible mechanofluorochromism of phenothiazine derivatives functionalized with formyl group. <i>Dyes and Pigments</i> , 2017, 147, 537-543.	3.7	47
6	Synthesis, crystal structure and reversible mechanofluorochromic properties of a novel phenothiazine derivative. <i>Dyes and Pigments</i> , 2017, 136, 657-662.	3.7	43
7	A multi-responsive AIE-active tetraphenylethylene-featured salicylaldehyde-based schiff base for reversible mechanofluorochromism and Zn ²⁺ and CO ₃ ²⁻ detection. <i>Organic Electronics</i> , 2019, 73, 55-61.	2.6	42
8	Synthesis of dendritic triphenylamine derivatives for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 96, 407-413.	3.7	41
9	Two-component gel of a D-π-A carbazole donor and a fullerene acceptor. <i>RSC Advances</i> , 2013, 3, 26403.	3.6	35
10	Stimuli-responsive fluorescence switching: Aggregation-induced emission (AIE), protonation effect and reversible mechanofluorochromism of tetraphenylethylene hydrazone-based dyes. <i>Organic Electronics</i> , 2020, 76, 105466.	2.6	33
11	Structure-dependent reversible mechanochromism of D-π-A triphenylamine derivatives. <i>Tetrahedron Letters</i> , 2019, 60, 252-259.	1.4	32
12	Remarkable isomeric effects on the mechanofluorochromism of tetraphenylethylene-based D-π-A derivatives. <i>New Journal of Chemistry</i> , 2019, 43, 2231-2237.	2.8	31
13	Fluorescent sensor based on dimesitylborylthiophene derivative for probing fluoride and cyanide. <i>Tetrahedron</i> , 2014, 70, 5499-5504.	1.9	28
14	Mechanofluorochromic properties of tert-butylcarbazole-based AIE-active D-π-A fluorescent dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 521-526.	3.9	25
15	Elastic Organic Crystals Based on Barbituric Derivative: Multi-faceted Bending and Flexible Optical Waveguide. <i>Chemistry - A European Journal</i> , 2021, 27, 16036-16042.	3.3	22
16	Spatial photocontrol of the passive optical output direction of the elastic molecular crystals based on acylhydrazone derivatives. <i>Dyes and Pigments</i> , 2021, 194, 109529.	3.7	22
17	Stimuli-response fluorescence behaviors of dimesitylboron functionalized with tetraphenylethylene. <i>Tetrahedron Letters</i> , 2016, 57, 2544-2548.	1.4	21
18	Reversible fluorescent switching properties of pyrene-substituted acylhydrazone derivatives toward mechanical force and acid vapor with aggregation-induced emission. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 399, 112640.	3.9	15

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19	Multi-stimuli responsive fluorescence switching of D-A tetraphenylethylene functionalized cyanopyridine isomers. <i>Tetrahedron Letters</i> , 2020, 61, 151577.	1.4	14
20	Branched benzothiadiazole-cored oligomers with terminal carbazoles: Synthesis and fluorescence probing nitroaromatics. <i>Dyes and Pigments</i> , 2015, 116, 36-45.	3.7	13
21	Mechanofluorochromism of D-A typed phenothiazine derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 361, 112-116.	3.9	13
22	Synthesis, characterization, mechanochromism of new AIE-active organoboron compounds derived from salicylaldehyde-based acylhydrazone. <i>Tetrahedron Letters</i> , 2021, 71, 153006.	1.4	13
23	Mechano-induced photoluminescence colour change in tetraphenylethylene -based aza-N,O-chelated boron difluoride complexes. <i>Journal of Luminescence</i> , 2022, 241, 118525.	3.1	13
24	Halogen effect on enhanced mechanofluorochromic properties of AIE-active tetraphenylethylene-based acylhydrazone luminophores. <i>Tetrahedron Letters</i> , 2020, 61, 152486.	1.4	9
25	An elastic organic single crystal with bending and high pressure-induced fluorochromism properties. <i>Dyes and Pigments</i> , 2022, 205, 110572.	3.7	7
26	Reversible mechanofluorochromic properties of phenothiazine-based D-A- π aza-N,O-chelated boron difluoride complexes. <i>Tetrahedron Letters</i> , 2021, 78, 153275.	1.4	6