Zhiyong

List of Publications by Year
in descending order

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54 papers	2,453 citations	236925 25 h-index	197818 49 g-index
55 all docs	55 docs citations	55 times ranked	2119 citing authors

#	Article	IF	Citations
1	Recent progress in determination of ochratoxin a in foods by chromatographic and mass spectrometry methods. Critical Reviews in Food Science and Nutrition, 2022, 62, 5444-5461.	10.3	18
2	More than Carbazole Derivatives Activate Room Temperature Ultralong Organic Phosphorescence of Benzoindole Derivatives. Advanced Materials, 2022, 34, e2200544.	21.0	80
3	Râ€“Dâ€“A and Râ€“Dâ^'Ïâ€“A Structured AIEgens: Relationship between Electronic, Conformational Characteristics and Photophysical Properties. Journal of Physical Chemistry B, 2022, 126, 3082-3089.	2.6	0
4	Solely 3-Coordinated Organicâ€“Inorganic Hybrid Copper(I) Halide: Hexagonal Channel Structure, Turn-On Response to Mechanical Force, Moisture, and Amine. Inorganic Chemistry, 2022, 61, 8320-8327.	4.0	7
5	Polymer Mechanochromism from Force-Tuned Excited-State Intramolecular Proton Transfer. Journal of the American Chemical Society, 2022, 144, 9971-9979.	13.7	49
6	Robust Whiteâ€Light Emitting and Multiâ€Responsive Luminescence of a Dualâ€Mode Phosphorescence Molecule. Advanced Optical Materials, 2021, 9, 2001685.	7.3	44
7	Room-temperature white and color-tunable afterglow by manipulating multi-mode triplet emissions. Journal of Materials Chemistry C, 2021, 9, 3257-3263.	5.5	17
8	Carbazole&benzoindole-based purely organic phosphors: a comprehensive phosphorescence mechanism, tunable lifetime and an advanced encryption system. Journal of Materials Chemistry C, 2021, 9, 14294-14302.	5.5	23
9	Multiresponsive Tetra-Arylethene-Based Fluorescent Switch with Multicolored Changes: Single-Crystal Photochromism, Mechanochromism, and Acidichromism. ACS Applied Materials & Interfaces, 2021, 13, 40986-40994.	8.0	30
10	A Triâ€state Fluorescent Switch with â€œGatedâ€•Solidâ€state Photochromism Induced by an External Force. Chemistry - an Asian Journal, 2021, 16, 3713-3718.	3.3	8
11	Regulating force-resistance and acid-responsiveness of pure organics with persistent phosphorescence via simple isomerization. Journal of Materials Chemistry C, 2021, 9, 5227-5233.	5.5	12
12	Phenothiazine-Based Luminophores with AIE, Solvatochromism, and Mechanochromic Characteristics. Journal of Physical Chemistry B, 2021, 125, 11548-11556.	2.6	10
13	A D-A-Dâ€™ type organic molecule with persistent phosphorescence exhibiting dual-mode mechanochromism. Dyes and Pigments, 2020, 173, 107963.	3.7	21
14	Multicolored fluorescence variation of a new carbazole-based AIEE molecule by external stimuli. Physical Chemistry Chemical Physics, 2020, 22, 19195-19201.	2.8	7
15	Reaction Cascades in Polymer Mechanochemistry. Materials Chemistry Frontiers, 2020, 4, 3115-3129.	5.9	33
16	Frontispiece: Stimuliâ€Responsive Purely Organic Roomâ€Temperature Phosphorescence Materials. Chemistry - A European Journal, 2020, 26, .	3.3	1
17	Stimuliâ€Responsive Purely Organic Roomâ€Temperature Phosphorescence Materials. Chemistry - A European Journal, 2020, 26, 11914-11930.	3.3	76
18	Determination of residual fipronil and its metabolites in food samples: A review. Trends in Food Science and Technology, 2020, 97, 185-195.	15.1	41

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19	An AIE molecule featuring changeable triplet emission between phosphorescence and delayed fluorescence by an external force. Materials Chemistry Frontiers, 2019, 3, 2151-2156.	5.9	35
20	Rapid sulfite screening using nitrobenzofurazan anchored asymmetric naphthorhodamine via electrostatic attraction mediated reaction kinetics. Sensors and Actuators B: Chemical, 2019, 297, 126748.	7.8	3
21	Crystalâ€Šstate Photochromism and Dualâ€Mode Mechanochromism of an Organic Molecule with Fluorescence, Roomâ€Temperature Phosphorescence, and Delayed Fluorescence. Angewandte Chemie, 2019, 131, 16597-16602.	2.0	25
22	Crystalâ€Šstate Photochromism and Dualâ€Mode Mechanochromism of an Organic Molecule with Fluorescence, Roomâ€Temperature Phosphorescence, and Delayed Fluorescence. Angewandte Chemie - International Edition, 2019, 58, 16445-16450.	13.8	96
23	An ESIPT-based fluorescent switch with AIEE, solvatochromism, mechanochromism and photochromism. Materials Chemistry Frontiers, 2019, 3, 620-625.	5.9	51
24	Photochromism of aminobenzopyrano-xanthene with different fluorescent behavior in solution and the crystal state. Journal of Materials Chemistry C, 2019, 7, 275-280.	5.5	14
25	Schiff base-bridged TPE-rhodamine dyad: facile synthesis, distinct response to shearing and hydrostatic pressure, and sequential multicolored acidichromism. Journal of Materials Chemistry C, 2019, 7, 8398-8403.	5.5	27
26	Pressure-induced remarkable luminescence switch of a dimer form of donorâ€“acceptorâ€“donor triphenylamine (TPA) derivative. Materials Chemistry Frontiers, 2019, 3, 2768-2774.	5.9	15
27	Monitoring mitochondrial ATP in live cells: An ATP multisite-binding fluorescence turn-on probe. Dyes and Pigments, 2019, 163, 559-563.	3.7	17
28	Remarkable responsive behaviors of iso-aminobenzopyranoxanthenes: protonation effect, photochromism and piezochromism. Dyes and Pigments, 2019, 162, 831-836.	3.7	9
29	Pressure induced the largest emission wavelength change in a single crystal. Dyes and Pigments, 2019, 162, 136-144.	3.7	26
30	Two novel rhodamine-based molecules with different mechanochromic and photochromic properties in solid state. Journal of Materials Chemistry C, 2018, 6, 2270-2274.	5.5	31
31	Pressureâ€Induced Wideâ€Range Reversible Emission Shift of Triphenylamineâ€Substituted Anthracene via Hybridized Local and Charge Transfer (HLCT) Excited State. Advanced Optical Materials, 2018, 6, 1700647.	7.3	49
32	A Mechanochromic and Photochromic Dual-Responsive Co-assembly with Multicolored Switch: A Peptide-Based Dendron Strategy. ACS Applied Materials & Interfaces, 2018, 10, 34475-34484.	8.0	23
33	Pressure-induced emission band separation of the hybridized local and charge transfer excited state in a TPE-based crystal. Physical Chemistry Chemical Physics, 2018, 20, 13249-13254.	2.8	19
34	A multi-state fluorescent switch with multifunction of AIE, methanol-responsiveness, photochromism and mechanochromism. Journal of Materials Chemistry C, 2018, 6, 10250-10255.	5.5	48
35	A Single Crystal with Multiple Functions of Optical Waveguide, Aggregation-Induced Emission, and Mechanochromism. ACS Applied Materials & Interfaces, 2017, 9, 8910-8918.	8.0	144
36	A Mechanochromic Single Crystal: Turning Two Color Changes into a Tricolored Switch. Angewandte Chemie - International Edition, 2016, 55, 519-522.	13.8	196

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37	Effect of alkyl length dependent crystallinity for the mechanofluorochromic feature of alkyl phenothiazinyl tetraphenylethenyl acrylonitrile derivatives. Journal of Materials Chemistry C, 2016, 4, 4786-4791.	5.5	41
38	A mechano-responsive molecule with tricolored switch. Tetrahedron Letters, 2016, 57, 5377-5380.	1.4	6
39	Mechanically controlled FRET to achieve an independent three color switch. Journal of Materials Chemistry C, 2016, 4, 10914-10918.	5.5	30
40	A Supramoleculeâ€Triggered Mechanochromic Switch of Cyclodextrinâ€Jacketed Rhodamine and Spiropyran Derivatives. Advanced Functional Materials, 2016, 26, 353-364.	14.9	81
41	Halogen effect on mechanofluorochromic properties of alkyl phenothiazinyl phenylacrylonitrile derivatives. Dyes and Pigments, 2016, 129, 141-148.	3.7	25
42	A poly(amidoamine) dendrimer-based nanocarrier conjugated with Angiopep-2 for dual-targeting function in treating glioma cells. Polymer Chemistry, 2016, 7, 715-721.	3.9	24
43	Mechanically Induced Multicolor Change of Luminescent Materials. ChemPhysChem, 2015, 16, 1811-1828.	2.1	220
44	A Novel Mechanochromic and Photochromic Polymer Film: When Rhodamine Joins Polyurethane. Advanced Materials, 2015, 27, 6469-6474.	21.0	252
45	Controllable multicolor switching of oligopeptide-based mechanochromic molecules: from gel phase to solid powder. Journal of Materials Chemistry C, 2015, 3, 3399-3405.	5.5	30
46	Mechanically induced color change based on the chromophores of anthracene and rhodamine 6G. Tetrahedron Letters, 2015, 56, 393-396.	1.4	25
47	Mechanical activation of a dithioester derivative-based retro RAFT-HDA reaction. Polymer Chemistry, 2014, 5, 6893-6897.	3.9	10
48	Influence of alkyl length on properties of piezofluorochromic aggregation induced emission compounds derived from 9,10-bis[(N-alkylphenothiazin-3-yl)vinyl]anthracene. Tetrahedron, 2014, 70, 924-929.	1.9	51
49	Fine-tuning the mechanofluorochromic properties of benzothiadiazole-cored cyano-substituted diphenylethene derivatives through Dâ€“A effect. Journal of Materials Chemistry C, 2014, 2, 8932-8938.	5.5	69
50	Mechanochromic and photochromic dual-responsive properties of an amino acid based molecule in polymorphic phase. RSC Advances, 2014, 4, 20239.	3.6	15
51	A new organic far-red mechanofluorochromic compound derived from cyano-substituted diarylethene. Tetrahedron, 2013, 69, 10552-10557.	1.9	40
52	The mechanically induced color change from UV to visible region. Tetrahedron Letters, 2013, 54, 6504-6506.	1.4	21
53	Mechanically Induced Multicolor Switching Based on a Single Organic Molecule. Angewandte Chemie - International Edition, 2013, 52, 12268-12272.	13.8	201
54	Doped 0D Cs₄PbCl₆ single crystals featuring full-visible-region colorful luminescence. Journal of Materials Chemistry C, 0, , .	5.5	7