

# 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	A Novel Mechanochromic and Photochromic Polymer Film: When Rhodamine Joins Polyurethane. <i>Advanced Materials</i> , 2015, 27, 6469-6474.	21.0	252
2	Mechanically Induced Multicolor Change of Luminescent Materials. <i>ChemPhysChem</i> , 2015, 16, 1811-1828.	2.1	220
3	Mechanically Induced Multicolor Switching Based on a Single Organic Molecule. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12268-12272.	13.8	201
4	A Mechanochromic Single Crystal: Turning Two Color Changes into a Tricolored Switch. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 519-522.	13.8	196
5	A Single Crystal with Multiple Functions of Optical Waveguide, Aggregation-Induced Emission, and Mechanochromism. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 8910-8918.	8.0	144
6	Crystal-State Photochromism and Dual-Mode Mechanochromism of an Organic Molecule with Fluorescence, Room-Temperature Phosphorescence, and Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16445-16450.	13.8	96
7	A Supramolecule-Triggered Mechanochromic Switch of Cyclodextrin-Cajacketed Rhodamine and Spiropyran Derivatives. <i>Advanced Functional Materials</i> , 2016, 26, 353-364.	14.9	81
8	More than Carbazole Derivatives Activate Room Temperature Ultralong Organic Phosphorescence of Benzoindole Derivatives. <i>Advanced Materials</i> , 2022, 34, e2200544.	21.0	80
9	Stimuli-Responsive Purely Organic Room-Temperature Phosphorescence Materials. <i>Chemistry - A European Journal</i> , 2020, 26, 11914-11930.	3.3	76
10	Fine-tuning the mechanofluorochromic properties of benzothiadiazole-cored cyano-substituted diphenylethene derivatives through D-A effect. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8932-8938.	5.5	69
11	Influence of alkyl length on properties of piezofluorochromic aggregation induced emission compounds derived from 9,10-bis[(N-alkylphenothiazin-3-yl)vinyl]anthracene. <i>Tetrahedron</i> , 2014, 70, 924-929.	1.9	51
12	An ESIPT-based fluorescent switch with AIEE, solvatochromism, mechanochromism and photochromism. <i>Materials Chemistry Frontiers</i> , 2019, 3, 620-625.	5.9	51
13	Pressure-Induced Wide-Range Reversible Emission Shift of Triphenylamine-Substituted Anthracene via Hybridized Local and Charge Transfer (HLCT) Excited State. <i>Advanced Optical Materials</i> , 2018, 6, 1700647.	7.3	49
14	Polymer Mechanochromism from Force-Tuned Excited-State Intramolecular Proton Transfer. <i>Journal of the American Chemical Society</i> , 2022, 144, 9971-9979.	13.7	49
15	A multi-state fluorescent switch with multifunction of AIE, methanol-responsiveness, photochromism and mechanochromism. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10250-10255.	5.5	48
16	Robust White-Light Emitting and Multi-Responsive Luminescence of a Dual-Mode Phosphorescence Molecule. <i>Advanced Optical Materials</i> , 2021, 9, 2001685.	7.3	44
17	Effect of alkyl length dependent crystallinity for the mechanofluorochromic feature of alkyl phenothiazinyl tetraphenylethenyl acrylonitrile derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4786-4791.	5.5	41
18	Determination of residual fipronil and its metabolites in food samples: A review. <i>Trends in Food Science and Technology</i> , 2020, 97, 185-195.	15.1	41

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19	A new organic far-red mechanofluorochromic compound derived from cyano-substituted diarylethene. <i>Tetrahedron</i> , 2013, 69, 10552-10557.	1.9	40
20	An AIE molecule featuring changeable triplet emission between phosphorescence and delayed fluorescence by an external force. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2151-2156.	5.9	35
21	Reaction Cascades in Polymer Mechanochemistry. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3115-3129.	5.9	33
22	Two novel rhodamine-based molecules with different mechanochromic and photochromic properties in solid state. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2270-2274.	5.5	31
23	Controllable multicolor switching of oligopeptide-based mechanochromic molecules: from gel phase to solid powder. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3399-3405.	5.5	30
24	Mechanically controlled FRET to achieve an independent three color switch. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10914-10918.	5.5	30
25	Multiresponsive Tetra-Arylethene-Based Fluorescent Switch with Multicolored Changes: Single-Crystal Photochromism, Mechanochromism, and Acidochromism. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40986-40994.	8.0	30
26	Schiff base-bridged TPE-rhodamine dyad: facile synthesis, distinct response to shearing and hydrostatic pressure, and sequential multicolored acidochromism. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8398-8403.	5.5	27
27	Pressure induced the largest emission wavelength change in a single crystal. <i>Dyes and Pigments</i> , 2019, 162, 136-144.	3.7	26
28	Mechanically induced color change based on the chromophores of anthracene and rhodamine 6G. <i>Tetrahedron Letters</i> , 2015, 56, 393-396.	1.4	25
29	Halogen effect on mechanofluorochromic properties of alkyl phenothiazinyl phenylacrylonitrile derivatives. <i>Dyes and Pigments</i> , 2016, 129, 141-148.	3.7	25
30	Crystal-State Photochromism and Dual-Mode Mechanochromism of an Organic Molecule with Fluorescence, Room-Temperature Phosphorescence, and Delayed Fluorescence. <i>Angewandte Chemie</i> , 2019, 131, 16597-16602.	2.0	25
31	A poly(amidoamine) dendrimer-based nanocarrier conjugated with Angiopep-2 for dual-targeting function in treating glioma cells. <i>Polymer Chemistry</i> , 2016, 7, 715-721.	3.9	24
32	A Mechanochromic and Photochromic Dual-Responsive Co-assembly with Multicolored Switch: A Peptide-Based Dendron Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 34475-34484.	8.0	23
33	Carbazole&benzoinole-based purely organic phosphors: a comprehensive phosphorescence mechanism, tunable lifetime and an advanced encryption system. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14294-14302.	5.5	23
34	The mechanically induced color change from UV to visible region. <i>Tetrahedron Letters</i> , 2013, 54, 6504-6506.	1.4	21
35	A D-A- $\pi$ type organic molecule with persistent phosphorescence exhibiting dual-mode mechanochromism. <i>Dyes and Pigments</i> , 2020, 173, 107963.	3.7	21
36	Pressure-induced emission band separation of the hybridized local and charge transfer excited state in a TPE-based crystal. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 13249-13254.	2.8	19

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37	Recent progress in determination of ochratoxin a in foods by chromatographic and mass spectrometry methods. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 5444-5461.	10.3	18
38	Monitoring mitochondrial ATP in live cells: An ATP multisite-binding fluorescence turn-on probe. <i>Dyes and Pigments</i> , 2019, 163, 559-563.	3.7	17
39	Room-temperature white and color-tunable afterglow by manipulating multi-mode triplet emissions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3257-3263.	5.5	17
40	Mechanochromic and photochromic dual-responsive properties of an amino acid based molecule in polymorphic phase. <i>RSC Advances</i> , 2014, 4, 20239.	3.6	15
41	Pressure-induced remarkable luminescence switch of a dimer form of donor-acceptor-donor triphenylamine (TPA) derivative. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2768-2774.	5.9	15
42	Photochromism of aminobenzopyrano-xanthene with different fluorescent behavior in solution and the crystal state. <i>Journal of Materials Chemistry C</i> , 2019, 7, 275-280.	5.5	14
43	Regulating force-resistance and acid-responsiveness of pure organics with persistent phosphorescence via simple isomerization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5227-5233.	5.5	12
44	Mechanical activation of a dithioester derivative-based retro RAFT-HDA reaction. <i>Polymer Chemistry</i> , 2014, 5, 6893-6897.	3.9	10
45	Phenothiazine-Based Luminophores with AIE, Solvatochromism, and Mechanochromic Characteristics. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11548-11556.	2.6	10
46	Remarkable responsive behaviors of iso-aminobenzopyranoxanthenes: protonation effect, photochromism and piezochromism. <i>Dyes and Pigments</i> , 2019, 162, 831-836.	3.7	9
47	A Tri-state Fluorescent Switch with Gated-Solid-State Photochromism Induced by an External Force. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3713-3718.	3.3	8
48	Multicolored fluorescence variation of a new carbazole-based AIEE molecule by external stimuli. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19195-19201.	2.8	7
49	Doped OD Cs <sub>4</sub> PbCl <sub>6</sub> single crystals featuring full-visible-region colorful luminescence. <i>Journal of Materials Chemistry C</i> , 0, , .	5.5	7
50	Solely 3-Coordinated Organic-Inorganic Hybrid Copper(I) Halide: Hexagonal Channel Structure, Turn-On Response to Mechanical Force, Moisture, and Amine. <i>Inorganic Chemistry</i> , 2022, 61, 8320-8327.	4.0	7
51	A mechano-responsive molecule with tricolored switch. <i>Tetrahedron Letters</i> , 2016, 57, 5377-5380.	1.4	6
52	Rapid sulfite screening using nitrobenzofurazan anchored asymmetric naphthorhodamine via electrostatic attraction mediated reaction kinetics. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126748.	7.8	3
53	Frontispiece: Stimuli-Responsive Purely Organic Room-Temperature Phosphorescence Materials. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	1
54	Ra-Da and Ra-Da-Ia A Structured AIEgens: Relationship between Electronic, Conformational Characteristics and Photophysical Properties. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3082-3089.	2.6	0