

# Zhang Yi

## List of Publications by Year in descending order

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24  
papers

4,215  
citations

471509

17  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3855  
citing authors

#	ARTICLE	IF	CITATIONS
1	The halogen effect of perylene diimide-based non-fullerene acceptors on photovoltaic properties. <i>Dyes and Pigments</i> , 2022, 201, 110232.	3.7	6
2	A hybrid hydrochromic molecular crystal applicable to invisible ink with high reversibility. <i>New Journal of Chemistry</i> , 2021, 45, 21006-21010.	2.8	4
3	Switchable mechanoresponsive luminescence from traditional triphenylamine-thiophene carbaldehyde luminogens. <i>Dyes and Pigments</i> , 2020, 174, 108110.	3.7	8
4	A perylene diimide-containing acceptor enables high fill factor in organic solar cells. <i>Chemical Communications</i> , 2020, 56, 11433-11436.	4.1	30
5	Tuning the molecular geometry and packing mode of non-fullerene acceptors by altering the bridge atoms towards efficient organic solar cells. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2462-2471.	5.9	18
6	Isomerizing thieno[3,4- <i>b</i> ]thiophene-based near-infrared non-fullerene acceptors towards efficient organic solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4357-4364.	5.5	15
7	Achieving Optimal Bulk Heterojunction in All-Polymer Solar Cells by Sequential Processing with Nonorthogonal Solvents. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42438-42446.	8.0	30
8	A H-bond strategy to develop acid-resistant photoswitchable rhodamine spirolactams for super-resolution single-molecule localization microscopy. <i>Chemical Science</i> , 2019, 10, 4914-4922.	7.4	72
9	Recent advances in mechano-responsive luminescence of tetraphenylethylene derivatives with aggregation-induced emission properties. <i>Materials Chemistry Frontiers</i> , 2018, 2, 861-890.	5.9	339
10	Endowing Hydrochromism to Fluorans via Bioinspired Alteration of Molecular Structures and Microenvironments and Expanding Their Potential for Rewritable Paper. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38032-38041.	8.0	50
11	Mechano-Responsive AIE Luminogens. <i>ACS Symposium Series</i> , 2016, , 221-259.	0.5	7
12	A fluorescence molecular switch with high contrast multi-emissions and ON/OFF states. <i>RSC Advances</i> , 2016, 6, 90305-90309.	3.6	20
13	Dynamic Behavior of Molecular Switches in Crystal under Pressure and Its Reflection on Tactile Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 931-939.	13.7	189
14	A new rhodamine based chemodosimeter for Ni <sup>2+</sup> with high sensitivity and selectivity. <i>RSC Advances</i> , 2015, 5, 66416-66419.	3.6	14
15	Very bright mechanoluminescence and remarkable mechanochromism using a tetraphenylethene derivative with aggregation-induced emission. <i>Chemical Science</i> , 2015, 6, 3236-3241.	7.4	281
16	Linearly Tunable Emission Colors Obtained from a Fluorescent-Phosphorescent Dual-Emission Compound by Mechanical Stimuli. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6270-6273.	13.8	315
17	Full-color tunable mechanofluorochromism and excitation-dependent emissions of single-arm extended tetraphenylethylenes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12328-12334.	5.5	66
18	An AIE-active luminophore with tunable and remarkable fluorescence switching based on the piezo and protonation-deprotonation control. <i>Chemical Communications</i> , 2014, 50, 7374-7377.	4.1	161

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19	Supramolecular self-assembly and photophysical properties of pillar[5]arene-stabilized CdTe quantum dots mediated by viologens. RSC Advances, 2013, 3, 5765.	3.6	66
20	End-group effects of piezofluorochromic aggregation-induced enhanced emission compounds containing distyrylanthracene. Journal of Materials Chemistry, 2012, 22, 18505.	6.7	273
21	Recent advances in organic mechanofluorochromic materials. Chemical Society Reviews, 2012, 41, 3878.	38.1	1,575
22	A highly specific rhodamine-based colorimetric probe for hypochlorites: a new sensing strategy and real application in tap water. Chemical Communications, 2011, 47, 3189.	4.1	123
23	Piezofluorochromic Properties and Mechanism of an Aggregation-Induced Emission Enhancement Compound Containing <i>N</i> -Hexyl-phenothiazine and Anthracene Moieties. Journal of Physical Chemistry B, 2011, 115, 7606-7611.	2.6	259
24	Piezofluorochromism of an Aggregation-Induced Emission Compound Derived from Tetraphenylethylene. Chemistry - an Asian Journal, 2011, 6, 808-811.	3.3	294