

# Yujian Zhang

## List of Publications by Citations

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75  
papers

3,714  
citations

34  
h-index

60  
g-index

81  
ext. papers

4,506  
ext. citations

7.6  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
75	A cocrystal strategy to tune the luminescent properties of stilbene-type organic solid-state materials. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 12483-6	16.4	396
74	Molecular crystalline materials with tunable luminescent properties: from polymorphs to multi-component solids. <i>Materials Horizons</i> , <b>2014</b> , 1, 46-57	14.4	326
73	Multicolored-fluorescence switching of ICT-type organic solids with clear color difference: mechanically controlled excited state. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2474-9	4.8	164
72	Two-Component Molecular Materials of 2,5-Diphenyloxazole Exhibiting Tunable Ultraviolet/Blue Polarized Emission, Pump-enhanced Luminescence, and Mechanochromic Response. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 587-594	15.6	159
71	Nano-photosensitizer based on layered double hydroxide and isophthalic acid for singlet oxygenation and photodynamic therapy. <i>Nature Communications</i> , <b>2018</b> , 9, 2798	17.4	156
70	Layered host-guest materials with reversible piezochromic luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7037-40	16.4	155
69	Polymeric electrochromic materials with donor-acceptor structures. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12-28	7.1	141
68	Hierarchical CoFe-layered double hydroxide and g-C <sub>3</sub> N <sub>4</sub> heterostructures with enhanced bifunctional photo/electrocatalytic activity towards overall water splitting. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 520-531	7.8	113
67	A donor-acceptor cruciform system: high contrast mechanochromic properties and multicolour electrochromic behavior. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5365	7.1	112
66	A three-dimensional nickel-chromium layered double hydroxide micro/nanosheet array as an efficient and stable bifunctional electrocatalyst for overall water splitting. <i>Nanoscale</i> , <b>2018</b> , 10, 19484-19491	7.7	111
65	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8773-8778	16.4	91
64	Highly Efficient Ultralong Organic Phosphorescence through Intramolecular-Space Heavy-Atom Effect. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 595-600	6.4	90
63	Smart Luminescent Coordination Polymers toward Multimode Logic Gates: Time-Resolved, Tribochromic and Excitation-Dependent Fluorescence/Phosphorescence Emission. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 17399-17407	9.5	81
62	Cyanostilben-based derivatives: mechanical stimuli-responsive luminophors with aggregation-induced emission enhancement. <i>Photochemical and Photobiological Sciences</i> , <b>2012</b> , 11, 1414-1421	4.2	75
61	Heating and mechanical force-induced luminescence on/off switching of arylamine derivatives with highly distorted structures. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 195-200	7.1	74
60	Ultrasound-assisted construction of halogen-bonded nanosized cocrystals that exhibit thermosensitive luminescence. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8213-9	4.8	71
59	Polymorphic crystals and their luminescence switching of triphenylacrylonitrile derivatives upon solvent vapour, mechanical, and thermal stimuli. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3049-3054	7.1	70

58	Facile formation of 2D Co <sub>2</sub> P@Co <sub>3</sub> O <sub>4</sub> microsheets through in-situ topotactic conversion and surface corrosion: Bifunctional electrocatalysts towards overall water splitting. <i>Journal of Power Sources</i> , <b>2018</b> , 374, 142-148	8.9	70
57	Unique torsional cruciform architectures composed of donor and acceptor axes exhibiting mechanochromic and electrochromic properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3356-3363	7.1	64
56	Mechanochromic and thermochromic fluorescent properties of cyanostilbene derivatives. <i>Dyes and Pigments</i> , <b>2013</b> , 98, 486-492	4.6	63
55	Two-component molecular cocrystals of 9-acetylanthracene with highly tunable one-/two-photon fluorescence and aggregation induced emission. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 2527-2534	7.1	54
54	Fluorescence mutation and structural evolution of a $\pi$ -conjugated molecular crystal during phase transition. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 1257-1262	7.1	50
53	Flexible self-supporting nanofibers thin films showing reversible photochromic fluorescence. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 9904-10	9.5	47
52	Recent advances in photofunctional polymorphs of molecular materials. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1908-1922	8.1	44
51	Confining isolated chromophores for highly efficient blue phosphorescence. <i>Nature Materials</i> , <b>2021</b> , 20, 1539-1544	27	43
50	Construction of Co/Co <sub>3</sub> O <sub>4</sub> ternary core-shell arrays as enhanced anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 585-591	8.9	42
49	Heating and mechanical force-induced turn on fluorescence of cyanostilbene derivative with H-type stacking. <i>CrystEngComm</i> , <b>2013</b> , 15, 8998	3.3	39
48	Two-Component Orderly Molecular Hybrids of Diphenylanthracene: Modulation of Solid-State Aggregation toward Tunable Photophysical Properties and Highly Enhanced Electrochemiluminescence. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 2139-2147	8.1	39
47	Ratiometric pressure sensors based on cyano-substituted oligo(p-phenylene vinylene) derivatives in the hybridized local and charge-transfer excited state. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 9954-9960	7.1	38
46	High-performance asymmetric supercapacitors based on core/shell cobalt oxide/carbon nanowire arrays with enhanced electrochemical energy storage. <i>Electrochimica Acta</i> , <b>2014</b> , 133, 522-528	6.7	36
45	Solvatochromic fluorescent carbon dots as optic noses for sensing volatile organic compounds. <i>RSC Advances</i> , <b>2016</b> , 6, 83501-83504	3.7	35
44	Two-Component Aggregation-Induced Emission Materials: Tunable One/Two-Photon Luminescence and Stimuli-Responsive Switches by Co-Crystal Formation. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800445	8.1	35
43	Construction of carbon nanoflakes shell on CuO nanowires core as enhanced core/shell arrays anode of lithium ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 178, 574-579	6.7	34
42	Piezochromic luminescence of AIE-active molecular co-crystals: tunable multiple hydrogen bonding and molecular packing. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 9660-9666	7.1	34
41	Organic microbelt array based on hydrogen-bond architecture showing polarized fluorescence and two-photon emission. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 4138	7.1	34

40	Multicolored electrochromic copolymer based on 1,4-di(thiophen-3-yl)benzene and 3,4-ethylenedioxythiophene. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 653, 21-26	4.1	32
39	Solid-State TICT-Emissive Cruciform: Aggregation-Enhanced Emission, Deep-Red to Near-Infrared Piezochromism and Imaging In Vivo. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800956	8.1	32
38	Tunable Self-Assembled Micro/Nanostructures of Carboxyl-Functionalized Squarylium Cyanine for Ammonia Sensing. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 7442-7449	15.6	31
37	Stretchable nanofibrous membranes for colorimetric/fluorometric HCl sensing: Highly sensitive charge-transfer excited state. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 254, 785-794	8.5	30
36	Highly efficient luminescent E- and Z-isomers with stable configurations under photoirradiation induced by their charge transfer excited states. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 8097-8104	7.1	30
35	A highly emissive AIE-active luminophore exhibiting deep-red to near-infrared piezochromism and high-quality lasing. <i>Chemical Science</i> , <b>2020</b> , 11, 4007-4015	9.4	29
34	Clear piezochromic behaviors of AIE-active organic powders under hydrostatic pressure. <i>RSC Advances</i> , <b>2016</b> , 6, 1188-1193	3.7	28
33	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8865-8870	3.6	27
32	Effect of stacking mode on the mechanofluorochromic properties of 3-aryl-2-cyano acrylamide derivatives. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 659-663	3.6	27
31	Red to Near-Infrared Mechanochromism from Metal-free Polycrystals: Noncovalent Conformational Locks Facilitating Wide-Range Redshift. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8510-8514	16.4	23
30	Deep-red fluorescence from isolated dimers: a highly bright excimer and imaging. <i>Chemical Science</i> , <b>2020</b> , 11, 6020-6025	9.4	22
29	Highly Bright Fluorescence from Dispersed Dimers: Deep-Red Polymorphs and Wide-Range Piezochromism. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901836	8.1	21
28	Carbon cloth supported vanadium pentaoxide nanoflake arrays as high-performance cathodes for lithium ion batteries. <i>Electrochimica Acta</i> , <b>2014</b> , 149, 349-354	6.7	20
27	Emission enhancement and high sensitivity of a $\pi$ -conjugated dye towards pressure: the synergistic effect of supramolecular interactions and H-aggregation. <i>Chemical Communications</i> , <b>2019</b> , 55, 4735-4738	5.8	19
26	Electrochemical and electrochromic properties of two novel polymers containing carbazole and phenyl-methanone units. <i>Journal of Electroanalytical Chemistry</i> , <b>2013</b> , 689, 291-296	4.1	18
25	Stimuli-responsive fluorescence based on the solid-state bis[2-(2-benzothiazoly)phenolato]zinc(II) complex and its fiber thin film. <i>RSC Advances</i> , <b>2015</b> , 5, 56470-56477	3.7	14
24	Electrochemical and electrochromic properties of a novel copolymer based on perylene and EDOT. <i>Optical Materials</i> , <b>2012</b> , 34, 1529-1534	3.3	14
23	Swivel-Cruciform Configuration Induced Electrochromic Fast Switching Property of Donor-Acceptor Conjugated Polymer Containing 5,5'-Bibenzothiadiazole. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H342-H347	3.9	13

22	Electrochemical and electrochromic properties of bilayer polymer films prepared by electrochemical polymerization based on star-shaped thiophene derivatives. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9566-9573	3.6	10
21	Multi-Mode and Dynamic Persistent Luminescence from Metal Cytosine Halides through Balancing Excited-State Proton Transfer.. <i>Advanced Science</i> , <b>2022</b> , e2200992	13.6	10
20	Ratiometric Piezochromism of Electrospun Polymer Films: Intermolecular Interactions for Enhanced Sensitivity and Color Difference. <i>ChemPlusChem</i> , <b>2018</b> , 83, 132-139	2.8	9
19	From a polyoxotitanium cage to TiO <sub>2</sub> /C composites, a novel strategy for nanoporous materials. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1837-1840	13	9
18	Fluorescent nanoparticles with ultralow chromophore loading for long-term tumor-targeted imaging. <i>Acta Biomaterialia</i> , <b>2020</b> , 111, 398-405	10.8	7
17	Noncrystalline blue-emitting 9,10-diphenylanthracene end-capped with triphenylamine-substituted fluorene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2012</b> , 227, 59-64	4.7	6
16	Organic Luminophores Exhibiting Bimodal Emissions of Fluorescence and Room-Temperature Phosphorescence for Versatile Applications. <i>ChemistrySelect</i> , <b>2020</b> , 5, 12770-12776	1.8	5
15	In-situ electro-polymerization of fluorescent electrochromic thin films based on charge-transfer complexes. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132625	14.7	5
14	A Fluorescent Chemosensor with a Hybridized Local and Charge Transfer Nature and Aggregation-Induced Emission Effect for the Detection of Picric Acid. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2868-2873 <sup>1.8</sup>	1.8	4
13	Organogelator based on long alkyl chain attached excimer precursor: Two channels of TICT, highly efficient and switchable luminescence. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108433	4.6	4
12	Highly Twisted Isomers of Triphenylacrylonitrile Derivatives with High Emission Efficiency and Mechanochromic Behavior. <i>ChemPhysChem</i> , <b>2017</b> , 18, 1481-1485	3.2	4
11	Design of Persistent and Stable Porous Radical Polymers by Electronic Isolation Strategy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24424-24429	16.4	4
10	Multicolor Fluorescence based on Excitation-Dependent Electron Transfer Processes in o-Carborane Dyads.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202115551	16.4	3
9	Excitation-wavelength-dependent anti-thermal quenching of upconversion luminescence in hexagonal NaGdF <sub>4</sub> :Nd <sup>3+</sup> /Yb <sup>3+</sup> /Er <sup>3+</sup> nanocrystals. <i>Journal of Materials Chemistry C</i> , <b>2022</b> , 10, 5109-5115 <sup>7.1</sup>	7.1	3
8	Highly efficient and stable deep-blue room temperature phosphorescence via through-space conjugation. <i>Chemical Engineering Journal</i> , <b>2022</b> , 442, 136179	14.7	3
7	High Contrast and Bright Emission Piezochromic Fluorescence in Organic Crystals via Pressure Modulated Exciton Coupling Effect. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100598	8.1	2
6	Piezochromism of cyanostilbene derivatives: a small structural alteration makes a big photophysical difference. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 12895-12901	3.6	2
5	Integrated electrochromic and electrofluorochemical properties from polyaniline-like polymers with triphenylacrylonitrile as side groups. <i>Electrochimica Acta</i> , <b>2022</b> , 421, 140443	6.7	2

4	Novel nonplanar triphenylamine-centered oligofluorenes: Synthesis, thermal, photophysical and electrochemical properties. <i>Journal of Luminescence</i> , <b>2011</b> , 131, 1758-1764	3.8	1
3	Red to Near-Infrared Mechanochromism from Metal-free Polycrystals: Noncovalent Conformational Locks Facilitating Wide-Range Redshift. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8591-8595	3.6	1
2	Black-to-Transmissive Electrochromism in $\pi$ -Conjugated Polymer-Based Materials and Devices. <i>Advanced Photonics Research</i> , 2000199	1.9	0
1	Design of Persistent and Stable Porous Radical Polymers by Electronic Isolation Strategy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24629	3.6	0