

Yujian Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Multicolor Fluorescence based on Excitation-Dependent Electron Transfer Processes in o-Carborane Dyads.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202115551	16.4	3
74	In-situ electro-polymerization of fluorescent electrochromic thin films based on charge-transfer complexes. <i>Chemical Engineering Journal</i> , 2022 , 428, 132625	14.7	5
73	Excitation-wavelength-dependent anti-thermal quenching of upconversion luminescence in hexagonal NaGdF ₄ :Nd ³⁺ /Yb ³⁺ /Er ³⁺ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5109-5115 ^{7.1}	7.1	3
72	Highly efficient and stable deep-blue room temperature phosphorescence via through-space conjugation. <i>Chemical Engineering Journal</i> , 2022 , 442, 136179	14.7	3
71	Multi-Mode and Dynamic Persistent Luminescence from Metal Cytosine Halides through Balancing Excited-State Proton Transfer.. <i>Advanced Science</i> , 2022 , e2200992	13.6	10
70	Integrated electrochromic and electrofluorochromic properties from polyaniline-like polymers with triphenylacrylonitrile as side groups. <i>Electrochimica Acta</i> , 2022 , 421, 140443	6.7	2
69	Red to Near-Infrared Mechanochromism from Metal-free Polycrystals: Noncovalent Conformational Locks Facilitating Wide-Range Redshift. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8510-8514	16.4	23
68	High Contrast and Bright Emission Piezochromic Fluorescence in Organic Crystals via Pressure Modulated Exciton Coupling Effect. <i>Advanced Optical Materials</i> , 2021 , 9, 2100598	8.1	2
67	Piezochromism of cyanostilbene derivatives: a small structural alteration makes a big photophysical difference. <i>New Journal of Chemistry</i> , 2021 , 45, 12895-12901	3.6	2
66	Red to Near-Infrared Mechanochromism from Metal-free Polycrystals: Noncovalent Conformational Locks Facilitating Wide-Range Redshift. <i>Angewandte Chemie</i> , 2021 , 133, 8591-8595	3.6	1
65	Confining isolated chromophores for highly efficient blue phosphorescence. <i>Nature Materials</i> , 2021 , 20, 1539-1544	27	43
64	Design of Persistent and Stable Porous Radical Polymers by Electronic Isolation Strategy. <i>Angewandte Chemie</i> , 2021 , 133, 24629	3.6	0
63	Design of Persistent and Stable Porous Radical Polymers by Electronic Isolation Strategy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24424-24429	16.4	4
62	A highly emissive AIE-active luminophore exhibiting deep-red to near-infrared piezochromism and high-quality lasing. <i>Chemical Science</i> , 2020 , 11, 4007-4015	9.4	29
61	Highly Bright Fluorescence from Dispersed Dimers: Deep-Red Polymorphs and Wide-Range Piezochromism. <i>Advanced Optical Materials</i> , 2020 , 8, 1901836	8.1	21
60	Organogelator based on long alkyl chain attached excimer precursor: Two channels of TICT, highly efficient and switchable luminescence. <i>Dyes and Pigments</i> , 2020 , 180, 108433	4.6	4
59	Fluorescent nanoparticles with ultralow chromophore loading for long-term tumor-targeted imaging. <i>Acta Biomaterialia</i> , 2020 , 111, 398-405	10.8	7

58	Deep-red fluorescence from isolated dimers: a highly bright excimer and imaging. <i>Chemical Science</i> , 2020 , 11, 6020-6025	9.4	22
57	Organic Luminophores Exhibiting Bimodal Emissions of Fluorescence and Room-Temperature Phosphorescence for Versatile Applications. <i>ChemistrySelect</i> , 2020 , 5, 12770-12776	1.8	5
56	Hierarchical CoFe-layered double hydroxide and g-C ₃ N ₄ heterostructures with enhanced bifunctional photo/electrocatalytic activity towards overall water splitting. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 520-531	7.8	113
55	Highly Efficient Ultralong Organic Phosphorescence through Intramolecular-Space Heavy-Atom Effect. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 595-600	6.4	90
54	Electrochemical and electrochromic properties of bilayer polymer films prepared by electrochemical polymerization based on star-shaped thiophene derivatives. <i>New Journal of Chemistry</i> , 2019 , 43, 9566-9573	3.6	10
53	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8773-8778	16.4	91
52	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> , 2019 , 4, 2868-2873 ^{1.8}		4
51	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie</i> , 2019 , 131, 8865-8870	3.6	27
50	Emission enhancement and high sensitivity of a π -conjugated dye towards pressure: the synergistic effect of supramolecular interactions and H-aggregation. <i>Chemical Communications</i> , 2019 , 55, 4735-4738 ^{5.8}		19
49	Recent advances in photofunctional polymorphs of molecular materials. <i>Chinese Chemical Letters</i> , 2019 , 30, 1908-1922	8.1	44
48	Swivel-Cruciform Configuration Induced Electrochromic Fast Switching Property of Donor-Acceptor Conjugated Polymer Containing 5,5'-Bibenzothiadiazole. <i>Journal of the Electrochemical Society</i> , 2018 , 165, H342-H347	3.9	13
47	Ratiometric Piezochromism of Electrospun Polymer Films: Intermolecular Interactions for Enhanced Sensitivity and Color Difference. <i>ChemPlusChem</i> , 2018 , 83, 132-139	2.8	9
46	Stretchable nanofibrous membranes for colorimetric/fluorometric HCl sensing: Highly sensitive charge-transfer excited state. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 785-794	8.5	30
45	Two-Component Aggregation-Induced Emission Materials: Tunable One/Two-Photon Luminescence and Stimuli-Responsive Switches by Co-Crystal Formation. <i>Advanced Optical Materials</i> , 2018 , 6, 1800445 ^{8.1}		35
44	Nano-photosensitizer based on layered double hydroxide and isophthalic acid for singlet oxygenation and photodynamic therapy. <i>Nature Communications</i> , 2018 , 9, 2798	17.4	156
43	Piezochromic luminescence of AIE-active molecular co-crystals: tunable multiple hydrogen bonding and molecular packing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9660-9666	7.1	34
42	Facile formation of 2D Co ₂ P@Co ₃ O ₄ microsheets through in-situ topotactic conversion and surface corrosion: Bifunctional electrocatalysts towards overall water splitting. <i>Journal of Power Sources</i> , 2018 , 374, 142-148	8.9	70
41	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> , 2018 , 10, 19484-19491 ^{7.7}		111

40	Solid-State TICT-Emissive Cruciform: Aggregation-Enhanced Emission, Deep-Red to Near-Infrared Piezochromism and Imaging In Vivo. <i>Advanced Optical Materials</i> , 2018 , 6, 1800956	8.1	32
39	Smart Luminescent Coordination Polymers toward Multimode Logic Gates: Time-Resolved, Tribochromic and Excitation-Dependent Fluorescence/Phosphorescence Emission. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17399-17407	9.5	81
38	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> , 2017 , 5, 8097-8104	7.1	30
37	Highly Twisted Isomers of Triphenylacrylonitrile Derivatives with High Emission Efficiency and Mechanochromic Behavior. <i>ChemPhysChem</i> , 2017 , 18, 1481-1485	3.2	4
36	Polymeric electrochromic materials with donor-acceptor structures. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12-28	7.1	141
35	Solvatochromic fluorescent carbon dots as optic noses for sensing volatile organic compounds. <i>RSC Advances</i> , 2016 , 6, 83501-83504	3.7	35
34	Fluorescence mutation and structural evolution of a π -conjugated molecular crystal during phase transition. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1257-1262	7.1	50
33	Clear piezochromic behaviors of AIE-active organic powders under hydrostatic pressure. <i>RSC Advances</i> , 2016 , 6, 1188-1193	3.7	28
32	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> , 2016 , 4, 2527-2534	7.1	54
31	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> , 2016 , 4, 9954-9960	7.1	38
30	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> , 2016 , 4, 2139-2147	8.1	39
29	Unique torsional cruciform architectures composed of donor and acceptor axes exhibiting mechanochromic and electrochromic properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3356-3363	7.1	64
28	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> , 2015 , 5, 56470-56477	3.7	14
27	Flexible self-supporting nanofibers thin films showing reversible photochromic fluorescence. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9904-10	9.5	47
26	Construction of carbon nanoflakes shell on CuO nanowires core as enhanced core/shell arrays anode of lithium ion batteries. <i>Electrochimica Acta</i> , 2015 , 178, 574-579	6.7	34
25	Effect of stacking mode on the mechanofluoro-chromic properties of 3-aryl-2-cyano acrylamide derivatives. <i>New Journal of Chemistry</i> , 2015 , 39, 659-663	3.6	27
24	Tunable Self-Assembled Micro/Nanostructures of Carboxyl-Functionalized Squarylium Cyanine for Ammonia Sensing. <i>Advanced Functional Materials</i> , 2015 , 25, 7442-7449	15.6	31
23	Construction of Co/Co ₃ O ₄ ternary core-branch arrays as enhanced anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2015 , 293, 585-591	8.9	42

22	From a polyoxotitanium cage to TiO ₂ /C composites, a novel strategy for nanoporous materials. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1837-1840	13	9
21	Polymorphic crystals and their luminescence switching of triphenylacrylonitrile derivatives upon solvent vapour, mechanical, and thermal stimuli. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3049-3054	7.1	70
20	Multicolored-fluorescence switching of ICT-type organic solids with clear color difference: mechanically controlled excited state. <i>Chemistry - A European Journal</i> , 2015 , 21, 2474-9	4.8	164
19	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> , 2014 , 24, 587-594	15.6	159
18	Heating and mechanical force-induced luminescence on/off switching of arylamine derivatives with highly distorted structures. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 195-200	7.1	74
17	Carbon cloth supported vanadium pentoxide nanoflake arrays as high-performance cathodes for lithium ion batteries. <i>Electrochimica Acta</i> , 2014 , 149, 349-354	6.7	20
16	A donor-acceptor cruciform system: high contrast mechanochromic properties and multicolour electrochromic behavior. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5365	7.1	112
15	Molecular crystalline materials with tunable luminescent properties: from polymorphs to multi-component solids. <i>Materials Horizons</i> , 2014 , 1, 46-57	14.4	326
14	High-performance asymmetric supercapacitors based on core/shell cobalt oxide/carbon nanowire arrays with enhanced electrochemical energy storage. <i>Electrochimica Acta</i> , 2014 , 133, 522-528	6.7	36
13	Mechanochromic and thermochromic fluorescent properties of cyanostilbene derivatives. <i>Dyes and Pigments</i> , 2013 , 98, 486-492	4.6	63
12	Electrochemical and electrochromic properties of two novel polymers containing carbazole and phenyl-methanone units. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 689, 291-296	4.1	18
11	Heating and mechanical force-induced turn on/off fluorescence of cyanostilbene derivative with H-type stacking. <i>CrystEngComm</i> , 2013 , 15, 8998	3.3	39
10	Ultrasound-assisted construction of halogen-bonded nanosized cocrystals that exhibit thermosensitive luminescence. <i>Chemistry - A European Journal</i> , 2013 , 19, 8213-9	4.8	71
9	Organic microbelt array based on hydrogen-bond architecture showing polarized fluorescence and two-photon emission. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4138	7.1	34
8	Noncrystalline blue-emitting 9,10-diphenylanthracene end-capped with triphenylamine-substituted fluorene. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 227, 59-64	4.7	6
7	Electrochemical and electrochromic properties of a novel copolymer based on perylene and EDOT. <i>Optical Materials</i> , 2012 , 34, 1529-1534	3.3	14
6	Cyanostilben-based derivatives: mechanical stimuli-responsive luminophors with aggregation-induced emission enhancement. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1414-21	4.2	75
5	Layered host-guest materials with reversible piezochromic luminescence. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7037-40	16.4	155

4	A cocrystal strategy to tune the luminescent properties of stilbene-type organic solid-state materials. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12483-6	16.4	396
3	Multicolored electrochromic copolymer based on 1,4-di(thiophen-3-yl)benzene and 3,4-ethylenedioxythiophene. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 653, 21-26	4.1	32
2	Novel nonplanar triphenylamine-centered oligofluorenes: Synthesis, thermal, photophysical and electrochemical properties. <i>Journal of Luminescence</i> , 2011 , 131, 1758-1764	3.8	1
1	Black-to-Transmissive Electrochromism in π -Conjugated Polymer-Based Materials and Devices. <i>Advanced Photonics Research</i> , 2000199	1.9	0