

Zhiyun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,091
citations

304368

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docs citations

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times ranked

2256
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New insight into mechanochromic property of one N,N ² -disubstituted-dihydrodibenzo[a ^c]phenazine derivative. <i>Dyes and Pigments</i> , 2022, 199, 110096. | 2.0 | 1 |
| 2 | Transparent ² “Flexible ² “Moldable Low-Temperature Thermometer Constructed by Harnessing Vibration-Induced Emission of Dihydrophenazine in Polydimethylsiloxane. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1636-1642. | 2.0 | 8 |
| 3 | Interplay of Steric Effects and Aromaticity Reversals to Expand the Structural/Electronic Responses of Dihydrophenazines. <i>Journal of the American Chemical Society</i> , 2022, 144, 4883-4896. | 6.6 | 17 |
| 4 | Photoconductance from the Bent-to-Planar Photocycle between Ground and Excited States in Single-Molecule Junctions. <i>Journal of the American Chemical Society</i> , 2022, 144, 10042-10052. | 6.6 | 18 |
| 5 | Extending the Stokes Shifts of Donor ² “Acceptor Fluorophores by Regulating the Donor Configuration for <i>In Vivo</i> Three-Photon Fluorescence Imaging. <i>Chemistry of Materials</i> , 2022, 34, 5999-6008. | 3.2 | 16 |
| 6 | Spatial Confinements Control the Multicolor Solid Fluorescence Based on the Dihydrophenazine Derivative. , 2022, 4, 1462-1467. | | 2 |
| 7 | Temperature-responsive molecular liquids based on dihydrophenazines for dynamic multicolor-fluorescent anti-counterfeiting and encryption. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2294-2302. | 3.2 | 22 |
| 8 | Aggregation-induced emission fluorophores based on strong electron-acceptor 2,2 ² -(anthracene-9,10-diylidene) dimalononitrile for biological imaging in the NIR-II window. <i>Chemical Communications</i> , 2021, 57, 3099-3102. | 2.2 | 14 |
| 9 | Through-Space Exciton Delocalization in Segregated HJ-Crystalline Molecular Aggregates. <i>Journal of Physical Chemistry A</i> , 2021, 125, 943-953. | 1.1 | 7 |
| 10 | Simultaneous Two-Color Visualization of Lipid Droplets and Endoplasmic Reticulum and Their Interplay by Single Fluorescent Probes in Lambda Mode. <i>Journal of the American Chemical Society</i> , 2021, 143, 3169-3179. | 6.6 | 154 |
| 11 | Donor-conformation-dependent energy transfer for dual-color fluorescent probe with high-resolution imaging. <i>Science China Chemistry</i> , 2021, 64, 1310-1315. | 4.2 | 6 |
| 12 | Development of reaction-free and mitochondrion-immobilized fluorescent probe for monitoring pH change. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 129962. | 4.0 | 17 |
| 13 | Combination of Two Colorless Fluorophores for Full-Color Red-Green-Blue Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38629-38636. | 4.0 | 9 |
| 14 | A Small ² “Molecule Diketopyrrolopyrrole ² “Based Dye for <i>In Vivo</i> NIR ² “Fluorescence Bioimaging. <i>Chemistry - A European Journal</i> , 2021, 27, 14240-14249. | 1.7 | 11 |
| 15 | Vibration ² “Induced Emission (VIE) of <i>N,N</i> ² “Disubstituted ² “Dihydrobenzo[<i>a</i> , <i>c</i>]phenazines: Fundamental Understanding and Emerging Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1902803. | 7.8 | 52 |
| 16 | Smart molecular butterfly: an ultra-sensitive and range-tunable ratiometric thermometer based on dihydrophenazines. <i>Materials Horizons</i> , 2020, 7, 615-623. | 6.4 | 37 |
| 17 | Supramolecular Assembly-Driven Color-Tuning and White-Light Emission Based on Crown-Ether-Functionalized Dihydrophenazine. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10875-10882. | 4.0 | 26 |
| 18 | Diversified Excited ² “State Relaxation Pathways of Donor ² “Linker ² “Acceptor Dyads Controlled by a Bent ² “to ² “Planar Motion of the Donor. <i>Angewandte Chemie</i> , 2020, 132, 18770-18777. | 1.6 | 2 |

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|----|---|-----|-----------|
| 19 | Fluorescence Probes Exhibit Photoinduced Structural Planarization: Sensing In Vitro and In Vivo Microscopic Dynamics of Viscosity Free from Polarity Interference. <i>ACS Chemical Biology</i> , 2020, 15, 1862-1873. | 1.6 | 28 |
| 20 | Insights into energy transfer pathways between the exciplex host and fluorescent guest: attaining highly efficient 710 nm electroluminescence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5704-5714. | 2.7 | 15 |
| 21 | Diversified Excited-State Relaxation Pathways of Donor-Linker-Acceptor Dyads Controlled by a Bent-to-Planar Motion of the Donor. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18611-18618. | 7.2 | 20 |
| 22 | Modular synthesis of (C-10 to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Td (C-13)-substituted-9,14-diaryl-9,14-dihydrodibenzo[<i>a</i> , <i>c</i>]phenazines. <i>Chemical Communications</i> , 2020, 56, 2260-2263. | 2.2 | 7 |
| 23 | A novel colorimetric and fluorometric probe for the detection of CN ²⁺ with high selectivity in aqueous media. <i>Dyes and Pigments</i> , 2020, 176, 108224. | 2.0 | 24 |
| 24 | The endeavor of vibration-induced emission (VIE) for dynamic emissions. <i>Chemical Science</i> , 2020, 11, 7525-7537. | 3.7 | 56 |
| 25 | Molecular Cursor Caliper: A Fluorescent Sensor for Dicarboxylate Dianions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14798-14806. | 6.6 | 90 |
| 26 | Measuring the Microphase Separation Scale of Polyurethanes with a Vibration-Induced Emission-Based Ratiometric Fluorescent Ruler. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39351-39358. | 4.0 | 27 |
| 27 | Mechanochromism induced through the interplay between excimer reaction and excited state intramolecular proton transfer. <i>Communications Chemistry</i> , 2019, 2, . | 2.0 | 28 |
| 28 | Ratiometric Indicator Based on Vibration-Induced Emission for in Situ and Real-Time Monitoring of Gelation Processes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20205-20212. | 4.0 | 21 |
| 29 | Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing <i>ortho</i> -Methyl Groups. <i>Angewandte Chemie</i> , 2018, 130, 10028-10032. | 1.6 | 17 |
| 30 | Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing <i>ortho</i> -Methyl Groups. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9880-9884. | 7.2 | 77 |
| 31 | Snapshotting the Excited-State Planarization of Chemically Locked <i>N,N</i> -Disubstituted Dihydrodibenzo[<i>a</i> , <i>c</i>]phenazines. <i>Journal of the American Chemical Society</i> , 2017, 139, 1636-1644. | 6.6 | 124 |
| 32 | The Quest of Excited-State Intramolecular Proton Transfer via Eight-Membered Ring- π -Conjugated Hydrogen Bonding System. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3010-3015. | 1.7 | 7 |
| 33 | Phenazine-Based Ratiometric Hg ²⁺ Probes with Well-Resolved Dual Emissions: A New Sensing Mechanism by Vibration-Induced Emission (VIE). <i>Small</i> , 2016, 12, 6542-6546. | 5.2 | 55 |
| 34 | Control of the Reversibility of Excited-State Intramolecular Proton Transfer (ESIPT) Reaction: Host-Polarity Tuning White Organic Light Emitting Diode on a New Thiazolo[5,4- <i>d</i>]thiazole ESIPT System. <i>Chemistry of Materials</i> , 2016, 28, 8815-8824. | 3.2 | 171 |
| 35 | Cu-catalyzed C-H amination/Ullmann N-arylation domino reaction: a straightforward synthesis of 9,14-diaryl-9,14-dihydrodibenzo[<i>a</i> , <i>c</i>]phenazine. <i>Chemical Communications</i> , 2016, 52, 5459-5462. | 2.2 | 33 |
| 36 | Sequential oligodiacetylene formation for progressive luminescent color conversion via co-micellar strategy. <i>Chemical Science</i> , 2016, 7, 2058-2065. | 3.7 | 34 |

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|----|--|------|-----------|
| 37 | Highly sensitive detection of low-level water content in organic solvents and cyanide in aqueous media using novel solvatochromic AIEE fluorophores. <i>RSC Advances</i> , 2015, 5, 12191-12201. | 1.7 | 78 |
| 38 | Excited-State Conformational/Electronic Responses of Saddle-Shaped <i>N,N</i> -Disubstituted-Dihydrodibenzo[<i>a,c</i>]phenazines: Wide-Tuning Emission from Red to Deep Blue and White Light Combination. <i>Journal of the American Chemical Society</i> , 2015, 137, 8509-8520. | 6.6 | 264 |
| 39 | A silole copolymer containing a ladder-type heptacyclic arene and naphthobisoxadiazole moieties for highly efficient polymer solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 552-557. | 15.6 | 61 |
| 40 | New six- and seven-membered ring pyrrole-pyridine hydrogen bond systems undergoing excited-state intramolecular proton transfer. <i>Chemical Communications</i> , 2014, 50, 15026-15029. | 2.2 | 52 |
| 41 | Highly sensitive determination of low-level water content in organic solvents using novel solvatochromic dyes based on thioxanthone. <i>Chemical Communications</i> , 2013, 49, 7319. | 2.2 | 107 |
| 42 | Color-Tunable Solid-State Emission of 2,2'-Biindenyl-Based Fluorophores. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11654-11657. | 7.2 | 254 |
| 43 | Vibratile Dihydrophenazines with Controllable Luminescence Enabled by Precise Regulation of π -Conjugated Wings. <i>CCS Chemistry</i> , 0, , 2239-2248. | 4.6 | 21 |