

# Yanrong Zhang

## List of Publications by Year in descending order

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23  
papers

665  
citations

623734

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h-index

642732

23  
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23  
docs citations

23  
times ranked

1103  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Fluorenone Organic Crystals: Two-Color Luminescence Switching and Reversible Phase Transformations between $\pi$ - $\pi$ Stacking-Directed Packing and Hydrogen Bond-Directed Packing. <i>Chemistry of Materials</i> , 2014, 26, 2467-2477.        | 6.7  | 207       |
| 2  | Small Molecule-Initiated Light-Activated Semiconducting Polymer Dots: An Integrated Nanoplatform for Targeted Photodynamic Therapy and Imaging of Cancer Cells. <i>Analytical Chemistry</i> , 2014, 86, 3092-3099.                                 | 6.5  | 95        |
| 3  | Electronic effect on the photophysical properties of 2-(2-hydroxyphenyl)benzothiazole-based excited state intramolecular proton transfer fluorophores synthesized by Sonogashira-coupling reaction. <i>Dyes and Pigments</i> , 2017, 136, 732-741. | 3.7  | 44        |
| 4  | Excited State Intramolecular Proton Transfer in Ethynyl-Extended Regioisomers of 2-(2-Hydroxyphenyl)benzothiazole: Effects of the Position and Electronic Nature of Substituent Groups. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3454-3464. | 3.3  | 32        |
| 5  | Fabrication of Reversible Poly(dimethylsiloxane) Surfaces via Host-Guest Chemistry and Their Repeated Utilization in Cardiac Biomarker Analysis. <i>Analytical Chemistry</i> , 2011, 83, 9651-9659.  | 6.5  | 29        |
| 6  | Benzothiazole modified rhodol as chemodosimeter for the detection of sulfur mustard simulant. <i>Talanta</i> , 2018, 189, 39-44.   | 5.5  | 27        |
| 7  | Nitrostyrene-Modified 2-(2-Hydroxyphenyl)benzothiazole: Enol-Emission Solvatochromism by ESICT-ESIPT and Aggregation-Induced Emission Enhancement. <i>Chemistry - A European Journal</i> , 2018, 24, 16670-16676.                                  | 3.3  | 25        |
| 8  | An enzymatic immunoassay microfluidics integrated with membrane valves for microsphere retention and reagent mixing. <i>Biosensors and Bioelectronics</i> , 2012, 35, 147-154.   | 10.1 | 23        |
| 9  | Experimental and DFT studies of disubstituted 2-(2-hydroxyphenyl)benzothiazole-based fluorophores synthesized by Suzuki coupling. <i>New Journal of Chemistry</i> , 2017, 41, 9796-9805.   | 2.8  | 21        |
| 10 | Acid-Induced Shift of Intramolecular Hydrogen Bonding Responsible for Excited-State Intramolecular Proton Transfer. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1735-1743.   | 3.3  | 21        |
| 11 | Effect of $\pi$ -conjugation on solid-state fluorescence in highly planar dyes bearing an intramolecular H-bond. <i>Dyes and Pigments</i> , 2020, 182, 108665.   | 3.7  | 21        |
| 12 | An OR-AND logic gate based multifunctional colorimetric sensor for the discrimination of Pb <sup>2+</sup> and Cd <sup>2+</sup> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118163.                 | 3.9  | 18        |
| 13 | A perpendicular phenyl-induced exceedingly efficient solid-state excited state intramolecular proton transfer fluorophore based on 2-(2-hydroxyphenyl)benzothiazole. <i>Dyes and Pigments</i> , 2017, 142, 365-370.                                | 3.7  | 16        |
| 14 | Self-immolative trigger-initiated polydiacetylene probe for $\beta$ -glucuronidase activity. <i>RSC Advances</i> , 2014, 4, 16820-16823.   | 3.6  | 15        |
| 15 | Pyrene meets 2-(2-hydroxyphenyl)benzothiazole: Creation of highly efficient solid-state monomeric emitter for organic light-emitting diode. <i>Dyes and Pigments</i> , 2019, 170, 107594.  | 3.7  | 15        |
| 16 | Tuning relaxation pathways and aggregate-state fluorescence properties of 2-(2-hydroxyphenyl)benzothiazole derivatives by switching position of electron-withdrawing substituent. <i>Dyes and Pigments</i> , 2021, 191, 109359.                    | 3.7  | 13        |
| 17 | Naphthalimide/benzimide-based excited-state intramolecular proton transfer active luminogens: aggregation-induced enhanced emission and potential for chemical modification. <i>New Journal of Chemistry</i> , 2019, 43, 9152-9161.                | 2.8  | 9         |
| 18 | Monocomponent Nanodots with Dichromatic Output Regulated by Synergistic Dual-Stimuli for Cervical Cancer Tissue Imaging and Photodynamic Tumor Therapy. <i>Analytical Chemistry</i> , 2022, 94, 811-819.   | 6.5  | 9         |

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|----|---|-----|-----------|
| 19 | Planar 2-(2-hydroxyphenyl)benzothiazole-based dyes functionalized via triple bonds as exceedingly efficient solid-state fluorophores. <i>CrystEngComm</i> , 2017, 19, 5178-5183.                    | 2.6 | 7         |
| 20 | Effect of Conjugation Mode on Intramolecular Charge Transfer in Fabricating Acid-Responsive Fluorophores. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3883-3892.                                | 3.3 | 7         |
| 21 | Dicyanomethylene-benzopyran-based alkynyl conjugatable near-infrared fluorescent probe for detection of fluoride anion. <i>ChemistrySelect</i> , 2016, 1, 114-118.                                  | 1.5 | 5         |
| 22 | Adamantyl-terminated dendronized molecules: synthesis and interaction with $\beta$ -cyclodextrin-functionalized poly(dimethylsiloxane) interface. <i>New Journal of Chemistry</i> , 2013, 37, 2358. | 2.8 | 4         |
| 23 | Exceedingly Large Stokes Shift Induced by Low-Barrier H-Bond-Assisted Internal Charge Transfer. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 794-797.                                       | 2.7 | 2         |