

Yanrong Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Effect of π -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
4	An "OR-AND" logic gate based multifunctional colorimetric sensor for the discrimination of Pb ²⁺ and Cd ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118163.	3.9	18
5	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
6	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
7	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
8	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
9	Benzothiazole modified rhodol as chemodosimeter for the detection of sulfur mustard simulant. <i>Talanta</i> , 2018, 189, 39-44.	5.5	27
10	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
11	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
12	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
13	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
14	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
15	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
16	Dicyanomethylene-benzopyran-based alkynyl conjugatable near-infrared fluorescent probe for detection of fluoride anion. <i>ChemistrySelect</i> , 2016, 1, 114-118.	1.5	5
17	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
18	Fluorenone Organic Crystals: Two-Color Luminescence Switching and Reversible Phase Transformations between π - π Stacking-Directed Packing and Hydrogen Bond-Directed Packing. <i>Chemistry of Materials</i> , 2014, 26, 2467-2477.	6.7	207

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19	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
20	Self-immolative trigger-initiated polydiacetylene probe for β -glucuronidase activity. <i>RSC Advances</i> , 2014, 4, 16820-16823.	3.6	15
21	Adamantyl-terminated dendronized molecules: synthesis and interaction with β -cyclodextrin-functionalized poly(dimethylsiloxane) interface. <i>New Journal of Chemistry</i> , 2013, 37, 2358.	2.8	4
22	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
23	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