

Aijun Tong

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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.

38
papers

1,722
citations

18
h-index

41
g-index

41
ext. papers

1,927
ext. citations

6.3
avg, IF

4.86
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 38 | A ratiometric solid AIE sensor for detection of acetone vapor. <i>Talanta</i> , 2022 , 236, 122845 | 6.2 | 2 |
| 37 | Typical AIEgens Design 2022 , 53-96 | | |
| 36 | Post-Synthetic Modification of Oligonucleotides Through Oxidative Amination of 4-Thio-2'-Deoxyuridine. <i>Current Protocols</i> , 2021 , 1, e274 | | |
| 35 | General Method for Post-Synthetic Modification of Oligonucleotides Based on Oxidative Amination of 4-Thio-2'-deoxyuridine. <i>Bioconjugate Chemistry</i> , 2021 , 32, 721-728 | 6.3 | 2 |
| 34 | Organic Nanoparticles with Persistent Luminescence for In Vivo Afterglow Imaging-Guided Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021 , 27, 6911-6916 | 4.8 | 5 |
| 33 | Long-Term Dynamic Imaging of Cellular Processes Using an AIE Lipid Order Probe in the Dual-Color Mode. <i>Analytical Chemistry</i> , 2021 , 93, 10272-10281 | 7.8 | 5 |
| 32 | Construction and optimization mechanisms of carbon fiber-based flow-through electrode system (FES) with stackable multi-cathode units for water disinfection. <i>Journal of Hazardous Materials</i> , 2020 , 399, 123065 | 12.8 | 6 |
| 31 | Simultaneously and Selectively Imaging a Cytoplasm Membrane and Mitochondria Using a Dual-Colored Aggregation-Induced Emission Probe. <i>Analytical Chemistry</i> , 2020 , 92, 14494-14500 | 7.8 | 16 |
| 30 | Patterned, Wearable UV Indicators from Electrospun Photochromic Fibers and Yarns. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000564 | 6.8 | 13 |
| 29 | Enhancing Catalytic Activity of Uranyl-Dependent DNAzyme by Flexible Linker Insertion for More Sensitive Detection of Uranyl Ion. <i>Analytical Chemistry</i> , 2019 , 91, 6608-6615 | 7.8 | 14 |
| 28 | Tuning Emission Wavelength of Polymorphous Crystal via Controllable Alkyl Chain Stacking and Its Vapor- and Thermo-Responsive Fluorescence. <i>Chemistry - A European Journal</i> , 2019 , 25, 8043-8052 | 4.8 | 4 |
| 27 | Chlorine disinfection significantly aggravated the biofouling of reverse osmosis membrane used for municipal wastewater reclamation. <i>Water Research</i> , 2019 , 154, 246-257 | 12.5 | 53 |
| 26 | Selective and sensitive fluorescence "turn-on" detection of 4-thiouridine in nucleic acids via oxidative amination. <i>Chemical Communications</i> , 2019 , 55, 13096-13099 | 5.8 | 5 |
| 25 | A simple design of fluorescent probes for indirect detection of β -lactamase based on AIE and ESIPT processes. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3922-3926 | 7.3 | 18 |
| 24 | Rational Design of a Red-Emissive Fluorophore with AIE and ESIPT Characteristics and Its Application in Light-Up Sensing of Esterase. <i>Analytical Chemistry</i> , 2017 , 89, 3162-3168 | 7.8 | 112 |
| 23 | Photocaged G-Quadruplex DNAzyme and Aptamer by Post-Synthetic Modification on Phosphodiester Backbone. <i>Bioconjugate Chemistry</i> , 2017 , 28, 549-555 | 6.3 | 18 |
| 22 | Mechanoresponsive Fluorescence of 2-Aminobenzophenone Derivatives Based on Amorphous Phase to Crystalline Transformation with High Off/On Contrast Ratio. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 21610-21615 | 3.8 | 18 |

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| 21 | Photoactivatable aggregation-induced emission of triphenylmethanol. <i>Chemical Communications</i> , 2017 , 53, 11130-11133 | 5.8 | 11 |
| 20 | Cationic Peptide Conjugation Enhances the Activity of Peroxidase-Mimicking DNAzymes. <i>Bioconjugate Chemistry</i> , 2016 , 27, 621-7 | 6.3 | 16 |
| 19 | Postsynthetic Modification of DNA Phosphodiester Backbone for Photocaged DNAzyme. <i>ACS Chemical Biology</i> , 2016 , 11, 444-51 | 4.9 | 44 |
| 18 | Aggregation-Induced Emission Luminogen-Embedded Silica Nanoparticles Containing DNA Aptamers for Targeted Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 609-16 | 9.5 | 57 |
| 17 | A fluorescent light-up probe based on AIE and ESIPT processes for β -galactosidase activity detection and visualization in living cells. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9168-9172 | 7.3 | 93 |
| 16 | A general approach for rational design of fluorescent DNA aptazyme sensors based on target-induced unfolding of DNA hairpins. <i>Analytica Chimica Acta</i> , 2015 , 889, 179-86 | 6.6 | 14 |
| 15 | Fluorescence turn-on detection of pyrophosphate based on aggregation-induced emission property of 5-chlorosalicylaldehyde azine. <i>Analytical Methods</i> , 2015 , 7, 753-758 | 3.2 | 22 |
| 14 | A label-free and sensitive fluorescent method for the detection of uracil-DNA glycosylase activity. <i>Chemical Communications</i> , 2015 , 51, 929-32 | 5.8 | 37 |
| 13 | Crystal Violet Lactone Salicylaldehyde Hydrazone Zn(II) Complex: a Reversible Photochromic Material both in Solution and in Solid Matrix. <i>Scientific Reports</i> , 2015 , 5, 14467 | 4.9 | 12 |
| 12 | Fluorescence turn-on detection of cysteine over homocysteine and glutathione based on ESIPT and AIE. <i>Analytical Methods</i> , 2015 , 7, 5028-5033 | 3.2 | 28 |
| 11 | Photoactivatable aggregation-induced emission fluorophores with multiple-color fluorescence and wavelength-selective activation. <i>Chemistry - A European Journal</i> , 2015 , 21, 4326-32 | 4.8 | 46 |
| 10 | Readily accessible rhodamine B-based photoresponsive material. <i>Science China Chemistry</i> , 2014 , 57, 248-251 | 7.5 | 15 |
| 9 | A ratiometric fluorescent chemosensor for Al^{3+} in aqueous solution based on aggregation-induced emission and its application in live-cell imaging. <i>Analytica Chimica Acta</i> , 2014 , 829, 54-9 | 6.6 | 73 |
| 8 | A fluorescent probe for thiols based on aggregation-induced emission and its application in live-cell imaging. <i>Dyes and Pigments</i> , 2014 , 108, 24-31 | 4.6 | 67 |
| 7 | Reversible Thermochromism of Aggregation-Induced Emission-Active Benzophenone Azine Based on Polymorph-Dependent Excited-State Intramolecular Proton Transfer Fluorescence. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3467-3474 | 3.8 | 142 |
| 6 | A ratiometric fluorescent probe for hydrophobic proteins in aqueous solution based on aggregation-induced emission. <i>Analyt. The</i> , 2013 , 138, 2068-72 | 5 | 46 |
| 5 | Organic Crystalline Solids Response to Piezo/thermo Stimulus: Donor-Acceptor (D-A) Attached Salicylaldehyde Azine Derivatives. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 14353-14359 | 3.8 | 47 |
| 4 | A ratiometric fluorescent pH probe based on aggregation-induced emission enhancement and its application in live-cell imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13470 | | 101 |

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| 3 | Abasic site-containing DNAzyme and aptamer for label-free fluorescent detection of Pb(2+) and adenosine with high sensitivity, selectivity, and tunable dynamic range. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15352-7 | 16.4 | 313 |
| 2 | Salicylaldehyde azines as fluorophores of aggregation-induced emission enhancement characteristics. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2163-6 | 4.2 | 244 |
| 1 | Partitioning of Porphyrin Compounds in An Aqueous Two-phase System of Cationic-anionic Surfactant Mixture.. <i>Analytical Sciences</i> , 1997 , 13, 111-114 | 1.7 | 3 |