Aijun Tong

List of Publications by Citations

38	1,722	18	41
papers	citations	h-index	g-index
41	1,927	6.3	4.86
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
38	Abasic site-containing DNAzyme and aptamer for label-free fluorescent detection of Pb(2+) and adenosine with high sensitivity, selectivity, and tunable dynamic range. *Journal of the American Chemical Society*, **2009**, 131, 15352-7	16.4	313
37	Salicylaldehyde azines as fluorophores of aggregation-induced emission enhancement characteristics. *Journal of Organic Chemistry*, **2009**, 74, 2163-6	4.2	244
36	Reversible Thermochromism of Aggregation-Induced Emission-Active Benzophenone Azine Based on Polymorph-Dependent Excited-State Intramolecular Proton Transfer Fluorescence. *Journal of Physical Chemistry C*, **2013**, 117, 3467-3474	3.8	142
35	Rational Design of a Red-Emissive Fluorophore with AIE and ESIPT Characteristics and Its Application in Light-Up Sensing of Esterase. *Analytical Chemistry*, **2017**, 89, 3162-3168	7.8	112
34	A ratiometric fluorescent pH probe based on aggregation-induced emission enhancement and its application in live-cell imaging. *Journal of Materials Chemistry*, **2011**, 21, 13470		101
33	A fluorescent light-up probe based on AIE and ESIPT processes for β-galactosidase activity detection and visualization in living cells. *Journal of Materials Chemistry B*, **2015**, 3, 9168-9172	7.3	93
32	A ratiometric fluorescent chemosensor for Al3+ in aqueous solution based on aggregation-induced emission and its application in live-cell imaging. *Analytica Chimica Acta*, **2014**, 829, 54-9	6.6	73
31	A fluorescent probe for thiols based on aggregation-induced emission and its application in live-cell imaging. *Dyes and Pigments*, **2014**, 108, 24-31	4.6	67
30	Aggregation-Induced Emission Luminogen-Embedded Silica Nanoparticles Containing DNA Aptamers for Targeted Cell Imaging. *ACS Applied Materials & Interfaces*, **2016**, 8, 609-16	9.5	57
29	Chlorine disinfection significantly aggravated the biofouling of reverse osmosis membrane used for municipal wastewater reclamation. *Water Research*, **2019**, 154, 246-257	12.5	53
28	Organic Crystalline Solids Response to Piezo/thermo Stimulus: Donor–Acceptor (D–A) Attached Salicylaldehyde Azine Derivatives. *Journal of Physical Chemistry C*, **2011**, 115, 14353-14359	3.8	47
27	A ratiometric fluorescent probe for hydrophobic proteins in aqueous solution based on aggregation-induced emission. *Analyst, The*, **2013**, 138, 2068-72	5	46
26	Photoactivatable aggregation-induced emission fluorophores with multiple-color fluorescence and wavelength-selective activation. *Chemistry - A European Journal*, **2015**, 21, 4326-32	4.8	46
25	Postsynthetic Modification of DNA Phosphodiester Backbone for Photocaged DNAzyme. *ACS Chemical Biology*, **2016**, 11, 444-51	4.9	44
24	A label-free and sensitive fluorescent method for the detection of uracil-DNA glycosylase activity. *Chemical Communications*, **2015**, 51, 929-32	5.8	37
23	Fluorescence turn-on detection of cysteine over homocysteine and glutathione based on ESIPT and AIE. *Analytical Methods*, **2015**, 7, 5028-5033	3.2	28
22	Fluorescence turn-on detection of pyrophosphate based on aggregation-induced emission property of 5-chlorosalicylaldehyde azine. *Analytical Methods*, **2015**, 7, 753-758	3.2	22

21	Photocaged G-Quadruplex DNAzyme and Aptamer by Post-Synthetic Modification on Phosphodiester Backbone. *Bioconjugate Chemistry*, **2017**, 28, 549-555	6.3	18
20	A simple design of fluorescent probes for indirect detection of β-lactamase based on AIE and ESIPT processes. *Journal of Materials Chemistry B*, **2018**, 6, 3922-3926	7.3	18
19	Mechanoresponsive Fluorescence of 2-Aminobenzophenone Derivatives Based on Amorphous Phase to Crystalline Transformation with High Off-On Contrast Ratio. *Journal of Physical Chemistry C*, **2017**, 121, 21610-21615	3.8	18
18	Cationic Peptide Conjugation Enhances the Activity of Peroxidase-Mimicking DNAzymes. *Bioconjugate Chemistry*, **2016**, 27, 621-7	6.3	16
17	Simultaneously and Selectively Imaging a Cytoplasm Membrane and Mitochondria Using a Dual-Colored Aggregation-Induced Emission Probe. *Analytical Chemistry*, **2020**, 92, 14494-14500	7.8	16
16	Readily accessible rhodamine B-based photoresponsive material. *Science China Chemistry*, **2014**, 57, 248-251	7.3	15
15	Enhancing Catalytic Activity of Uranyl-Dependent DNAzyme by Flexible Linker Insertion for More Sensitive Detection of Uranyl Ion. *Analytical Chemistry*, **2019**, 91, 6608-6615	7.8	14
14	A general approach for rational design of fluorescent DNA aptazyme sensors based on target-induced unfolding of DNA hairpins. *Analytica Chimica Acta*, **2015**, 889, 179-86	6.6	14
13	Patterned, Wearable UV Indicators from Electrospun Photochromic Fibers and Yarns. *Advanced Materials Technologies*, **2020**, 5, 2000564	6.8	13
12	Crystal Violet Lactone Salicylaldehyde Hydrazone Zn(II) Complex: a Reversible Photochromic Material both in Solution and in Solid Matrix. *Scientific Reports*, **2015**, 5, 14467	4.9	12
11	Photoactivatable aggregation-induced emission of triphenylmethanol. *Chemical Communications*, **2017**, 53, 11130-11133	5.8	11
10	Construction and optimization mechanisms of carbon fiber-based flow-through electrode system (FES) with stackable multi-cathode units for water disinfection. *Journal of Hazardous Materials*, **2020**, 399, 123065	12.8	6
9	Organic Nanoparticles with Persistent Luminescence for In Vivo Afterglow Imaging-Guided Photodynamic Therapy. *Chemistry - A European Journal*, **2021**, 27, 6911-6916	4.8	5
8	Selective and sensitive fluorescence "turn-on" detection of 4-thiouridine in nucleic acids via oxidative amination. *Chemical Communications*, **2019**, 55, 13096-13099	5.8	5
7	Long-Term Dynamic Imaging of Cellular Processes Using an AIE Lipid Order Probe in the Dual-Color Mode. *Analytical Chemistry*, **2021**, 93, 10272-10281	7.8	5
6	Tuning Emission Wavelength of Polymorphous Crystal via Controllable Alkyl Chain Stacking and Its Vapor- and Thermo-Responsive Fluorescence. *Chemistry - A European Journal*, **2019**, 25, 8043-8052	4.8	4
5	Partitioning of Porphyrin Compounds in An Aqueous Two-phase System of Cationic-anionic Surfactant Mixture.. *Analytical Sciences*, **1997**, 13, 111-114	1.7	3
4	General Method for Post-Synthetic Modification of Oligonucleotides Based on Oxidative Amination of 4-Thio-2'-deoxyuridine. *Bioconjugate Chemistry*, **2021**, 32, 721-728	6.3	2

3	A ratiometric solid AIE sensor for detection of acetone vapor. *Talanta*, **2022**, 236, 122845	6.2	2
2	Post-Synthetic Modification of Oligonucleotides Through Oxidative Amination of 4-Thio-2'-Deoxyuridine. *Current Protocols*, **2021**, 1, e274		
1	Typical AIEgens Design **2022**, 53-96		