

# A Strategy for Dramatically Enhancing the Selectivity of Aggregation-Induced Emission towards Biomacromol

Chemistry - A European Journal

18, 7278-7286

DOI: 10.1002/chem.201103638

Citation Report

#	ARTICLE	IF	CITATIONS
1	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23726.	6.7	761
2	Water-soluble graphene sheets with large optical limiting response via non-covalent functionalization with polyacetylenes. <i>Journal of Materials Chemistry</i> , 2012, 22, 22624.	6.7	34
3	Switching the emission of di(4-ethoxyphenyl)dibenzofulvene among multiple colors in the solid state. <i>Science China Chemistry</i> , 2013, 56, 1173-1177.	4.2	24
4	Conjugated Polyelectrolytes with Aggregation-Enhanced Emission Characteristics: Synthesis and their Biological Applications. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2436-2445.	1.7	41
5	Fluorescent Organic Nanoparticles of Biginelli-Based Molecules: Recognition of Hg <sup>2+</sup> and Cl <sup>-</sup> in an Aqueous Medium. <i>Inorganic Chemistry</i> , 2013, 52, 13830-13832.	1.9	64
6	Aggregation induced emission characteristics of maleimide derivatives. <i>RSC Advances</i> , 2013, 3, 22246.	1.7	33
7	From tetraphenylethene to tetranaphthylethene: structural evolution in AIE luminogen continues. <i>Chemical Communications</i> , 2013, 49, 2491.	2.2	123
8	Aggregation-Induced Emission Materials: the Art of Conjugation and Rotation. , 0, , 127-153.		1
9	Applications of Aggregation-Induced Emission Materials in Biotechnology. , 2013, , 259-274.		0
10	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. <i>Soft Matter</i> , 2013, 9, 4564.	1.2	175
11	Water-Soluble Tetraphenylethene Derivatives as Fluorescent "Light-Up" Probes for Nucleic Acid Detection and Their Applications in Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1806-1812.	1.7	65
12	Fluorescence turn-on detection of DNA based on the aggregation-induced emission of conjugated poly(pyridinium salt)s. <i>Polymer Chemistry</i> , 2013, 4, 4045.	1.9	40
13	Bioprobes Based on AIE Fluorogens. <i>Accounts of Chemical Research</i> , 2013, 46, 2441-2453.	7.6	1,607
14	STIMULUS RESPONSIVE LUMINESCENT MATERIALS: CRYSTALLIZATION-INDUCED EMISSION ENHANCEMENT. <i>Journal of Molecular and Engineering Materials</i> , 2013, 01, 1340010.	0.9	8
15	A Fluorescent and Colorimetric Sensor for Nanomolar Detection of Co <sup>2+</sup> in Water. <i>ChemPhysChem</i> , 2014, 15, 3933-3937.	1.0	15
16	Nanoscale Structural and Mechanical Analysis of Bacillus anthracis Spores Inactivated with Rapid Dry Heating. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1739-1749.	1.4	13
17	Salt-Responsive Self-Assembly of Luminescent Hydrogel with Intrinsic Gelation-Enhanced Emission. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 757-762.	4.0	71
18	Fluorescent Aptasensor Based on Aggregation-Induced Emission Probe and Graphene Oxide. <i>Analytical Chemistry</i> , 2014, 86, 298-303.	3.2	92

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19	Water-soluble bioprobes with aggregation-induced emission characteristics for light-up sensing of heparin. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4134-4141.	2.9	58
20	Synthesis, Structure, Photoluminescence, and Electroluminescence of Siloles that Contain Planar Fluorescent Chromophores. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2937-2945.	1.7	23
21	Imaging Intracellular Anticancer Drug Delivery by Self-Assembly Micelles with Aggregation-Induced Emission (AIE Micelles). <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5212-5220.	4.0	150
22	A dual functional AEE fluorogen as a mitochondrial-specific bioprobe and an effective photosensitizer for photodynamic therapy. <i>Chemical Communications</i> , 2014, 50, 14451-14454.	2.2	79
23	Superior Fluorescent Probe for Detection of Cardiolipin. <i>Analytical Chemistry</i> , 2014, 86, 1263-1268.	3.2	59
24	Multiple stimuli-responsive and reversible fluorescence switches based on a diethylamino-functionalized tetraphenylethene. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9103-9111.	2.7	61
25	Aggregation-induced emission of siloles. <i>Chemical Science</i> , 2015, 6, 5347-5365.	3.7	487
26	Bioinspired preparation of thermo-responsive graphene oxide nanocomposites in an aqueous solution. <i>Polymer Chemistry</i> , 2015, 6, 5876-5883.	1.9	62
27	A Selective Glutathione Probe based on AIE Fluorogen and its Application in Enzymatic Activity Assay. <i>Scientific Reports</i> , 2015, 4, 4272.	1.6	73
28	Aggregation-Induced Emission: Together We Shine, United We Soar!. <i>Chemical Reviews</i> , 2015, 115, 11718-11940.	23.0	6,279
29	AIE probes towards biomolecules: the improved selectivity with the aid of graphene oxide. <i>Science China Chemistry</i> , 2015, 58, 1800-1809.	4.2	59
30	Hydrogen-bond assisted, aggregation-induced emission of digitonin. <i>RSC Advances</i> , 2015, 5, 100176-100183.	1.7	15
31	An imidazole-containing core-substituted naphthalene diimide: Fluorescent sensing properties toward copper ion and optimized selectivity by tuning the solvent medium. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 827-832.	4.0	13
32	A photostable AIE fluorogen for lysosome-targetable imaging of living cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5412-5417.	2.9	28
33	Functionalization of graphene by a TPE-containing polymer using nitrogen-based nucleophiles. <i>Polymer Chemistry</i> , 2016, 7, 4054-4062.	1.9	16
34	Tunable Supramolecular Interactions of Aggregation-Induced Emission Probe and Graphene Oxide with Biomolecules: An Approach toward Ultrasensitive Label-Free and Turn-Off DNA Sensing. <i>Small</i> , 2016, 12, 6613-6622.	5.2	75
35	Aggregation-Induced Emission for Highly Selective and Sensitive Fluorescent Biosensing and Cell Imaging. <i>Journal of Polymer Science Part A</i> , 2017, 55, 653-659.	2.5	16
36	BSA-coated fluorescent organic-inorganic hybrid silica nanoparticles: preparation and drug delivery. <i>New Journal of Chemistry</i> , 2017, 41, 1637-1644.	1.4	6

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37	A fluorescent light-up aggregation-induced emission probe for screening gefitinib-sensitive non-small cell lung carcinoma. <i>Biomaterials Science</i> , 2017, 5, 792-799.	2.6	13
38	Label-free detection for SNP using AIE probes and carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 92-96.	4.0	26
39	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. <i>Science China Chemistry</i> , 2019, 62, 1090-1098.	4.2	269
40	Aggregation-Induced Emission Fluorophore-Based Molecular Beacon for Differentiating Tumor and Normal Cells by Detecting the Specific and False-Positive Signals. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3618-3630.	2.6	13
41	Fluorogenic Detection and Characterization of Proteins by Aggregation-Induced Emission Methods. <i>Chemistry - A European Journal</i> , 2019, 25, 5824-5847.	1.7	66
42	AIEgens/Nucleic Acid Nanostructures for Bioanalytical Applications. <i>Chemistry - an Asian Journal</i> , 2019, 14, 689-699.	1.7	12
43	AIE active TPE mesogens with p6mm columnar and Im3m cubic mesophases and white light emission property. <i>Journal of Molecular Liquids</i> , 2020, 298, 112079.	2.3	10
44	A graphene oxide-aided triple helical aggregation-induced emission biosensor for highly specific detection of charged collagen peptides. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6027-6033.	2.9	9
45	Nucleic acids induced peptide-based AIE nanoparticles for fast cell imaging. <i>Chinese Chemical Letters</i> , 2021, 32, 1571-1574.	4.8	12
46	Fluorescent Aptasensor Based on Aggregation-Induced Emission Probe and Carbon nanomaterials. , 2019, , 307-316.		0
47	Aggregation-induced emission shining in the biomedical field: From bench to bedside. <i>Engineered Regeneration</i> , 2021, 2, 206-218.	3.0	4
48	Target-triggering, signal-amplified chemo/bio-sensors based on aggregation-induced emission luminogens. <i>Cell Reports Physical Science</i> , 2022, 3, 100743.	2.8	4
49	Insights into AIE materials: A focus on biomedical applications of fluorescence. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	9