

Xiaoding Lou

List of Publications by Year in descending order

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141
papers

6,811
citations

46984

47
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74108

75
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152
all docs

152
docs citations

152
times ranked

6575
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle-Wave Dualism in Nanoconfined Space: Ultrafast Substance Flow. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 957-960.	1.3	1
2	Peptide-Conjugated Aggregation-Induced Emission Fluorogen: Precise and Firm Cell Membrane Labeling by Multiple Weak Interactions. <i>CCS Chemistry</i> , 2022, 4, 464-475.	4.6	12
3	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
4	Effective Therapy of Drug-Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide. <i>Small</i> , 2022, 18, e2200743.	5.2	27
5	Precisely Detecting the Telomerase Activities by an AI Egen Probe with Dual Signal Outputs after Cell-Cycle Synchronization. <i>Analytical Chemistry</i> , 2022, 94, 4874-4880.	3.2	9
6	Deep Downregulation of PD-L1 by Caged Peptide-Conjugated AI Egen/miR-140 Nanoparticles for Enhanced Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	44
7	Aggregation-induced emission luminogens for assisted cancer surgery. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214552.	9.5	43
8	Erythrocyte membrane-camouflaged nanoparticles as effective and biocompatible platform: Either autologous or allogeneic erythrocyte-derived. <i>Materials Today Bio</i> , 2022, 15, 100279.	2.6	11
9	A peptide-AIEgen nanocomposite mediated whole cancer immunity cycle-cascade amplification for improved immunotherapy of tumor. <i>Biomaterials</i> , 2022, 285, 121528.	5.7	21
10	Endocytosis Pathway Self-Regulation for Precise Image-Guided Therapy through an Enzyme-Responsive Modular Peptide Probe. <i>Analytical Chemistry</i> , 2022, 94, 7960-7969.	3.2	6
11	Carbonate-Ion-Mediated Photogenerated Hole Transfer to Boost Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10367-10377.	1.5	4
12	AI Egens assisted label free DNA supersandwich immunoassay for ultrasensitive β -fetoprotein detection. <i>Giant</i> , 2022, 11, 100110.	2.5	2
13	Peptide-based nanomaterials for gene therapy. <i>Nanoscale Advances</i> , 2021, 3, 302-310.	2.2	12
14	Few-layered CuInP ₂ S ₆ nanosheet with sulfur vacancy boosting photocatalytic hydrogen evolution. <i>CrystEngComm</i> , 2021, 23, 591-598.	1.3	25
15	Bioinspired superwetting surfaces for biosensing. <i>View</i> , 2021, 2, 20200053.	2.7	33
16	Recent advances in stimuli-responsive theranostic systems with aggregation-induced emission characteristics. <i>Aggregate</i> , 2021, 2, 48-65.	5.2	113
17	Aggregation-induced emission luminogens reveal cell cycle-dependent telomerase activity in cancer cells. <i>National Science Review</i> , 2021, 8, nwaa306.	4.6	35
18	Biocompatible AI Egen/p-glycoprotein siRNA@reduction-sensitive paclitaxel polymeric prodrug nanoparticles for overcoming chemotherapy resistance in ovarian cancer. <i>Theranostics</i> , 2021, 11, 3710-3724.	4.6	26

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19	Integration of Dual Targeting and Dual Therapeutic Modules Endows Self-Assembled Nanoparticles with Anti-Tumor Growth and Metastasis Functions. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1361-1376.	3.3	7
20	A Diverse Micromorphology of Photonic Crystal Chips for Multianalyte Sensing. <i>Small</i> , 2021, 17, e2006723.	5.2	23
21	Precise measurement of single molecule and single cell based on nanopores/nanochannels's charge transfer. <i>Science Bulletin</i> , 2021, 66, 1599-1599.	4.3	4
22	Improving Image-Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. <i>Advanced Materials</i> , 2021, 33, e2101158.	11.1	125
23	Highly Efficient Near-Infrared Photosensitizers with Aggregation-Induced Emission Characteristics: Rational Molecular Design and Photodynamic Cancer Cell Ablation. <i>ACS Applied Bio Materials</i> , 2021, 4, 5231-5239.	2.3	14
24	A universal, multifunctional, high-practicability superhydrophobic paint for waterproofing grass houses. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	26
25	Spatial Order of Functional Modules Enabling Diverse Intracellular Performance of Fluorescent Probes. <i>Angewandte Chemie</i> , 2021, 133, 18428-18436.	1.6	2
26	Regional and functional division of functional elements of solid-state nanochannels for enhanced sensitivity and specificity of biosensing in complex matrices. <i>Nature Protocols</i> , 2021, 16, 4201-4226.	5.5	26
27	Spatial Order of Functional Modules Enabling Diverse Intracellular Performance of Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18280-18288.	7.2	29
28	PEG-Polymer Encapsulated Aggregation-Induced Emission Nanoparticles for Tumor Theranostics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101036.	3.9	41
29	Modular-Peptides-Based Ternary Complex for Precisely Tracking the Targeted Process and Delivery of Gene/Chemo-Drug. <i>Advanced Optical Materials</i> , 2021, 9, 2100966.	3.6	2
30	AIEgen-Based Lifetime Probes for Precise Furin Quantification and Identification of Cell Subtypes. <i>Advanced Materials</i> , 2021, 33, e2104615.	11.1	15
31	Multifunctional aggregates for precise cellular analysis. <i>Science China Chemistry</i> , 2021, 64, 1938-1945.	4.2	11
32	Electrocatalytic Hydrogen Evolution Reaction Related to Nanochannel Materials. <i>Small Structures</i> , 2021, 2, 2100076.	6.9	36
33	Self-Guiding Polymeric Prodrug Micelles with Two Aggregation-Induced Emission Photosensitizers for Enhanced Chemo-Photodynamic Therapy. <i>ACS Nano</i> , 2021, 15, 3026-3037.	7.3	94
34	Recent Development of DNA-modified AIEgen Probes for Biomedical Application. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 66-72.	1.3	3
35	Construction of a Highly Sensitive Thiol-Reactive AIEgen-Peptide Conjugate for Monitoring Protein Unfolding and Aggregation in Cells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101300.	3.9	19
36	Solid-State Nanochannel with Multiple Signal Outputs for Furin Detection Based on the Biocompatible Condensation Reaction. <i>Analytical Chemistry</i> , 2021, 93, 14036-14041.	3.2	13

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37	A cell membrane-anchored nanoassembly with self-reporting property for enhanced second near-infrared photothermal therapy. <i>Nano Today</i> , 2021, 41, 101312.	6.2	18
38	9,10-Phenanthrenequinone: A Promising Kernel to Develop Multifunctional Antitumor Systems for Efficient Type I Photodynamic and Photothermal Synergistic Therapy. <i>ACS Nano</i> , 2021, 15, 20042-20055.	7.3	61
39	Tuning Intermolecular Interaction of Peptide-Conjugated AIEgen in Nano-Confined Space for Quantitative Detection of Tumor Marker Secreted from Cells. <i>Analytical Chemistry</i> , 2021, 93, 16257-16263.	3.2	19
40	Temperature-triggered switchable superwettability on a robust paint for controllable photocatalysis. <i>Cell Reports Physical Science</i> , 2021, 2, 100669.	2.8	6
41	Enzyme and AIEgens Modulated Solid-State Nanochannels: In Situ and Noninvasive Monitoring of H_2O_2 Released from Living Cells. <i>Small Methods</i> , 2020, 4, 1900432.	4.6	29
42	External Stimuli Responsive Liquid-Infused Surfaces Switching between Slippery and Nonslippery States: Fabrications and Applications. <i>Advanced Functional Materials</i> , 2020, 30, 1901130.	7.8	80
43	Aggregation-induced emission luminogens for RONS sensing. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3357-3370.	2.9	26
44	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission for Imaging-Guided Photodynamic Therapy in Multiple Xenograft Tumor Models. <i>ACS Nano</i> , 2020, 14, 854-866.	7.3	161
45	Enzyme-Responsive Peptide-Based AIE Bioprobes. <i>Topics in Current Chemistry</i> , 2020, 378, 47.	3.0	24
46	Modular DNA-Incorporated Aggregation-Induced Emission Probe for Sensitive Detection and Imaging of DNA Methyltransferase. <i>ACS Applied Bio Materials</i> , 2020, 3, 9002-9011.	2.3	6
47	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. <i>ACS Nano</i> , 2020, 14, 14698-14714.	7.3	46
48	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20405-20410.	7.2	74
49	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie</i> , 2020, 132, 20585-20590.	1.6	10
50	Red AIE conjugated polyelectrolytes for long-term tracing and image-guided photodynamic therapy of tumors. <i>Science China Chemistry</i> , 2020, 63, 1815-1824.	4.2	30
51	Solid-State Nanochannels: Enzyme and AIEgens Modulated Solid-State Nanochannels: In Situ and Noninvasive Monitoring of H_2O_2 Released from Living Cells (Small Methods) Tj ETQq1 140784314trgBT / Over		
52	Type I photosensitizers based on phosphindole oxide for photodynamic therapy: apoptosis and autophagy induced by endoplasmic reticulum stress. <i>Chemical Science</i> , 2020, 11, 3405-3417.	3.7	182
53	Liquid-Infused Surfaces: External Stimuli Responsive Liquid-Infused Surfaces Switching between Slippery and Nonslippery States: Fabrications and Applications (Adv. Funct. Mater. 10/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070061.	7.8	2
54	Aggregation-Induced Emission Photosensitizers: From Molecular Design to Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1996-2012.	2.9	165

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55	Nanococktail Based on AIEgens and Semiconducting Polymers: A Single Laser Excited Image-Guided Dual Photothermal Therapy. <i>Theranostics</i> , 2020, 10, 2260-2272.	4.6	32
56	Cooperation therapy between anti-growth by photodynamic-AIEgens and anti-metastasis by small molecule inhibitors in ovarian cancer. <i>Theranostics</i> , 2020, 10, 2385-2398.	4.6	16
57	Tumor triggered disassembly: Precise release and efficient cellular internalization of multiple-agent-therapy probe. <i>Chinese Science Bulletin</i> , 2020, 65, 3497-3499.	0.4	0
58	One-dimensional and two-dimensional nanomaterials for the detection of multiple biomolecules. <i>Chinese Chemical Letters</i> , 2019, 30, 1557-1564.	4.8	16
59	Rational Fabrication and Biomedical Application of Biomolecule- ϵ Conjugated AIEgens through Click Reaction. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1072-1082.	2.6	10
60	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. <i>Biomaterials</i> , 2019, 218, 119330.	5.7	118
61	Modular Design of Peptide- or DNA-Modified AIEgen Probes for Biosensing Applications. <i>Accounts of Chemical Research</i> , 2019, 52, 3064-3074.	7.6	122
62	A label-free fluorescent aptasensor for the detection of Aflatoxin B1 in food samples using AIEgens and graphene oxide. <i>Talanta</i> , 2019, 198, 71-77.	2.9	90
63	Coordination-induced structural changes of DNA-based optical and electrochemical sensors for metal ions detection. <i>Dalton Transactions</i> , 2019, 48, 5879-5891.	1.6	16
64	An ultralow concentration of two-photon fluorescent probe for rapid and selective detection of lysosomal cysteine in living cells. <i>Talanta</i> , 2019, 204, 762-768.	2.9	17
65	MnO ₂ -DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. <i>Talanta</i> , 2019, 202, 591-599.	2.9	44
66	Beetle-inspired wettable materials: from fabrications to applications. <i>Materials Today Nano</i> , 2019, 6, 100034.	2.3	36
67	Analyte-responsive fluorescent probes with AIE characteristic based on the change of covalent bond. <i>Science China Materials</i> , 2019, 62, 1236-1250.	3.5	19
68	Biomacromolecule- ϵ Functionalized AIEgens for Advanced Biomedical Studies. <i>Small</i> , 2019, 15, 1804839.	5.2	43
69	Intriguing ϵ chameleon ϵ -fluorescent bioprobes for the visualization of lipid droplet-lysosome interplay. <i>Biomaterials</i> , 2019, 203, 43-51.	5.7	61
70	A Multifunctional Peptide- ϵ Conjugated AIEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie</i> , 2019, 131, 5103-5107.	1.6	31
71	A Multifunctional Peptide- ϵ Conjugated AIEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5049-5053.	7.2	119
72	Bioinspired Slippery Lubricant-Infused Surfaces With External Stimuli Responsive Wettability: A Mini Review. <i>Frontiers in Chemistry</i> , 2019, 7, 826.	1.8	18

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73	High frequency, calibration-free molecular measurements <i>in situ</i> in the living body. <i>Chemical Science</i> , 2019, 10, 10843-10848.	3.7	52
74	AI-Egens/Nucleic Acid Nanostructures for Bioanalytical Applications. <i>Chemistry - an Asian Journal</i> , 2019, 14, 689-699.	1.7	12
75	Earth abundant materials beyond transition metal dichalcogenides: A focus on electrocatalyzing hydrogen evolution reaction. <i>Nano Energy</i> , 2019, 58, 244-276.	8.2	298
76	Simultaneous detection of telomerase and miRNA with graphene oxide-based fluorescent aptasensor in living cells and tissue samples. <i>Biosensors and Bioelectronics</i> , 2019, 124-125, 199-204.	5.3	70
77	A red-emission probe for intracellular biothiols imaging with a large Stokes shift. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 368, 90-96.	2.0	24
78	Tetrathienylethene based red aggregation-enhanced emission probes: super red-shifted mechanochromic behavior and highly photostable cell membrane imaging. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1126-1136.	3.2	39
79	AI-E based superwetttable microchips for evaporation and aggregation induced fluorescence enhancement biosensing. <i>Biosensors and Bioelectronics</i> , 2018, 111, 124-130.	5.3	69
80	Naked-eye point-of-care testing platform based on a pH-responsive superwetting surface: toward the non-invasive detection of glucose. <i>NPG Asia Materials</i> , 2018, 10, 177-189.	3.8	57
81	An Intracellular H ₂ O ₂ -Responsive AI-Egen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3123-3127.	7.2	197
82	An Intracellular H ₂ O ₂ -Responsive AI-Egen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie</i> , 2018, 130, 3177-3181.	1.6	19
83	Colorimetric Sandwich Assays for Protein Detection. , 2018, , 15-27.		0
84	Sandwich Assays Based on SPR, SERS, GMR, QCM, Microcantilever, SAW, and RRS Techniques for Protein Detection. , 2018, , 69-91.		1
85	Role of outer surface probes for regulating ion gating of nanochannels. <i>Nature Communications</i> , 2018, 9, 40.	5.8	117
86	Engineering Biosensors with Dual Programmable Dynamic Ranges. <i>Analytical Chemistry</i> , 2018, 90, 1506-1510.	3.2	19
87	Recent Advances in Solid Nanopore/Channel Analysis. <i>Analytical Chemistry</i> , 2018, 90, 577-588.	3.2	112
88	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. <i>Communications Biology</i> , 2018, 1, 202.	2.0	81
89	Distinct functional elements for outer-surface anti-interference and inner-wall ion gating of nanochannels. <i>Nature Communications</i> , 2018, 9, 4557.	5.8	112
90	Biological and chemical sensing applications based on special wetttable surfaces. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 183-194.	5.8	30

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91	New Frontiers on van der Waals Layered Metal Phosphorous Trichalcogenides. <i>Advanced Functional Materials</i> , 2018, 28, 1802151.	7.8	223
92	A low background Dâ€“Aâ€“D type fluorescent probe for imaging of biothiols in living cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5248-5255.	2.9	38
93	Photoactivated Specific mRNA Detection in Single Living Cells by Coupling â€“Signal-onâ€“Fluorescence and â€“Signal-offâ€“Electrochemical Signals. <i>Nano Letters</i> , 2018, 18, 5116-5123.	4.5	56
94	Integrated Solid-State Nanopore Electrochemistry Array for Sensitive, Specific, and Label-Free Biodetection. <i>Langmuir</i> , 2018, 34, 14787-14795.	1.6	19
95	DNA-Conjugated Amphiphilic Aggregation-Induced Emission Probe for Cancer Tissue Imaging and Prognosis Analysis. <i>Analytical Chemistry</i> , 2018, 90, 8162-8169.	3.2	64
96	A highly sensitive and facile graphene oxide-based nucleic acid probe: Label-free detection of telomerase activity in cancer patient's urine using AIEgens. <i>Biosensors and Bioelectronics</i> , 2017, 89, 417-421.	5.3	53
97	Fabrication of â€“Plug and Playâ€“Channels with Dual Responses by Hostâ€“Guest Interactions. <i>Small</i> , 2017, 13, 1600287.	5.2	25
98	Construction of AIEgens-Based Bioprobe with Two Fluorescent Signals for Enhanced Monitor of Extracellular and Intracellular Telomerase Activity. <i>Analytical Chemistry</i> , 2017, 89, 2073-2079.	3.2	60
99	Measuring macromolecular crowding in cells through fluorescence anisotropy imaging with an AIE fluorogen. <i>Chemical Communications</i> , 2017, 53, 2874-2877.	2.2	44
100	Dual-targeted peptide-conjugated multifunctional fluorescent probe with AIEgen for efficient nucleus-specific imaging and long-term tracing of cancer cells. <i>Chemical Science</i> , 2017, 8, 4571-4578.	3.7	99
101	A highly sensitive DNA-AIEgen-based â€“turn-onâ€“fluorescence chemosensor for amplification analysis of Hg ²⁺ ions in real samples and living cells. <i>Science China Chemistry</i> , 2017, 60, 663-669.	4.2	20
102	Combining Protein and miRNA Quantification for Bladder Cancer Analysis. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23420-23427.	4.0	39
103	DNA hybridization chain reaction and DNA supersandwich self-assembly for ultrasensitive detection. <i>Science China Chemistry</i> , 2017, 60, 311-318.	4.2	22
104	Recent advances in optical-based and force-based single nucleic acid imaging. <i>Science China Chemistry</i> , 2017, 60, 1267-1276.	4.2	5
105	An AIEgens and exonuclease III aided quadratic amplification assay for detecting and cellular imaging of telomerase activity. <i>Science Bulletin</i> , 2017, 62, 997-1003.	4.3	29
106	Advances in the detection of telomerase activity using isothermal amplification. <i>Theranostics</i> , 2017, 7, 1847-1862.	4.6	52
107	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
108	Functional â€“Janusâ€“Annulus in Confined Channels. <i>Advanced Materials</i> , 2016, 28, 460-465.	11.1	47

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109	Organic AIE Dots: Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging (Small) Tj ETQq1 1 0.784314 rgBJ /Overlo	5.2	14
110	Detection of UVA/UVC-induced damage of p53 fragment by rolling circle amplification with AIEgens. Analyst, The, 2016, 141, 4394-4399.	1.7	7
111	Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging. Small, 2016, 12, 6430-6450.	5.2	107
112	Protease-Responsive Prodrug with Aggregation-Induced Emission Probe for Controlled Drug Delivery and Drug Release Tracking in Living Cells. Analytical Chemistry, 2016, 88, 8913-8919.	3.2	84
113	Tuning the AIE Activities and Emission Wavelengths of Tetraphenylethene-Containing Luminogens. ChemistrySelect, 2016, 1, 812-818.	0.7	14
114	Correction: A photostable AIE fluorogen for lysosome-targetable imaging of living cells. Journal of Materials Chemistry B, 2016, 4, 7168-7168.	2.9	1
115	Facile Probe Design: Fluorescent Amphiphilic Nucleic Acid Probes without Quencher Providing Telomerase Activity Imaging Inside Living Cells. Analytical Chemistry, 2016, 88, 6621-6626.	3.2	30
116	Electrochemical detection of nucleic acids, proteins, small molecules and cells using a DNA-nanostructure-based universal biosensing platform. Nature Protocols, 2016, 11, 1244-1263.	5.5	320
117	Stereochemistry-Guided DNA Probe for Single Nucleotide Polymorphisms Analysis. ACS Applied Materials & Interfaces, 2016, 8, 15911-15916.	4.0	11
118	The development of nanostructure assisted isothermal amplification in biosensors. Chemical Society Reviews, 2016, 45, 1738-1749.	18.7	99
119	Highly Robust Nanopore-Based Dual-Signal-Output Ion Detection System for Achieving Three Successive Calibration Curves. Analytical Chemistry, 2016, 88, 2386-2391.	3.2	47
120	Coordination of the electrical and optical signals revealing nanochannels with an "onion-like" gating mechanism and its sensing application. NPG Asia Materials, 2016, 8, e234-e234.	3.8	31
121	Ratiometric Fluorescent Bioprobe for Highly Reproducible Detection of Telomerase in Bloody Urines of Bladder Cancer Patients. ACS Sensors, 2016, 1, 572-578.	4.0	55
122	Rational design of asymmetric red fluorescent probes for live cell imaging with high AIE effects and large two-photon absorption cross sections using tunable terminal groups. Chemical Science, 2016, 7, 4527-4536.	3.7	97
123	Live Cell MicroRNA Imaging Using Exonuclease III-Aided Recycling Amplification Based on Aggregation-Induced Emission Luminogens. ACS Applied Materials & Interfaces, 2016, 8, 8998-9003.	4.0	70
124	Facile, Fast-Responsive, and Photostable Imaging of Telomerase Activity in Living Cells with a Fluorescence Turn-On Manner. Analytical Chemistry, 2016, 88, 3289-3294.	3.2	84
125	Sensitive Zn ²⁺ sensor based on biofunctionalized nanopores via combination of DNAzyme and DNA supersandwich structures. Analyst, The, 2016, 141, 3626-3629.	1.7	41
126	Cellulose conjugated FITC-labelled mesoporous silica nanoparticles: intracellular accumulation and stimuli responsive doxorubicin release. Nanoscale, 2016, 8, 5089-5097.	2.8	53

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127	The opposite gating behaviors of solid-state nanochannels modified with long and short polymer chains. <i>Chemical Communications</i> , 2015, 51, 10146-10149.	2.2	16
128	High Fluorescence Efficiencies and Large Stokes Shifts of Folded Fluorophores Consisting of a Pair of Alkenyl-Tethered, π -Stacked Oligo- <i>p</i> -phenylenes. <i>Organic Letters</i> , 2015, 17, 6174-6177.	2.4	40
129	Target-Specific 3D DNA Gatekeepers for Biomimetic Nanopores. <i>Advanced Materials</i> , 2015, 27, 2090-2095.	11.1	76
130	Rational Designed Bipolar, Conjugated Polymer-DNA Composite Beacon for the Sensitive Detection of Proteins and Ions. <i>Analytical Chemistry</i> , 2015, 87, 3890-3894.	3.2	44
131	Real-Time, Quantitative Lighting-up Detection of Telomerase in Urines of Bladder Cancer Patients by AIEgens. <i>Analytical Chemistry</i> , 2015, 87, 6822-6827.	3.2	119
132	Lab in a Tube: Sensitive Detection of MicroRNAs in Urine Samples from Bladder Cancer Patients Using a Single-Label DNA Probe with AIEgens. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16813-16818.	4.0	61
133	Biocompatible Green and Red Fluorescent Organic Dots with Remarkably Large Two-Photon Action Cross Sections for Targeted Cellular Imaging and Real-Time Intravital Blood Vascular Visualization. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14965-14974.	4.0	86
134	Nanopore-Based DNA-Probe Sequence-Evolution Method Unveiling Characteristics of Protein-DNA Binding Phenomena in a Nanoscale Confined Space. <i>Analytical Chemistry</i> , 2015, 87, 4037-4041.	3.2	25
135	Quencher Group Induced High Specificity Detection of Telomerase in Clear and Bloody Urines by AIEgens. <i>Analytical Chemistry</i> , 2015, 87, 9487-9493.	3.2	70
136	A new turn-on chemosensor for bio-thiols based on the nanoaggregates of a tetraphenylethene-coumarin fluorophore. <i>Nanoscale</i> , 2014, 6, 14691-14696.	2.8	47
137	Detection of adenine-rich ssDNA based on thymine-substituted tetraphenylethene with aggregation-induced emission characteristics. <i>RSC Advances</i> , 2014, 4, 33307.	1.7	28
138	Sensitive and Bidirectional Detection of Urine Telomerase Based on the Four Detection-Color States of Difunctional Gold Nanoparticle Probe. <i>Analytical Chemistry</i> , 2014, 86, 9781-9785.	3.2	76
139	Imparting biomolecules to a metal-organic framework material by controlled DNA tetrahedron encapsulation. <i>Scientific Reports</i> , 2014, 4, 5929.	1.6	29
140	A New Disubstituted Polyacetylene Bearing β -Benzylaminopurine Moieties: Postfunctional Synthetic Strategy and Sensitive Chemosensor Towards Copper and Cobalt Ions. <i>Macromolecular Rapid Communications</i> , 2013, 34, 759-766.	2.0	22
141	Deep Downregulation of PD-L1 by Caged Peptide-Conjugated AIEgen/miR-140 Nanoparticles for Enhanced Immunotherapy. <i>Angewandte Chemie</i> , 0, , .	1.6	1