

# Haiyin Li

## List of Publications by Citations

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62

papers

3,860

citations

33

h-index

62

g-index

64

ext. papers

4,478

ext. citations

7.3

avg, IF

5.92

L-index

#	Paper	IF	Citations
62	Piezofluorochromism of an aggregation-induced emission compound derived from tetraphenylethylene. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 808-11	4.5	281
61	Piezofluorochromic properties and mechanism of an aggregation-induced emission enhancement compound containing N-hexyl-phenothiazine and anthracene moieties. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 7606-11	3.4	246
60	Nucleic Acid-Functionalized Metal-Organic Framework-Based Homogeneous Electrochemical Biosensor for Simultaneous Detection of Multiple Tumor Biomarkers. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3604-3610	7.8	234
59	New thermally stable piezofluorochromic aggregation-induced emission compounds. <i>Organic Letters</i> , <b>2011</b> , 13, 556-9	6.2	202
58	Aggregation-induced emission enhancement compounds containing triphenylamine-anthrylenevinylene and tetraphenylethene moieties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3760		163
57	New thermally stable aggregation-induced emission enhancement compounds for non-doped red organic light-emitting diodes. <i>Chemical Communications</i> , <b>2011</b> , 47, 11273-5	5.8	158
56	Synthesis and properties of novel aggregation-induced emission compounds with combined tetraphenylethylene and dicarbazolyl triphenylethylene moieties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 1788-1796		157
55	A new ligand and its complex with multi-stimuli-responsive and aggregation-induced emission effects. <i>Chemical Communications</i> , <b>2011</b> , 47, 11080-2	5.8	156
54	Piezofluorochromic and aggregation-induced-emission compounds containing triphenylethylene and tetraphenylethylene moieties. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 1470-8	4.5	136
53	Hollow polyaniline/Fe <sub>3</sub> O <sub>4</sub> microsphere composites: Preparation, characterization, and applications in microwave absorption. <i>Reactive and Functional Polymers</i> , <b>2009</b> , 69, 137-144	4.6	133
52	Paper-based fluorescent sensor for rapid naked-eye detection of acetylcholinesterase activity and organophosphorus pesticides with high sensitivity and selectivity. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 971-977	11.8	122
51	Piezofluorochromism and morphology of a new aggregation-induced emission compound derived from tetraphenylethylene and carbazole. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 685-693	3.6	94
50	New aggregation-induced emission enhancement materials combined triarylamine and dicarbazolyl triphenylethylene moieties. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 6103		88
49	Ultrasensitive Ratiometric Homogeneous Electrochemical MicroRNA Biosensing via Target-Triggered Ru(III) Release and Redox Recycling. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 12293-12298	7.8	86
48	High-Tg carbazole derivatives as a new class of aggregation-induced emission enhancement materials. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 7352		83
47	Synthesis and Properties of Aggregation-Induced Emission Compounds Containing Triphenylethene and Tetraphenylethene Moieties. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 17574-17581	3.8	81
46	Synthesis of blue light emitting bis(triphenylethylene) derivatives: A case of aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , <b>2011</b> , 89, 56-62	4.6	80

45	Paper-based fluorescent sensor via aggregation induced emission fluorogen for facile and sensitive visual detection of hydrogen peroxide and glucose. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 104, 152-157	11.8	78
44	Enzyme-free and label-free fluorescence aptasensing strategy for highly sensitive detection of protein based on target-triggered hybridization chain reaction amplification. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 324-9	11.8	76
43	Ultrasensitive homogeneous electrochemical strategy for DNA methyltransferase activity assay based on autonomous exonuclease III-assisted isothermal cycling signal amplification. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 304-9	11.8	73
42	Equipment-free and visual detection of multiple biomarkers via an aggregation induced emission luminogen-based paper biosensor. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 165, 112336	11.8	71
41	Amphiphile-Mediated Ultrasmall Aggregation Induced Emission Dots for Ultrasensitive Fluorescence Biosensing. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9100-9107	7.8	67
40	Facile synthesis of a new class of aggregation-induced emission materials derived from triphenylethylene. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4135		67
39	Two-Dimensional MnO Nanozyme-Mediated Homogeneous Electrochemical Detection of Organophosphate Pesticides without the Interference of HO and Color. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4084-4091	7.8	65
38	Label-Free and Ultrasensitive Biomolecule Detection Based on Aggregation Induced Emission Fluorogen via Target-Triggered Hemin/G-Quadruplex-Catalyzed Oxidation Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4561-4568	9.5	62
37	A highly sensitive homogeneous electrochemical assay for alkaline phosphatase activity based on single molecular beacon-initiated T7 exonuclease-mediated signal amplification. <i>Analyst, The</i> , <b>2015</b> , 140, 4030-6	5	58
36	Label-free homogeneous electrochemical detection of MicroRNA based on target-induced anti-shielding against the catalytic activity of two-dimension nanozyme. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 171, 112707	11.8	55
35	One-Step Synthesis of Methylene Blue-Encapsulated Zeolitic Imidazolate Framework for Dual-Signal Fluorescent and Homogeneous Electrochemical Biosensing. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8959-8964	7.8	53
34	Ultra-stable biocompatible cross-linked fluorescent polymeric nanoparticles using AIE chain transfer agent. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3758	4.9	52
33	Enzymatic Fuel Cell-Based Self-Powered Homogeneous Immunosensing Platform via Target-Induced Glucose Release: An Appealing Alternative Strategy for Turn-On Melamine Assay. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 35721-35728	9.5	42
32	Perylene-Based Photoactive Material as a Double-Stranded DNA Intercalating Probe for Ultrasensitive Photoelectrochemical Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16958-16964	9.5	27
31	Electropolymerization-Induced Positively Charged Phenothiazine Polymer Photoelectrode for Highly Sensitive Photoelectrochemical Biosensing. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13831-13837	7.8	34
30	HRP-Mimicking DNAzyme-Catalyzed in Situ Generation of Polyaniline To Assist Signal Amplification for Ultrasensitive Surface Plasmon Resonance Biosensing. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 673-680	7.8	33
29	pH-Response Quantum Dots with Orange-Red Emission for Monitoring the Residue, Distribution, and Variation of an Organophosphorus Pesticide in an Agricultural Crop. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 2689-2696	5.7	31
28	Dopamine-Based Paper Analytical Device for Truly Equipment-Free and Naked-Eye Biosensing Based on the Target-Initiated Catalyzed Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 36469-36475	9.5	27

27	In situ template generation of silver nanoparticles as amplification tags for ultrasensitive surface plasmon resonance biosensing of microRNA. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 137, 82-87	11.8	25
26	Aggregation induced emission amphiphile with an ultra low critical micelle concentration: fabrication, self assembling, and cell imaging. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 198-201	7.3	23
25	Light-driven self-powered biosensor for ultrasensitive organophosphate pesticide detection via integration of the conjugated polymer-sensitized CdS and enzyme inhibition strategy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 6842-6847	7.3	23
24	Quaternary Ammonium Salt-Functionalized Tetraphenylethene Derivative Boosts Electrochemiluminescence for Highly Sensitive Aqueous-Phase Biosensing. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11747-11754	7.8	22
23	pH and H <sub>2</sub> O <sub>2</sub> dual-responsive carbon dots for biocatalytic transformation monitoring. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1635-1638	8.1	21
22	Fluorescent polymeric nanoparticles with ultra-low CMC for cell imaging. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 1193-1197	7.3	20
21	Stable biocompatible cross-linked fluorescent polymeric nanoparticles based on AIE dye and itaconic anhydride. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 121, 347-53	6	20
20	Simultaneous photoelectrochemical detection of dual microRNAs by capturing CdS quantum dots and methylene blue based on target-initiated strand displaced amplification. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 775-778	8.1	19
19	A facile, sensitive, and highly specific trinitrophenol assay based on target-induced synergetic effects of acid induction and electron transfer towards DNA-templated copper nanoclusters. <i>Talanta</i> , <b>2016</b> , 160, 475-480	6.2	18
18	Diffusivity and intercalation of electroactive dyes-mediated truly ratiometric homogeneous electrochemical strategy for highly sensitive biosensing. <i>Chemical Communications</i> , <b>2019</b> , 55, 10603-10606	5.8	16
17	Facile preparation of biocompatible and robust fluorescent polymeric nanoparticles via PEGylation and cross-linking. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 4241-6	9.5	16
16	Zwitterionic red fluorescent polymeric nanoparticles for cell imaging. <i>Macromolecular Bioscience</i> , <b>2014</b> , 14, 1361-7	5.5	16
15	Target-responsive AIE-Au nanoconjugate for acetylcholinesterase activity and inhibitor assay with ultralow background noise. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 284, 118-124	8.5	16
14	Stable cross-linked fluorescent polymeric nanoparticles for cell imaging. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 1661-7	4.8	15
13	High-performance non-enzymatic biofuel cells based on an organic copper complex cathode and a nanoporous gold nanoparticle anode. <i>Chemical Communications</i> , <b>2019</b> , 55, 1887-1890	5.8	14
12	pH and Redox Dual-Response Disulfide Bond-Functionalized Red-Emitting Gold Nanoclusters for Monitoring the Contamination of Organophosphorus Pesticides in Foods. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7362-7368	7.8	13
11	Biocompatible fluorescent polymeric nanoparticles based on AIE dye and phospholipid monomers. <i>RSC Advances</i> , <b>2014</b> , 4, 21588	3.7	12
10	Inorganic Recognizer-Assisted Homogeneous Electrochemiluminescence Determination of Organophosphorus Pesticides via Target-Controlled Emitter Release. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 6087-6095	5.7	12

9	Unique quenching of fluorescent copper nanoclusters based on target-induced oxidation effect: a simple, label-free, highly sensitive and specific bleomycin assay. <i>RSC Advances</i> , <b>2016</b> , 6, 76679-76683	3.7	12
8	Equipment-free and visualized biosensor for transcription factor rapid assay based on dopamine-functionalized cellulose paper. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 5461-5464	7.3	11
7	In situ generated nanozyme-initiated cascade reaction for amplified surface plasmon resonance sensing. <i>Chemical Communications</i> , <b>2020</b> , 56, 4571-4574	5.8	10
6	Two-Dimensional Cobalt-Doped TiC MXene Nanozyme-Mediated Homogeneous Electrochemical Strategy for Pesticides Assay Based on In Situ Generation of Electroactive Substances.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	10
5	Target-induced diffusivity enhancement for rapid and highly sensitive homogeneous electrochemical detection of BLM in human serum. <i>Talanta</i> , <b>2018</b> , 190, 492-497	6.2	3
4	In situ water gelation by a hydrogelator derived from N-(4-carboxy phenyl)trimellitimide. <i>Journal of Controlled Release</i> , <b>2011</b> , 152 Suppl 1, e195-6	11.7	3
3	Aptamer-Target Recognition-Promoted Ratiometric Electrochemical Strategy for Evaluating the Microcystin-LR Residue in Fish without Interferences.. <i>Journal of Agricultural and Food Chemistry</i> , <b>2022</b> ,	5.7	2
2	Dye sensitized Ti3C2 MXene-based highly sensitive homogeneous photoelectrochemical sensing of phosphate through decomposition of methylene blue-encapsulated zeolitic imidazolate framework-90. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 352, 131021	8.5	2
1	Aptamer Recognition-Driven Homogeneous Electrochemical Strategy for Simultaneous Analysis of Multiple Pesticides without Interference of Color and Fluorescence. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7739-7745	7.8	2