

# Fang Li

## List of Publications by Year in descending order

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45  
papers

1,534  
citations

304743

22  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic paper-based analytical device by using Pt nanoparticles as highly active peroxidase mimic for simultaneous detection of glucose and uric acid with use of a smartphone. <i>Talanta</i> , 2022, 237, 122954.	5.5	35
2	Bipolar electrodeposition of gradient polypyrrole films as a catalyst matrix for anodic ethanol oxidation. <i>Materials Chemistry and Physics</i> , 2022, 277, 125527.	4.0	3
3	Multifunctionalized Hydrogel Beads for Label-Free Chemiluminescence Imaging Immunoassay of Acute Myocardial Infarction Biomarkers. <i>Analytical Chemistry</i> , 2022, 94, 2665-2675.	6.5	14
4	Self-Motion of Water Droplets along a Spacing Gradient of Micropillar Arrays on Copper. <i>Langmuir</i> , 2022, 38, 4111-4120.	3.5	2
5	O-Fluorobenzoic Acid-Mediated Construction of Porous Graphitic Carbon Nitride with Nitrogen Defects for Multicolor Electrochemiluminescence Imaging Sensing. <i>Analytical Chemistry</i> , 2022, 94, 9306-9315.	6.5	11
6	Platinum nanozyme catalyzed multichannel colorimetric sensor array for identification and detection of pesticides. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132334.	7.8	33
7	Cobalt-imidazole metal-organic framework loaded with luminol for paper-based chemiluminescence detection of catechol with use of a smartphone. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3541-3550.	3.7	23
8	High-Performance Bifunctional Ni <sup>2+</sup> /Fe <sup>3+</sup> /S Catalyst in situ Synthesized within Graphite Intergranular Nanopores for Overall Water Splitting. <i>ChemSusChem</i> , 2021, 14, 3131-3138.	6.8	8
9	Chemiluminescence Biosensors for Acute Myocardial Infarction Biomarkers. , 2021, , 359-416.		0
10	One-pot synthesis of AuAgPd trimetallic nanoparticles with peroxidase-like activity for colorimetric assays. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5383-5393.	3.7	9
11	The Central Role of Nitrogen Atoms in a Zeolitic Imidazolate Framework-Derived Catalyst for Cathodic Hydrogen Evolution. <i>ChemSusChem</i> , 2021, 14, 3926-3934.	6.8	2
12	Multiplexed chemiluminescence determination of three acute myocardial infarction biomarkers based on microfluidic paper-based immunodevice dual amplified by multifunctionalized gold nanoparticles. <i>Talanta</i> , 2020, 207, 120346.	5.5	59
13	Cu(II)-Regulated On-Site Assembly of Highly Chemiluminescent Multifunctionalized Carbon Nanotubes for Inorganic Pyrophosphatase Activity Determination. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2903-2909.	8.0	22
14	β-Cyclodextrin coated porous Pd@Au nanostructures with enhanced peroxidase-like activity for colorimetric and paper-based determination of glucose. <i>Mikrochimica Acta</i> , 2020, 187, 425.	5.0	22
15	Graphite defect network constitutes a robust and polishable matrix: Ultralow catalyst loading and excellent electrocatalytic performance. <i>Electrochimica Acta</i> , 2020, 348, 136333.	5.2	5
16	Trace Fe Incorporation into Ni-(oxy)hydroxide Stabilizes Ni <sup>3+</sup> Sites for Anodic Oxygen Evolution: A Double Thin-Layer Study. <i>Langmuir</i> , 2020, 36, 5126-5133.	3.5	18
17	Temporal-Spatial-Color Multiresolved Chemiluminescence Imaging for Multiplex Immunoassays Using a Smartphone Coupled with Microfluidic Chip. <i>Analytical Chemistry</i> , 2020, 92, 6827-6831.	6.5	39
18	Three-dimensional microfluidic paper-based device for multiplexed colorimetric detection of six metal ions combined with use of a smartphone. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6497-6508.	3.7	59

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19	High-resolution temporally resolved chemiluminescence based on double-layered 3D microfluidic paper-based device for multiplexed analysis. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111472.	10.1	56
20	Area-Step Cyclic Voltammetry for Assessing Local Electrocatalytic Activity of Gradient Materials. <i>ChemElectroChem</i> , 2019, 6, 5237-5241.	3.4	3
21	Chemiluminescence Immunoassays for Simultaneous Detection of Three Heart Disease Biomarkers Using Magnetic Carbon Composites and Three-Dimensional Microfluidic Paper-Based Device. <i>Analytical Chemistry</i> , 2019, 91, 13006-13013.	6.5	83
22	Double-layered microfluidic paper-based device with multiple colorimetric indicators for multiplexed detection of biomolecules. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 266-273.	7.8	55
23	Sensitive colorimetric assay for uric acid and glucose detection based on multilayer-modified paper with smartphone as signal readout. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2647-2655.	3.7	110
24	Luminol, horseradish peroxidase and antibody ternary codified gold nanoparticles for a label-free homogenous chemiluminescent immunoassay. <i>Analytical Methods</i> , 2018, 10, 722-729.	2.7	14
25	An ultrasensitive label-free colorimetric assay for glutathione based on Ag <sup>+</sup> regulated autocatalytic oxidation of o-phenylenediamine. <i>Talanta</i> , 2018, 186, 330-336.	5.5	17
26	Catalyst metal ions and luminol bifunctionalized gold nanoparticles: Unique chemiluminescence property for Cu(II) monitoring. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 352, 19-24.	3.9	10
27	Luminol, horseradish peroxidase, and glucose oxidase ternary functionalized graphene oxide for ultrasensitive glucose sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 543-552.	3.7	31
28	One-step deposition of Ni-Cu alloys with both composition gradient and morphology evolution by bipolar electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 213-220.	3.8	16
29	Roles of soluble species in the alkaline oxygen evolution reaction on a nickel anode. <i>Chemical Communications</i> , 2018, 54, 10116-10119.	4.1	26
30	Porous Coconut Shell Carbon Offering High Retention and Deep Lithiation of Sulfur for Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 33855-33862.	8.0	107
31	Ruthenium-Catalyzed Oxidative Formal Aza-Diels-Alder Reaction: Enantioselective Synthesis of Benzo[ <i>g</i> ]quinolizines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3095-3101.	4.3	14
32	Highly Active Graphene Oxide-Supported Cobalt Single-Ion Catalyst for Chemiluminescence Reaction. <i>Analytical Chemistry</i> , 2017, 89, 13518-13523.	6.5	51
33	Two 8-Hydroxyquinolate Based Supramolecular Coordination Compounds: Synthesis, Structures and Spectral Properties. <i>Materials</i> , 2017, 10, 313.	2.9	7
34	Acridinium Ester-Functionalized Carbon Nanomaterials: General Synthesis Strategy and Outstanding Chemiluminescence. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17454-17460.	8.0	20
35	A label-free method for the detection of specific DNA sequences using gold nanoparticles bifunctionalized with a chemiluminescent reagent and a catalyst as signal reporters. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8747-8754.	3.7	14
36	Lucigenin/Co(tryptophan) <sub>2</sub> complex bifunctionalized graphene oxide: facile synthesis and unique chemiluminescence. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3477-3484.	5.5	16

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37	Highly Chemiluminescent Graphene Oxide Hybrids Bifunctionalized by N-(Aminobutyl)-N-(Ethylisoluminol)/Horseradish Peroxidase and Sensitive Sensing of Hydrogen Peroxide. ACS Applied Materials & Interfaces, 2015, 7, 18283-18291.	8.0	45
38	Sensitive Immunosensor for N-Terminal Pro-brain Natriuretic Peptide Based on N-(Aminobutyl)-N-(ethylisoluminol)-Functionalized Gold Nanodots/Multiwalled Carbon Nanotube Electrochemiluminescence Nanointerface. ACS Applied Materials & Interfaces, 2015, 7, 7599-7604.	8.0	50
39	Label-Free Electrochemiluminescence Aptasensor for 2,4,6-Trinitrotoluene Based on Bilayer Structure of Luminescence Functionalized Graphene Hybrids. Analytical Chemistry, 2015, 87, 10976-10981.	6.5	66
40	A Homogeneous Signal-On Strategy for the Detection of rpoB Genes of Mycobacterium tuberculosis Based on Electrochemiluminescent Graphene Oxide and Ferrocene Quenching. Analytical Chemistry, 2014, 86, 1608-1613.	6.5	73
41	Biothiols as Chelators for Preparation of N-(aminobutyl)-N-(ethylisoluminol)/Cu <sup>2+</sup> Complexes Bifunctionalized Gold Nanoparticles and Sensitive Sensing of Pyrophosphate Ion. ACS Applied Materials & Interfaces, 2014, 6, 18104-18111.	8.0	40
42	Gold Nanoparticles Bifunctionalized by Chemiluminescence Reagent and Catalyst Metal Complexes: Synthesis and Unique Chemiluminescence Property. Analytical Chemistry, 2014, 86, 2857-2861.	6.5	62
43	Synthesis and characterizations of iso-luminol-functionalized, tadpole-shaped, gold nanomaterials. Luminescence, 2013, 28, 7-15.	2.9	7
44	Label-free electrochemiluminescence immunosensor for cardiac troponin I using luminol functionalized gold nanoparticles as a sensing platform. Analyst, The, 2013, 138, 1844.	3.5	86
45	A label-free electrochemiluminescence aptasensor for thrombin based on novel assembly strategy of oligonucleotide and luminol functionalized gold nanoparticles. Biosensors and Bioelectronics, 2013, 39, 261-267.	10.1	91