

# Feng-Li Qu

## List of Publications by Year in descending order

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145  
papers

9,924  
citations

28190

55  
h-index

38300

95  
g-index

146  
all docs

146  
docs citations

146  
times ranked

10997  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter. <i>Advanced Energy Materials</i> , 2017, 7, 1700020.	10.2	519
2	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , 2018, 10, 21617-21624.	2.8	312
3	High-performance urea electrolysis towards less energy-intensive electrochemical hydrogen production using a bifunctional catalyst electrode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3208-3213.	5.2	295
4	In Situ Derived Co <sub>3</sub> S <sub>2</sub> Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. <i>Small</i> , 2017, 13, 1700805.	5.2	293
5	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3531-3543.	5.2	290
6	Cobalt nitride nanowire array as an efficient electrochemical sensor for glucose and H <sub>2</sub> O <sub>2</sub> detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1254-1261.	4.0	287
7	Design and Application of Foams for Electrocatalysis. <i>ChemCatChem</i> , 2017, 9, 1721-1743.	1.8	245
8	A porous Ni <sub>3</sub> N nanosheet array as a high-performance non-noble-metal catalyst for urea-assisted electrochemical hydrogen production. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1120-1124.	3.0	225
9	Mxene/carbon nanohorn/ $\beta$ -cyclodextrin-Metal-organic frameworks as high-performance electrochemical sensing platform for sensitive detection of carbendazim pesticide. <i>Journal of Hazardous Materials</i> , 2020, 396, 122776.	6.5	204
10	Highly efficient electrochemical ammonia synthesis <i>via</i> nitrogen reduction reactions on a VN nanowire array under ambient conditions. <i>Chemical Communications</i> , 2018, 54, 5323-5325.	2.2	203
11	In situ formation of a 3D core/shell structured Ni <sub>3</sub> N@Ni-Bi nanosheet array: an efficient non-noble-metal bifunctional electrocatalyst toward full water splitting under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7806-7810.	5.2	196
12	Fe-Doped Ni <sub>2</sub> P Nanosheet Array for High-Efficiency Electrochemical Water Oxidation. <i>Inorganic Chemistry</i> , 2017, 56, 1041-1044.	1.9	193
13	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11788-11792.	7.2	174
14	A Metal-Organic Framework as Selectivity Regulator for Fe <sup>3+</sup> and Ascorbic Acid Detection. <i>Analytical Chemistry</i> , 2019, 91, 12453-12460.	3.2	163
15	Amperometric biosensor for choline based on layer-by-layer assembled functionalized carbon nanotube and polyaniline multilayer film. <i>Analytical Biochemistry</i> , 2005, 344, 108-114.	1.1	153
16	Novel turn-on fluorescent detection of alkaline phosphatase based on green synthesized carbon dots and MnO <sub>2</sub> nanosheets. <i>Talanta</i> , 2017, 165, 136-142.	2.9	153
17	A mitochondrial-targeted prodrug for NIR imaging guided and synergetic NIR photodynamic-chemo cancer therapy. <i>Chemical Science</i> , 2017, 8, 7689-7695.	3.7	152
18	Graphene oxide quantum dots@silver core-shell nanocrystals as turn-on fluorescent nanoprobe for ultrasensitive detection of prostate specific antigen. <i>Biosensors and Bioelectronics</i> , 2015, 74, 909-914.	5.3	147

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19	A MnCo <sub>2</sub> S <sub>4</sub> nanowire array as an earth-abundant electrocatalyst for an efficient oxygen evolution reaction under alkaline conditions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17211-17215.	5.2	146
20	Colorimetric platform for visual detection of cancer biomarker based on intrinsic peroxidase activity of graphene oxide. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3927-3931.	5.3	144
21	A Boric Acid-Functionalized Lanthanide Metal-Organic Framework as a Fluorescence "Turn-on" Probe for Selective Monitoring of Hg <sup>2+</sup> and CH <sub>3</sub> Hg <sup>+</sup> . <i>Analytical Chemistry</i> , 2020, 92, 3366-3372.	3.2	135
22	An amorphous FeMoS <sub>4</sub> nanorod array toward efficient hydrogen evolution electrocatalysis under neutral conditions. <i>Chemical Communications</i> , 2017, 53, 9000-9003.	2.2	124
23	Ni(OH) <sub>2</sub> Nanoparticles Embedded in Conductive Microrod Array: An Efficient and Durable Electrocatalyst for Alkaline Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2018, 8, 651-655.	5.5	123
24	Enhanced Photoelectrochemical Water Oxidation Performance of Fe <sub>2</sub> O <sub>3</sub> Nanorods Array by S Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7502-7506.	3.2	120
25	Recent Progress and Development in Inorganic Halide Perovskite Quantum Dots for Photoelectrochemical Applications. <i>Small</i> , 2020, 16, e1903398.	5.2	120
26	Fe <sub>3</sub> N-Co <sub>2</sub> N Nanowires Array: A Non-Noble-Metal Bifunctional Catalyst Electrode for High-Performance Glucose Oxidation and H <sub>2</sub> O <sub>2</sub> Reduction toward Non-Enzymatic Sensing Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 5214-5218.	1.7	117
27	Ni(OH) <sub>2</sub> -Fe <sub>2</sub> P hybrid nanoarray for alkaline hydrogen evolution reaction with superior activity. <i>Chemical Communications</i> , 2018, 54, 1201-1204.	2.2	116
28	A self-supported NiMoS <sub>4</sub> nanoarray as an efficient 3D cathode for the alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16585-16589.	5.2	114
29	A Cu <sub>3</sub> P-CoP hybrid nanowire array: a superior electrocatalyst for acidic hydrogen evolution reactions. <i>Chemical Communications</i> , 2017, 53, 12012-12015.	2.2	110
30	Al-Doped Ni <sub>2</sub> P nanosheet array: a superior and durable electrocatalyst for alkaline hydrogen evolution. <i>Chemical Communications</i> , 2018, 54, 2894-2897.	2.2	108
31	Ultrasensitive electrochemical immunosensor based on horseradish peroxidase (HRP)-loaded silica-poly(acrylic acid) brushes for protein biomarker detection. <i>Biosensors and Bioelectronics</i> , 2016, 75, 383-388.	5.3	104
32	Cr <sub>2</sub> O <sub>3</sub> nanofiber: a high-performance electrocatalyst toward artificial N <sub>2</sub> fixation to NH <sub>3</sub> under ambient conditions. <i>Chemical Communications</i> , 2018, 54, 12848-12851.	2.2	100
33	Bimetallic Nickel-Substituted Cobalt-Borate Nanowire Array: An Earth-Abundant Water Oxidation Electrocatalyst with Superior Activity and Durability at Near Neutral pH. <i>Small</i> , 2017, 13, 1700394.	5.2	95
34	A Co-MOF nanosheet array as a high-performance electrocatalyst for the oxygen evolution reaction in alkaline electrolytes. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 344-347.	3.0	90
35	CoP nanoarray: a robust non-noble-metal hydrogen-generating catalyst toward effective hydrolysis of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 659-662.	3.0	88
36	N-Doped carbon dots: a metal-free co-catalyst on hematite nanorod arrays toward efficient photoelectrochemical water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 537-540.	3.0	86

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37	Hollow PDA-Au nanoparticles-enabled signal amplification for sensitive nonenzymatic colorimetric immunodetection of carbohydrate antigen 125. <i>Biosensors and Bioelectronics</i> , 2015, 71, 200-206.	5.3	84
38	Visualization of Endoplasmic Reticulum Aminopeptidase 1 under Different Redox Conditions with a Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2017, 89, 7641-7648.	3.2	83
39	In situ electrochemical surface derivation of cobalt phosphate from a $\text{Co}(\text{CO}_3)_{0.5}(\text{OH})\cdot 0.11\text{H}_2\text{O}$ nanoarray for efficient water oxidation in neutral aqueous solution. <i>Nanoscale</i> , 2017, 9, 3752-3756.	2.8	82
40	Metal-organic framework as a multi-component sensor for detection of $\text{Fe}^{3+}$ , ascorbic acid and acid phosphatase. <i>Chinese Chemical Letters</i> , 2021, 32, 198-202.	4.8	81
41	Electrochemical Biosensing Platform Using Hydrogel Prepared from Ferrocene Modified Amino Acid as Highly Efficient Immobilization Matrix. <i>Analytical Chemistry</i> , 2014, 86, 973-976.	3.2	80
42	A nickel-borate nanoarray: a highly active 3D oxygen-evolving catalyst electrode operating in near-neutral water. <i>Chemical Communications</i> , 2017, 53, 3070-3073.	2.2	79
43	Se doping: an effective strategy toward $\text{Fe}_2\text{O}_3$ nanorod arrays for greatly enhanced solar water oxidation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12086-12090.	5.2	78
44	Electrochemical biosensing utilizing synergic action of carbon nanotubes and platinum nanowires prepared by template synthesis. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1749-1755.	5.3	74
45	Enhanced electrocatalysis for alkaline hydrogen evolution by Mn doping in a $\text{Ni}_3\text{S}_2$ nanosheet array. <i>Chemical Communications</i> , 2018, 54, 10100-10103.	2.2	72
46	The role of $\gamma$ -histidine as molecular tongs: a strategy of grasping $\text{Tb}^{3+}$ using ZIF-8 to design sensors for monitoring an anthrax biomarker on-the-spot. <i>Chemical Science</i> , 2020, 11, 2407-2413.	3.7	71
47	Facilitating Active Species Generation by Amorphous $\text{NiFe}_2\text{O}_4$ Layer Formation on $\text{NiFe-LDH}$ Nanoarray for Efficient Electrocatalytic Oxygen Evolution at Alkaline pH. <i>Chemistry - A European Journal</i> , 2017, 23, 11499-11503.	1.7	69
48	Dual Signal Amplification Electrochemical Biosensor for Monitoring the Activity and Inhibition of the Alzheimer's Related Protease $\beta$ -Secretase. <i>Analytical Chemistry</i> , 2016, 88, 10559-10565.	3.2	68
49	In situ surface derivation of an $\text{Fe-Co-Bi}$ layer on an Fe-doped $\text{Co}_3\text{O}_4$ nanoarray for efficient water oxidation electrocatalysis under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6388-6392.	5.2	68
50	Functional Aptamer-Embedded Nanomaterials for Diagnostics and Therapeutics. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 9542-9560.	4.0	66
51	Zirconium (IV)-based metal organic framework (UIO-67) as efficient sorbent in dispersive solid phase extraction of plant growth regulator from fruits coupled with HPLC fluorescence detection. <i>Talanta</i> , 2016, 154, 23-30.	2.9	63
52	Interconnected Network of Core-Shell $\text{CoP@CoBiPi}$ for Efficient Water Oxidation Electrocatalysis under Near Neutral Conditions. <i>ChemSusChem</i> , 2017, 10, 1370-1374.	3.6	59
53	A novel $\text{FeS-NiS}$ hybrid nanoarray: an efficient and durable electrocatalyst for alkaline water oxidation. <i>Chemical Communications</i> , 2019, 55, 7335-7338.	2.2	59
54	Homologous Catalysts Based on $\text{Fe-Doped CoP}$ Nanoarrays for High-Performance Full Water Splitting under Benign Conditions. <i>ChemSusChem</i> , 2017, 10, 3188-3192.	3.6	58

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55	Niche nanoparticle-based FRET assay for bleomycin detection via DNA scission. <i>Biosensors and Bioelectronics</i> , 2016, 85, 76-82.	5.3	57
56	Enhanced electrocatalytic activity of water oxidation in an alkaline medium <i>via</i> Fe doping in CoS <sub>2</sub> nanosheets. <i>Chemical Communications</i> , 2019, 55, 2469-2472.	2.2	57
57	NiO@Ni-MOF nanoarrays modified Ti mesh as ultrasensitive electrochemical sensing platform for luteolin detection. <i>Talanta</i> , 2020, 215, 120891.	2.9	55
58	Facile synthesis of ZnO/CdS@ZIF-8 core-shell nanocomposites and their applications in photocatalytic degradation of organic dyes. <i>RSC Advances</i> , 2017, 7, 31365-31371.	1.7	54
59	High-Efficiency and Durable Water Oxidation under Mild pH Conditions: An Iron Phosphate-Borate Nanosheet Array as a Non-Noble-Metal Catalyst Electrode. <i>Inorganic Chemistry</i> , 2017, 56, 3131-3135.	1.9	51
60	Surface Amorphization: A Simple and Effective Strategy toward Boosting the Electrocatalytic Activity for Alkaline Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8518-8522.	3.2	51
61	Turn-on fluorescence detection of $\beta$ -glucuronidase using RhB@MOF-5 as an ultrasensitive nanoprobe. <i>Sensors and Actuators B: Chemical</i> , 2019, 295, 1-6.	4.0	51
62	Embedding carbon dots and gold nanoclusters in metal-organic frameworks for ratiometric fluorescence detection of Cu <sup>2+</sup> . <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1317-1324.	1.9	51
63	Pyrophosphate-regulated Zn <sup>2+</sup> -dependent DNAzyme activity: An amplified fluorescence sensing strategy for alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , 2013, 50, 351-355.	5.3	50
64	Construction of a Polarity-Switchable Photoelectrochemical Biosensor for Ultrasensitive Detection of miRNA-141. <i>Analytical Chemistry</i> , 2021, 93, 13727-13733.	3.2	50
65	In-situ synthesis of hierarchically porous polypyrrole@ZIF-8/graphene aerogels for enhanced electrochemical sensing of 2, 2-methylenebis (4-chlorophenol). <i>Electrochimica Acta</i> , 2019, 311, 114-122.	2.6	47
66	Highly sensitive photoelectrochemical detection of bleomycin based on Au/WS <sub>2</sub> nanorod array as signal matrix and Ag/ZnMOF nanozyme as multifunctional amplifier. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111875.	5.3	47
67	Aptamer based photoelectrochemical determination of tetracycline using a spindle-like ZnO-CdS@Au nanocomposite. <i>Mikrochimica Acta</i> , 2017, 184, 4367-4374.	2.5	47
68	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission-silica nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5757-5765.	1.9	46
69	Soft Multifaced and Patchy Colloids by Constrained Volume Self-Assembly. <i>Macromolecules</i> , 2016, 49, 3580-3585.	2.2	45
70	Topotactic Conversion of $\beta$ -Fe <sub>2</sub> O <sub>3</sub> Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory. <i>Analytical Chemistry</i> , 2017, 89, 2191-2195.	3.2	44
71	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie</i> , 2017, 129, 11950-11954.	1.6	44
72	Self-assembled gold nanoclusters for fluorescence turn-on and colorimetric dual-readout detection of alkaline phosphatase activity via DCIP-mediated fluorescence resonance energy transfer. <i>Talanta</i> , 2019, 194, 55-62.	2.9	44

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73	Amperometric determination of bovine insulin based on synergic action of carbon nanotubes and cobalt hexacyanoferrate nanoparticles stabilized by EDTA. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 228-234.	1.9	43
74	Three-Dimensional Nickel-Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH. <i>Chemistry - A European Journal</i> , 2017, 23, 6959-6963.	1.7	43
75	Preparation and characterization of Prussian blue nanowire array and bioapplication for glucose biosensing. <i>Analytica Chimica Acta</i> , 2007, 605, 28-33.	2.6	42
76	Dual signal amplification photoelectrochemical biosensor for highly sensitive human epidermal growth factor receptor-2 detection. <i>Biosensors and Bioelectronics</i> , 2019, 139, 111312.	5.3	42
77	A label-free fluorescence turn-on assay for glutathione detection by using MnO <sub>2</sub> nanosheets assisted aggregation-induced emission-silica nanospheres. <i>Talanta</i> , 2017, 169, 1-7.	2.9	41
78	Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte. <i>Catalysis Science and Technology</i> , 2017, 7, 2689-2694.	2.1	39
79	Engineering DNA on the Surface of Upconversion Nanoparticles for Bioanalysis and Therapeutics. <i>ACS Nano</i> , 2021, 15, 17257-17274.	7.3	39
80	Enhanced biosensing platform constructed using urchin-like ZnO-Au@CdS microspheres based on the combination of photoelectrochemical and bioetching strategies. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1753-1761.	4.0	37
81	Detection of glutathione based on MnO <sub>2</sub> nanosheet-gated mesoporous silica nanoparticles and target induced release of glucose measured with a portable glucose meter. <i>Mikrochimica Acta</i> , 2018, 185, 44.	2.5	37
82	Amperometric Biosensors for Glucose Based on Layer-by-Layer Assembled Functionalized Carbon Nanotube and Poly (Neutral Red) Multilayer Film. <i>Analytical Letters</i> , 2006, 39, 1785-1799.	1.0	36
83	Remarkable enhancement of the alkaline oxygen evolution reaction activity of NiCo <sub>2</sub> O <sub>4</sub> by an amorphous borate shell. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1546-1550.	3.0	34
84	Uricase based fluorometric determination of uric acid based on the use of graphene quantum dot@silver core-shell nanocomposites. <i>Mikrochimica Acta</i> , 2018, 185, 63.	2.5	34
85	Fluorescent turn-on determination of the activity of peptidases using peptide templated gold nanoclusters. <i>Mikrochimica Acta</i> , 2016, 183, 605-610.	2.5	33
86	A supersensitive biosensor based on MoS <sub>2</sub> nanosheet arrays for the real-time detection of H <sub>2</sub> O <sub>2</sub> secreted from living cells. <i>Chemical Communications</i> , 2019, 55, 9653-9656.	2.2	33
87	In-situ synthesis of 3D Cu <sub>2</sub> O@Cu-based MOF nanobelt arrays with improved conductivity for sensitive photoelectrochemical detection of vascular endothelial growth factor 165. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112481.	5.3	33
88	Core-Shell Structured Ni <sub>2</sub> @Ni Nanoarray for Efficient Water Oxidation at Near-Neutral pH. <i>ChemCatChem</i> , 2017, 9, 3138-3143.	1.8	32
89	Fe(TCNQ) <sub>2</sub> Nanorod Array: A Conductive Non-Noble-Metal Electrocatalyst toward Water Oxidation in Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1545-1549.	3.2	31
90	A CuO-CeO <sub>2</sub> composite prepared by calcination of a bimetallic metal-organic framework for use in an enzyme-free electrochemical inhibition assay for malathion. <i>Mikrochimica Acta</i> , 2019, 186, 567.	2.5	30

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91	Colorimetric detection of Hg( <sup>II</sup> ) based on the gold amalgam-triggered reductase mimetic activity in aqueous solution by employing AuNP@MOF nanoparticles. <i>Analyst, The</i> , 2020, 145, 1362-1367.	1.7	30
92	Self-powered cathodic photoelectrochemical aptasensor based on in situ synthesized CuO-Cu <sub>2</sub> O nanowire array for detecting prostate-specific antigen. <i>Mikrochimica Acta</i> , 2020, 187, 325.	2.5	29
93	Naphthalimide Derivative-Functionalized Metal-Organic Framework for Highly Sensitive and Selective Determination of Aldehyde by Space Confinement-Induced Sensitivity Enhancement Effect. <i>Analytical Chemistry</i> , 2021, 93, 8219-8227.	3.2	29
94	EDTA- and amine-functionalized graphene oxide as sorbents for Ni(II) removal. <i>Desalination and Water Treatment</i> , 2016, 57, 8942-8951.	1.0	28
95	Electrochemical Hydrazine Oxidation Catalyzed by Iron Phosphide Nanosheets Array toward Energy-Efficient Electrolytic Hydrogen Production from Water. <i>ChemistrySelect</i> , 2017, 2, 3401-3407.	0.7	28
96	A novel ratiometric fluorescence nanoprobe for sensitive determination of uric acid based on CD@ZIF-CuNC nanocomposites. <i>Mikrochimica Acta</i> , 2021, 188, 259.	2.5	28
97	Sensitive and accurate determination of sialic acids in serum with the aid of dispersive solid-phase extraction using the zirconium-based MOF of UiO-66-NH <sub>2</sub> as sorbent. <i>RSC Advances</i> , 2016, 6, 64895-64901.	1.7	27
98	Highly efficient and durable water oxidation in a near-neutral carbonate electrolyte electrocatalyzed by a core-shell structured NiO@Ni-C nanosheet array. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1287-1291.	2.5	27
99	o-Phenylenediamine/gold nanocluster-based nanoplatform for ratiometric fluorescence detection of alkaline phosphatase activity. <i>Talanta</i> , 2020, 212, 120768.	2.9	26
100	Ultrasensitive Photoelectrochemical Biosensor Based on Novel Z-Scheme Heterojunctions of Zn-Defective CdS/ZnS for MicroRNA Assay. <i>Analytical Chemistry</i> , 2021, 93, 17134-17140.	3.2	25
101	Porous Ni <sub>3</sub> N nanosheet array as a catalyst for nonenzymatic amperometric determination of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 229.	2.5	24
102	Fluorescent and colorimetric determination of glutathione based on the inner filter effect between silica nanoparticle-gold nanocluster nanocomposites and oxidized 3,3',5,5'-tetramethylbenzidine. <i>Analyst, The</i> , 2020, 145, 6254-6261.	1.7	24
103	Cascade enzymatic catalysis in poly(acrylic acid) brushes-nanospherical silica for glucose detection. <i>Talanta</i> , 2016, 155, 265-271.	2.9	23
104	A G-triplex based molecular beacon for label-free fluorescence "turn-on" detection of bleomycin. <i>Analyst, The</i> , 2018, 143, 5474-5480.	1.7	23
105	New insights into mechanisms on electrochemical N <sub>2</sub> reduction reaction driven by efficient zero-valence Cu nanoparticles. <i>Journal of Power Sources</i> , 2020, 448, 227417.	4.0	22
106	CuO/Cu <sub>2</sub> O nanowire array photoelectrochemical biosensor for ultrasensitive detection of tyrosinase. <i>Science China Chemistry</i> , 2020, 63, 1012-1018.	4.2	22
107	Anion-exchange synthesis of a nanoporous crystalline CoB <sub>2</sub> O <sub>4</sub> nanowire array for high-performance water oxidation electrocatalysis in borate solution. <i>Nanoscale</i> , 2017, 9, 12343-12347.	2.8	21
108	A carbon dot doped lanthanide coordination polymer nanocomposite as the ratiometric fluorescent probe for the sensitive detection of alkaline phosphatase activity. <i>Analyst, The</i> , 2021, 146, 2862-2870.	1.7	21

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109	Sensitive fluorescence detection of heparin based on self-assembly of mesoporous silica nanoparticle-gold nanoclusters with emission enhancement characteristics. <i>Analyst, The</i> , 2018, 143, 5388-5394.	1.7	20
110	Ascorbic Acid-Loaded Apoferritin-Assisted Carbon Dot-MnO <sub>2</sub> Nanocomposites for the Selective and Sensitive Detection of Trypsin. <i>ACS Applied Bio Materials</i> , 2018, 1, 777-782.	2.3	19
111	A photoelectrochemical aptasensor based on p-n heterojunction CdS-Cu <sub>2</sub> O nanorod arrays with enhanced photocurrent for the detection of prostate-specific antigen. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 841-848.	1.9	19
112	Photoelectrochemical determination of trypsin by using an indium tin oxide electrode modified with a composite prepared from MoS <sub>2</sub> nanosheets and TiO <sub>2</sub> nanorods. <i>Mikrochimica Acta</i> , 2019, 186, 490.	2.5	17
113	A T-rich nucleic acid-enhanced electrochemical platform based on electroactive silver nanoclusters for miRNA detection. <i>Biosensors and Bioelectronics</i> , 2022, 208, 114215.	5.3	17
114	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. <i>New Journal of Chemistry</i> , 2017, 41, 15277-15282.	1.4	16
115	Sensitive determination of nitrite by using an electrode modified with hierarchical three-dimensional tungsten disulfide and reduced graphene oxide aerogel. <i>Mikrochimica Acta</i> , 2019, 186, 291.	2.5	16
116	Photoelectrochemical determination of the activity of alkaline phosphatase by using a CdS@graphene conjugate coupled to CoOOH nanosheets for signal amplification. <i>Mikrochimica Acta</i> , 2019, 186, 73.	2.5	16
117	Fluorometric turn-on detection of ascorbic acid based on controlled release of polyallylamine-capped gold nanoclusters from MnO <sub>2</sub> nanosheets. <i>Mikrochimica Acta</i> , 2019, 186, 282.	2.5	15
118	Luminescent metal organic frameworks with recognition sites for detection of hypochlorite through energy transfer. <i>Mikrochimica Acta</i> , 2019, 186, 740.	2.5	14
119	Self-template synthesis of flower-like hierarchical graphene/copper oxide@copper(II) metal-organic framework composite for the voltammetric determination of caffeic acid. <i>Mikrochimica Acta</i> , 2020, 187, 258.	2.5	14
120	Sensitive fluorescence turn-on detection of bleomycin based on a superquenched perylene-DNA complex. <i>RSC Advances</i> , 2015, 5, 86849-86854.	1.7	13
121	Hg <sup>2+</sup> -mediated stabilization of G-triplex based molecular beacon for label-free fluorescence detection of Hg <sup>2+</sup> , reduced glutathione, and glutathione reductase activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117855.	2.0	13
122	Co-MOF/titanium nanosheet array: An excellent electrocatalyst for non-enzymatic detection of H <sub>2</sub> O <sub>2</sub> released from living cells. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114553.	1.9	13
123	A novel Cd-MOF with enhanced thermo-sensitivity: the rational design, synthesis and multipurpose applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3096-3104.	3.0	13
124	An amplified fluorescence detection of T4 polynucleotide kinase activity based on coupled exonuclease III reaction and a graphene oxide platform. <i>Analyst, The</i> , 2015, 140, 1827-1831.	1.7	12
125	Seed-Morphology-Directed Synthesis of Concave Gold Nanocrystals with Tunable Sizes. <i>Langmuir</i> , 2020, 36, 15610-15617.	1.6	11
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#	ARTICLE	IF	CITATIONS
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