

# Feng-Li Qu

## List of Publications by Citations

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140  
papers

7,480  
citations

50  
h-index

82  
g-index

146  
ext. papers

8,790  
ext. citations

6.9  
avg, IF

6.61  
L-index

#	Paper	IF	Citations
140	Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700020	21.8	428
139	In Situ Derived Co <sub>2</sub> B Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. <i>Small</i> , <b>2017</b> , 13, 1700805	11	257
138	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , <b>2018</b> , 10, 21617-21624	7.7	227
137	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> , <b>2018</b> , 255, 1254-1261	8.5	225
136	High-performance urea electrolysis towards less energy-intensive electrochemical hydrogen production using a bifunctional catalyst electrode. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 3208-3213	13	211
135	Design and Application of Foams for Electrocatalysis. <i>ChemCatChem</i> , <b>2017</b> , 9, 1721-1743	5.2	202
134	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 3531-3543	13	199
133	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> , <b>2017</b> , 4, 1120-1124	6.8	183
132	In situ formation of a 3D core/shell structured Ni <sub>3</sub> N@NiBi nanosheet array: an efficient non-noble-metal bifunctional electrocatalyst toward full water splitting under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 7806-7810	13	172
131	Fe-Doped NiP Nanosheet Array for High-Efficiency Electrochemical Water Oxidation. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 1041-1044	5.1	164
130	Highly efficient electrochemical ammonia synthesis via nitrogen reduction reactions on a VN nanowire array under ambient conditions. <i>Chemical Communications</i> , <b>2018</b> , 54, 5323-5325	5.8	157
129	Amperometric biosensor for choline based on layer-by-layer assembled functionalized carbon nanotube and polyaniline multilayer film. <i>Analytical Biochemistry</i> , <b>2005</b> , 344, 108-14	3.1	143
128	Colorimetric platform for visual detection of cancer biomarker based on intrinsic peroxidase activity of graphene oxide. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 3927-31	11.8	136
127	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> , <b>2015</b> , 74, 909-14	11.8	125
126	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11788-11792	16.4	125
125	Novel turn-on fluorescent detection of alkaline phosphatase based on green synthesized carbon dots and MnO nanosheets. <i>Talanta</i> , <b>2017</b> , 165, 136-142	6.2	124
124	A mitochondrial-targeted prodrug for NIR imaging guided and synergetic NIR photodynamic-chemo cancer therapy. <i>Chemical Science</i> , <b>2017</b> , 8, 7689-7695	9.4	114

123	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> , <b>2017</b> , 5, 17211-17215	13	112
122	An amorphous FeMoS nanorod array toward efficient hydrogen evolution electrocatalysis under neutral conditions. <i>Chemical Communications</i> , <b>2017</b> , 53, 9000-9003	5.8	108
121	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> , <b>2018</b> , 8, 651-655	13.1	104
120	Fe N-Co N Nanowires Array: A Non-Noble-Metal Bifunctional Catalyst Electrode for High-Performance Glucose Oxidation and H <sub>2</sub> O Reduction toward Non-Enzymatic Sensing Applications. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 5214-5218	4.8	103
119	Ultrasensitive electrochemical immunosensor based on horseradish peroxidase (HRP)-loaded silica-poly(acrylic acid) brushes for protein biomarker detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 383-8	11.8	97
118	Mxene/carbon nanohorn/β-cyclodextrin-Metal-organic frameworks as high-performance electrochemical sensing platform for sensitive detection of carbendazim pesticide. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 396, 122776	12.8	97
117	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> , <b>2017</b> , 5, 16585-16589	13	94
116	Ni(OH)-FeP hybrid nanoarray for alkaline hydrogen evolution reaction with superior activity. <i>Chemical Communications</i> , <b>2018</b> , 54, 1201-1204	5.8	93
115	A Metal-Organic Framework as Selectivity Regulator for Fe and Ascorbic Acid Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12453-12460	7.8	92
114	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> , <b>2017</b> , 5, 7502-7506	8.3	91
113	A CuP-CoP hybrid nanowire array: a superior electrocatalyst for acidic hydrogen evolution reactions. <i>Chemical Communications</i> , <b>2017</b> , 53, 12012-12015	5.8	86
112	CrO nanofiber: a high-performance electrocatalyst toward artificial N fixation to NH <sub>3</sub> under ambient conditions. <i>Chemical Communications</i> , <b>2018</b> , 54, 12848-12851	5.8	86
111	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> , <b>2017</b> , 13, 1700394	11	84
110	Al-Doped NiP nanosheet array: a superior and durable electrocatalyst for alkaline hydrogen evolution. <i>Chemical Communications</i> , <b>2018</b> , 54, 2894-2897	5.8	84
109	N-Doped carbon dots: a metal-free co-catalyst on hematite nanorod arrays toward efficient photoelectrochemical water oxidation. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 537-540	6.8	76
108	CoP nanoarray: a robust non-noble-metal hydrogen-generating catalyst toward effective hydrolysis of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 659-662	6.8	75
107	In situ electrochemical surface derivation of cobalt phosphate from a Co(CO)(OH) <sub>2</sub> ·11H <sub>2</sub> O nanoarray for efficient water oxidation in neutral aqueous solution. <i>Nanoscale</i> , <b>2017</b> , 9, 3752-3756	7.7	75
106	Hollow PDA-Au nanoparticles-enabled signal amplification for sensitive nonenzymatic colorimetric immunodetection of carbohydrate antigen 125. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 71, 200-206	11.8	74

105	Electrochemical biosensing platform using hydrogel prepared from ferrocene modified amino acid as highly efficient immobilization matrix. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 973-6	7.8	72
104	Visualization of Endoplasmic Reticulum Aminopeptidase 1 under Different Redox Conditions with a Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7641-7648	7.8	70
103	A nickel-borate nanoarray: a highly active 3D oxygen-evolving catalyst electrode operating in near-neutral water. <i>Chemical Communications</i> , <b>2017</b> , 53, 3070-3073	5.8	69
102	Se doping: an effective strategy toward Fe <sub>2</sub> O <sub>3</sub> nanorod arrays for greatly enhanced solar water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12086-12090	13	69
101	Recent Progress and Development in Inorganic Halide Perovskite Quantum Dots for Photoelectrochemical Applications. <i>Small</i> , <b>2020</b> , 16, e1903398	11	69
100	A Co-MOF nanosheet array as a high-performance electrocatalyst for the oxygen evolution reaction in alkaline electrolytes. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 344-347	6.8	66
99	In situ surface derivation of an Fe <sub>2</sub> O <sub>3</sub> /Bi layer on an Fe-doped Co <sub>3</sub> O <sub>4</sub> nanoarray for efficient water oxidation electrocatalysis under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 6388-6392	13	65
98	A Boric Acid-Functionalized Lanthanide Metal-Organic Framework as a Fluorescence "Turn-on" Probe for Selective Monitoring of Hg and CHHg. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3366-3372	7.8	60
97	Electrochemical biosensing utilizing synergic action of carbon nanotubes and platinum nanowires prepared by template synthesis. <i>Biosensors and Bioelectronics</i> , <b>2007</b> , 22, 1749-55	11.8	58
96	Facilitating Active Species Generation by Amorphous NiFe-B Layer Formation on NiFe-LDH Nanoarray for Efficient Electrocatalytic Oxygen Evolution at Alkaline pH. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11499-11503	4.8	57
95	Enhanced electrocatalysis for alkaline hydrogen evolution by Mn doping in a NiS nanosheet array. <i>Chemical Communications</i> , <b>2018</b> , 54, 10100-10103	5.8	56
94	Interconnected Network of Core-Shell CoP@CoBiPi for Efficient Water Oxidation Electrocatalysis under Near Neutral Conditions. <i>ChemSusChem</i> , <b>2017</b> , 10, 1370-1374	8.3	55
93	Dual Signal Amplification Electrochemical Biosensor for Monitoring the Activity and Inhibition of the Alzheimer's Related Protease $\beta$ -Secretase. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10559-10565	7.8	55
92	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> , <b>2016</b> , 154, 23-30	6.2	51
91	Niche nanoparticle-based FRET assay for bleomycin detection via DNA scission. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 76-82	11.8	50
90	Homologous Catalysts Based on Fe-Doped CoP Nanoarrays for High-Performance Full Water Splitting under Benign Conditions. <i>ChemSusChem</i> , <b>2017</b> , 10, 3188-3192	8.3	49
89	Surface Amorphization: A Simple and Effective Strategy toward Boosting the Electrocatalytic Activity for Alkaline Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 8518-8522	8.3	45
88	Pyrophosphate-regulated Zn(2+)-dependent DNAzyme activity: an amplified fluorescence sensing strategy for alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 50, 351-5	11.8	43

87	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> , <b>2017</b> , 56, 3131-3135	5.1	42
86	Facile synthesis of ZnO/CdS@ZIF-8 core-shell nanocomposites and their applications in photocatalytic degradation of organic dyes. <i>RSC Advances</i> , <b>2017</b> , 7, 31365-31371	3.7	41
85	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission-silica nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 5757-5765	4.4	40
84	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> , <b>2006</b> , 386, 228-34	4.4	40
83	Aptamer based photoelectrochemical determination of tetracycline using a spindle-like ZnO-CdS@Au nanocomposite. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4367-4374	5.8	40
82	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11950-11954	3.6	39
81	Soft Multifaced and Patchy Colloids by Constrained Volume Self-Assembly. <i>Macromolecules</i> , <b>2016</b> , 49, 3580-3585	5.5	39
80	Three-Dimensional Nickel-Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 6959-6963	4.8	38
79	A label-free fluorescence turn-on assay for glutathione detection by using MnO nanosheets assisted aggregation-induced emission-silica nanospheres. <i>Talanta</i> , <b>2017</b> , 169, 1-7	6.2	38
78	Enhanced electrocatalytic activity of water oxidation in an alkaline medium via Fe doping in CoS nanosheets. <i>Chemical Communications</i> , <b>2019</b> , 55, 2469-2472	5.8	38
77	A novel FeS-NiS hybrid nanoarray: an efficient and durable electrocatalyst for alkaline water oxidation. <i>Chemical Communications</i> , <b>2019</b> , 55, 7335-7338	5.8	36
76	Topotactic Conversion of FeO Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2191-2195	7.8	34
75	Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 2689-2694	5.5	34
74	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> , <b>2018</b> , 255, 1753-1761	8.5	34
73	Preparation and characterization of Prussian blue nanowire array and bioapplication for glucose biosensing. <i>Analytica Chimica Acta</i> , <b>2007</b> , 605, 28-33	6.6	34
72	Turn-on fluorescence detection of $\beta$ glucuronidase using RhB@MOF-5 as an ultrasensitive nanoprobe. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 295, 1-6	8.5	33
71	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> , <b>2019</b> , 194, 55-62	6.2	32
70	Metal-organic framework as a multi-component sensor for detection of Fe <sup>3+</sup> , ascorbic acid and acid phosphatase. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 198-202	8.1	32

69	Core-Shell-Structured NiS <sub>2</sub> @Ni-Bi Nanoarray for Efficient Water Oxidation at Near-Neutral pH. <i>ChemCatChem</i> , <b>2017</b> , 9, 3138-3143	5.2	31
68	Amperometric Biosensors for Glucose Based on Layer-by-Layer Assembled Functionalized Carbon Nanotube and Poly (Neutral Red) Multilayer Film. <i>Analytical Letters</i> , <b>2006</b> , 39, 1785-1799	2.2	31
67	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> , <b>2017</b> , 4, 1546-1550	6.8	30
66	The role of L-histidine as molecular tongs: a strategy of grasping Tb using ZIF-8 to design sensors for monitoring an anthrax biomarker on-the-spot. <i>Chemical Science</i> , <b>2020</b> , 11, 2407-2413	9.4	30
65	Fluorescent turn-on determination of the activity of peptidases using peptide templated gold nanoclusters. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 605-610	5.8	29
64	Highly sensitive photoelectrochemical detection of bleomycin based on Au/WS nanorod array as signal matrix and Ag/ZnMOF nanozyme as multifunctional amplifier. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111875	11.8	29
63	NiO@Ni-MOF nanoarrays modified Ti mesh as ultrasensitive electrochemical sensing platform for luteolin detection. <i>Talanta</i> , <b>2020</b> , 215, 120891	6.2	28
62	Dual signal amplification photoelectrochemical biosensor for highly sensitive human epidermal growth factor receptor-2 detection. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 139, 111312	11.8	27
61	Embedding carbon dots and gold nanoclusters in metal-organic frameworks for ratiometric fluorescence detection of Cu. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 1317-1324	4.4	27
60	Detection of glutathione based on MnO nanosheet-gated mesoporous silica nanoparticles and target induced release of glucose measured with a portable glucose meter. <i>Mikrochimica Acta</i> , <b>2017</b> , 185, 44	5.8	27
59	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> , <b>2019</b> , 311, 114-122	6.7	26
58	A supersensitive biosensor based on MoS nanosheet arrays for the real-time detection of HO secreted from living cells. <i>Chemical Communications</i> , <b>2019</b> , 55, 9653-9656	5.8	25
57	Uricase based fluorometric determination of uric acid based on the use of graphene quantum dot@silver core-shell nanocomposites. <i>Mikrochimica Acta</i> , <b>2017</b> , 185, 63	5.8	23
56	Cascade enzymatic catalysis in poly(acrylic acid) brushes-nanospherical silica for glucose detection. <i>Talanta</i> , <b>2016</b> , 155, 265-71	6.2	22
55	Electrochemical Hydrazine Oxidation Catalyzed by Iron Phosphide Nanosheets Array toward Energy-Efficient Electrolytic Hydrogen Production from Water. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3401-3407	1.8	21
54	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> , <b>2018</b> , 6, 1545-1549	8.3	21
53	EDTA- and amine-functionalized graphene oxide as sorbents for Ni(II) removal. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 8942-8951		20
52	Porous NiN nanosheet array as a catalyst for nonenzymatic amperometric determination of glucose. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 229	5.8	20



51	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> , <b>2016</b> , 6, 64895-64901	3.7	19
50	Highly efficient and durable water oxidation in a near-neutral carbonate electrolyte electrocatalyzed by a core-shell structured NiO@NiTi nanosheet array. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 1287-1291	5.8	18
49	Anion-exchange synthesis of a nanoporous crystalline CoBO nanowire array for high-performance water oxidation electrocatalysis in borate solution. <i>Nanoscale</i> , <b>2017</b> , 9, 12343-12347	7.7	17
48	A G-triplex based molecular beacon for label-free fluorescence "turn-on" detection of bleomycin. <i>Analyst, The</i> , <b>2018</b> , 143, 5474-5480	5	17
47	A CuO-CeO 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> , <b>2019</b> , 186, 567	5.8	16
46	Colorimetric detection of Hg(II) based on the gold amalgam-triggered reductase mimetic activity in aqueous solution by employing AuNP@MOF nanoparticles. <i>Analyst, The</i> , <b>2020</b> , 145, 1362-1367	5	15
45	In-situ synthesis of 3D CuO@Cu-based MOF nanobelt arrays with improved conductivity for sensitive photoelectrochemical detection of vascular endothelial growth factor 165. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 167, 112481	11.8	15
44	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> , <b>2020</b> , 145, 6254-6261	5	15
43	o-Phenylenediamine/gold nanocluster-based nanoplatform for ratiometric fluorescence detection of alkaline phosphatase activity. <i>Talanta</i> , <b>2020</b> , 212, 120768	6.2	14
42	Ascorbic Acid-Loaded Apoferritin-Assisted Carbon Dot-MnO Nanocomposites for the Selective and Sensitive Detection of Trypsin.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 777-782	4.1	14
41	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15277-15282	3.6	14
40	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> , <b>2020</b> , 448, 227417	8.9	14
39	Self-powered cathodic photoelectrochemical aptasensor based on in situ-synthesized CuO-CuO nanowire array for detecting prostate-specific antigen. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 325	5.8	13
38	Sensitive fluorescence detection of heparin based on self-assembly of mesoporous silica nanoparticle-gold nanoclusters with emission enhancement characteristics. <i>Analyst, The</i> , <b>2018</b> , 143, 5388-5394 <sup>13</sup>	5.3	13
37	Fluorometric turn-on detection of ascorbic acid based on controlled release of polyallylamine-capped gold nanoclusters from MnO nanosheets. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 282	5.8	12
36	An amplified fluorescence detection of T4 polynucleotide kinase activity based on coupled exonuclease III reaction and a graphene oxide platform. <i>Analyst, The</i> , <b>2015</b> , 140, 1827-31	5	12
35	Sensitive fluorescence turn-on detection of bleomycin based on a superquenched perylene-DNA complex. <i>RSC Advances</i> , <b>2015</b> , 5, 86849-86854	3.7	12
34	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> , <b>2019</b> , 186, 490	5.8	12

33	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> , <b>2019</b> , 186, 73	5.8	12
32	Functional Aptamer-Embedded Nanomaterials for Diagnostics and Therapeutics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9542-9560	9.5	12
31	A photoelectrochemical aptasensor based on p-n heterojunction CdS-CuO nanorod arrays with enhanced photocurrent for the detection of prostate-specific antigen. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 841-848	4.4	11
30	In situ conversion of layered double hydroxide arrays into nanoflowers of Ni <sub>3</sub> V <sub>2</sub> LDH-MOF as a highly efficient and stable electrocatalyst for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 4509-4512	5.5	10
29	A carbon dot doped lanthanide coordination polymer nanocomposite as the ratiometric fluorescent probe for the sensitive detection of alkaline phosphatase activity. <i>Analyst</i> , <b>2021</b> , 146, 2862-2870	5	10
28	Construction of a Polarity-Switchable Photoelectrochemical Biosensor for Ultrasensitive Detection of miRNA-141. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 13727-13733	7.8	10
27	Sensitive determination of nitrite by using an electrode modified with hierarchical three-dimensional tungsten disulfide and reduced graphene oxide aerogel. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 291	5.8	9
26	CuO/Cu <sub>2</sub> O nanowire array photoelectrochemical biosensor for ultrasensitive detection of tyrosinase. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1012-1018	7.9	9
25	Luminescent metal organic frameworks with recognition sites for detection of hypochlorite through energy transfer. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 740	5.8	9
24	Hg-mediated stabilization of G-triplex based molecular beacon for label-free fluorescence detection of Hg, reduced glutathione, and glutathione reductase activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 228, 117855	4.4	9
23	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> , <b>2020</b> , 187, 258	5.8	8
22	A novel, sensitive and convenient method for determination of sialic acids in human serum utilizing ultrasonic-assisted closed in-syringe hydrolysis and derivatization prior to high performance liquid chromatography. <i>Analytical Methods</i> , <b>2016</b> , 8, 554-563	3.2	8
21	Amperometric Biosensors Based on Platinum Nanowires. <i>Analytical Letters</i> , <b>2007</b> , 40, 875-886	2.2	7
20	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> , <b>2021</b> , 93, 8219-8227	7.8	7
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3	Iron nanoparticles loaded on nickel sulfide nanosheets: an efficient amorphous catalyst for water oxidation. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 5498-5502	5.8	1
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