

Feng-Li Qu

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Long-wavelength emission carbon dots as self-ratiometric fluorescent nanoprobe for sensitive determination of Zn.. <i>Mikrochimica Acta</i> , 2022 , 189, 55	5.8	1
139	A T-rich nucleic acid-enhanced electrochemical platform based on electroactive silver nanoclusters for miRNA detection.. <i>Biosensors and Bioelectronics</i> , 2022 , 208, 114215	11.8	0
138	Aptasensors for Cancerous Exosome Detection.. <i>Methods in Molecular Biology</i> , 2022 , 2504, 3-20	1.4	
137	Engineering DNA on the Surface of Upconversion Nanoparticles for Bioanalysis and Therapeutics. <i>ACS Nano</i> , 2021 ,	16.7	6
136	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	7.8	7
135	A novel ratiometric fluorescence nanoprobe for sensitive determination of uric acid based on CD@ZIF-CuNC nanocomposites. <i>Mikrochimica Acta</i> , 2021 , 188, 259	5.8	5
134	Metal-organic framework as a multi-component sensor for detection of Fe ³⁺ , ascorbic acid and acid phosphatase. <i>Chinese Chemical Letters</i> , 2021 , 32, 198-202	8.1	32
133	Facile synthesis of branched Au nanocrystals with sub-10-nm arms and their applications for ethanol oxidation reaction. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	2
132	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	5	10
131	Functional Aptamer-Embedded Nanomaterials for Diagnostics and Therapeutics. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9542-9560	9.5	12
130	Construction of a Polarity-Switchable Photoelectrochemical Biosensor for Ultrasensitive Detection of miRNA-141. <i>Analytical Chemistry</i> , 2021 , 93, 13727-13733	7.8	10
129	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	7.8	3
128	Self-powered cathodic photoelectrochemical aptasensor based on in situ-synthesized CuO-CuO nanowire array for detecting prostate-specific antigen. <i>Mikrochimica Acta</i> , 2020 , 187, 325	5.8	13
127	NiO@Ni-MOF nanoarrays modified Ti mesh as ultrasensitive electrochemical sensing platform for luteolin detection. <i>Talanta</i> , 2020 , 215, 120891	6.2	28
126	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	5.8	8
125	Crystallinity Variation in Seeded Growth of Gold@Silver Core-Shell Nanocrystals: Truncated Right Bipyramids and Their Hollow Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2950-2954	2.3	3
124	In situ conversion of layered double hydroxide arrays into nanoflowers of Ni ₃ V ₂ O ₁₀ -MOF as a highly efficient and stable electrocatalyst for the oxygen evolution reaction. <i>Catalysis Science and Technology</i> , 2020 , 10, 4509-4512	5.5	10

123	o-Phenylenediamine/gold nanocluster-based nanoplatform for ratiometric fluorescence detection of alkaline phosphatase activity. <i>Talanta</i> , 2020 , 212, 120768	6.2	14
122	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> , 2020 , 145, 1362-1367	5	15
121	CuO/Cu ₂ O nanowire array photoelectrochemical biosensor for ultrasensitive detection of tyrosinase. <i>Science China Chemistry</i> , 2020 , 63, 1012-1018	7.9	9
120	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> , 2020 , 396, 122776	12.8	97
119	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> , 2020 , 11, 2407-2413	9.4	30
118	New insights into mechanisms on electrochemical N ₂ reduction reaction driven by efficient zero-valence Cu nanoparticles. <i>Journal of Power Sources</i> , 2020 , 448, 227417	8.9	14
117	A label-free G-quadruplex-based fluorescence assay for sensitive detection of alkaline phosphatase with the assistance of Cu. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 227, 117607	4.4	6
116	Embedding carbon dots and gold nanoclusters in metal-organic frameworks for ratiometric fluorescence detection of Cu. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1317-1324	4.4	27
115	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> , 2020 , 150, 111875	11.8	29
114	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> , 2020 , 228, 117855	4.4	9
113	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> , 2020 , 412, 841-848	4.4	11
112	Iron nanoparticles loaded on nickel sulfide nanosheets: an efficient amorphous catalyst for water oxidation. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 5498-5502	5.8	1
111	Co-MOF/titanium nanosheet array: An excellent electrocatalyst for non-enzymatic detection of H ₂ O ₂ released from living cells. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 878, 114553	4.1	6
110	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> , 2020 , 92, 3366-3372	7.8	60
109	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> , 2020 , 167, 112481	11.8	15
108	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	5	15
107	Seeded growth of gold-silver ultrathin wire-dot hybrid nanostructures. <i>CrystEngComm</i> , 2020 , 22, 5768-5775	3.5	4
106	Seed-Morphology-Directed Synthesis of Concave Gold Nanocrystals with Tunable Sizes. <i>Langmuir</i> , 2020 , 36, 15610-15617	4	5

105	Recent Progress and Development in Inorganic Halide Perovskite Quantum Dots for Photoelectrochemical Applications. <i>Small</i> , 2020 , 16, e1903398	11	69
104	A Metal-Organic Framework as Selectivity Regulator for Fe and Ascorbic Acid Detection. <i>Analytical Chemistry</i> , 2019 , 91, 12453-12460	7.8	92
103	A label-free and fluorescence turn-on assay for sensitive detection of hyaluronidase based on hyaluronan-induced perylene self-assembly. <i>New Journal of Chemistry</i> , 2019 , 43, 3383-3389	3.6	6
102	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3531-3543	5.43	199
101	Enhanced electrocatalytic activity of water oxidation in an alkaline medium via Fe doping in CoS nanosheets. <i>Chemical Communications</i> , 2019 , 55, 2469-2472	5.8	38
100	A novel FeS-NiS hybrid nanoarray: an efficient and durable electrocatalyst for alkaline water oxidation. <i>Chemical Communications</i> , 2019 , 55, 7335-7338	5.8	36
99	Turn-on fluorescence detection of β -glucuronidase using RhB@MOF-5 as an ultrasensitive nanoprobe. <i>Sensors and Actuators B: Chemical</i> , 2019 , 295, 1-6	8.5	33
98	Dual signal amplification photoelectrochemical biosensor for highly sensitive human epidermal growth factor receptor-2 detection. <i>Biosensors and Bioelectronics</i> , 2019 , 139, 111312	11.8	27
97	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	5.8	9
96	Fluorometric turn-on detection of ascorbic acid based on controlled release of polyallylamine-capped gold nanoclusters from MnO nanosheets. <i>Mikrochimica Acta</i> , 2019 , 186, 282	5.8	12
95	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	6.7	26
94	Ratiometric electrochemical sensor for sensitive detection of sunset yellow based on three-dimensional polyethyleneimine functionalized reduced graphene oxide aerogels@Au nanoparticles/ β -cyclodextrin. <i>Nanotechnology</i> , 2019 , 30, 475503	3.4	6
93	A supersensitive biosensor based on MoS nanosheet arrays for the real-time detection of HO secreted from living cells. <i>Chemical Communications</i> , 2019 , 55, 9653-9656	5.8	25
92	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> , 2019 , 186, 567	5.8	16
91	Photoelectrochemical determination of trypsin by using an indium tin oxide electrode modified with a composite prepared from MoS nanosheets and TiO nanorods. <i>Mikrochimica Acta</i> , 2019 , 186, 490	5.8	12
90	Luminescent metal organic frameworks with recognition sites for detection of hypochlorite through energy transfer. <i>Mikrochimica Acta</i> , 2019 , 186, 740	5.8	9
89	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	5.8	12
88	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	6.2	32

87	Al-Doped NiP nanosheet array: a superior and durable electrocatalyst for alkaline hydrogen evolution. <i>Chemical Communications</i> , 2018 , 54, 2894-2897	5.8	84
86	Fe(TCNQ) ₂ 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	8.3	21
85	Ni(OH)-FeP hybrid nanoarray for alkaline hydrogen evolution reaction with superior activity. <i>Chemical Communications</i> , 2018 , 54, 1201-1204	5.8	93
84	Highly efficient electrochemical ammonia synthesis via nitrogen reduction reactions on a VN nanowire array under ambient conditions. <i>Chemical Communications</i> , 2018 , 54, 5323-5325	5.8	157
83	Porous NiN nanosheet array as a catalyst for nonenzymatic amperometric determination of glucose. <i>Mikrochimica Acta</i> , 2018 , 185, 229	5.8	20
82	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	8.5	34
81	Cobalt nitride nanowire array as an efficient electrochemical sensor for glucose and H ₂ O ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 1254-1261	8.5	225
80	Enhanced electrocatalysis for alkaline hydrogen evolution by Mn doping in a NiS nanosheet array. <i>Chemical Communications</i> , 2018 , 54, 10100-10103	5.8	56
79	Ascorbic Acid-Loaded Apoferritin-Assisted Carbon Dot-MnO Nanocomposites for the Selective and Sensitive Detection of Trypsin.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 777-782	4.1	14
78	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	6.8	66
77	Ni(OH) ₂ Nanoparticles Embedded in Conductive Microrod Array: An Efficient and Durable Electrocatalyst for Alkaline Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2018 , 8, 651-655	13.1	104
76	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 ¹³	5.5	13
75	CrO nanofiber: a high-performance electrocatalyst toward artificial N fixation to NH under ambient conditions. <i>Chemical Communications</i> , 2018 , 54, 12848-12851	5.8	86
74	Convenient and sensitive colorimetric detection of melamine in dairy products based on Cu(ii)-HO-3,3',5,5'-tetramethylbenzidine system.. <i>RSC Advances</i> , 2018 , 8, 34877-34882	3.7	7
73	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , 2018 , 10, 21617-21624	7.7	227
72	A G-triplex based molecular beacon for label-free fluorescence "turn-on" detection of bleomycin. <i>Analyst, The</i> , 2018 , 143, 5474-5480	5	17
71	Fe-Doped NiP Nanosheet Array for High-Efficiency Electrochemical Water Oxidation. <i>Inorganic Chemistry</i> , 2017 , 56, 1041-1044	5.1	164
70	Topotactic Conversion of FeO Nanowires into FeP as a Superior Fluorosensor for Nucleic Acid Detection: Insights from Experiment and Theory. <i>Analytical Chemistry</i> , 2017 , 89, 2191-2195	7.8	34

69	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	6.8	75
68	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	13	211
67	In situ electrochemical surface derivation of cobalt phosphate from a Co(CO)(OH) \cdot 1.11H ₂ O nanoarray for efficient water oxidation in neutral aqueous solution. <i>Nanoscale</i> , 2017 , 9, 3752-3756	7.7	75
66	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	5.8	69
65	Design and Application of Foams for Electrocatalysis. <i>ChemCatChem</i> , 2017 , 9, 1721-1743	5.2	202
64	Fe N-Co N Nanowires Array: A Non-Noble-Metal Bifunctional Catalyst Electrode for High-Performance Glucose Oxidation and H ₂ O Reduction toward Non-Enzymatic Sensing Applications. <i>Chemistry - A European Journal</i> , 2017 , 23, 5214-5218	4.8	103
63	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	5.1	42
62	Interconnected Network of Core-Shell CoP@CoBiPi for Efficient Water Oxidation Electrocatalysis under Near Neutral Conditions. <i>ChemSusChem</i> , 2017 , 10, 1370-1374	8.3	55
61	In situ formation of a 3D core/shell structured Ni ₃ 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> , 2017 , 5, 7806-7810	13	172
60	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	11	84
59	A porous Ni ₃ 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	6.8	183
58	Enhanced Electrocatalysis for Energy-Efficient Hydrogen Production over CoP Catalyst with Nonelectroactive Zn as a Promoter. <i>Advanced Energy Materials</i> , 2017 , 7, 1700020	21.8	428
57	Electrochemical Hydrazine Oxidation Catalyzed by Iron Phosphide Nanosheets Array toward Energy-Efficient Electrolytic Hydrogen Production from Water. <i>ChemistrySelect</i> , 2017 , 2, 3401-3407	1.8	21
56	Visualization of Endoplasmic Reticulum Aminopeptidase 1 under Different Redox Conditions with a Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2017 , 89, 7641-7648	7.8	70
55	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> , 2017 , 1, 1287-1291	5.8	18
54	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	3.7	41
53	Co-based nanowire films as complementary hydrogen- and oxygen-evolving electrocatalysts in neutral electrolyte. <i>Catalysis Science and Technology</i> , 2017 , 7, 2689-2694	5.5	34
52	Se doping: an effective strategy toward Fe ₂ O ₃ nanorod arrays for greatly enhanced solar water oxidation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12086-12090	13	69

51	Three-Dimensional Nickel-Borate Nanosheets Array for Efficient Oxygen Evolution at Near-Neutral pH. <i>Chemistry - A European Journal</i> , 2017 , 23, 6959-6963	4.8	38
50	Core-shell-Structured NiS ₂ @Ni-Bi Nanoarray for Efficient Water Oxidation at Near-Neutral pH. <i>ChemCatChem</i> , 2017 , 9, 3138-3143	5.2	31
49	In situ surface derivation of an Fe ₃ O ₄ @Bi layer on an Fe-doped Co ₃ O ₄ nanoarray for efficient water oxidation electrocatalysis under near-neutral conditions. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 6388-6392	13.3	65
48	Optimization of Release Conditions for Acetylated Amino Sugars from Glycoprotein with the Aid of Experimental Design and Their Sensitive Determination with HPLC. <i>Chromatographia</i> , 2017 , 80, 861-872	2.1	3
47	A label-free fluorescence turn-on assay for glutathione detection by using MnO nanosheets assisted aggregation-induced emission-silica nanospheres. <i>Talanta</i> , 2017 , 169, 1-7	6.2	38
46	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	6.8	76
45	A CuP-CoP hybrid nanowire array: a superior electrocatalyst for acidic hydrogen evolution reactions. <i>Chemical Communications</i> , 2017 , 53, 12012-12015	5.8	86
44	Uricase based fluorometric determination of uric acid based on the use of graphene quantum dot@silver core-shell nanocomposites. <i>Mikrochimica Acta</i> , 2017 , 185, 63	5.8	23
43	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	8.3	45
42	A mitochondrial-targeted prodrug for NIR imaging guided and synergetic NIR photodynamic-chemo cancer therapy. <i>Chemical Science</i> , 2017 , 8, 7689-7695	9.4	114
41	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> , 2017 , 23, 11499-11503	4.8	57
40	Remarkable enhancement of the alkaline oxygen evolution reaction activity of NiCo ₂ O ₄ by an amorphous borate shell. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1546-1550	6.8	30
39	An amorphous FeMoS nanorod array toward efficient hydrogen evolution electrocatalysis under neutral conditions. <i>Chemical Communications</i> , 2017 , 53, 9000-9003	5.8	108
38	Homologous Catalysts Based on Fe-Doped CoP Nanoarrays for High-Performance Full Water Splitting under Benign Conditions. <i>ChemSusChem</i> , 2017 , 10, 3188-3192	8.3	49
37	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	16.4	125
36	A self-supported NiMoS ₄ nanoarray as an efficient 3D cathode for the alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16585-16589	13	94
35	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	3.6	39
34	Enhanced Photoelectrochemical Water Oxidation Performance of Fe ₂ O ₃ Nanorods Array by S Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7502-7506	8.3	91

33	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	4.4	40
32	Anion-exchange synthesis of a nanoporous crystalline CoBO nanowire array for high-performance water oxidation electrocatalysis in borate solution. <i>Nanoscale</i> , 2017 , 9, 12343-12347	7.7	17
31	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	3.6	14
30	In Situ Derived Co ₂ B Nanoarray: A High-Efficiency and Durable 3D Bifunctional Electrocatalyst for Overall Alkaline Water Splitting. <i>Small</i> , 2017 , 13, 1700805	11	257
29	Novel turn-on fluorescent detection of alkaline phosphatase based on green synthesized carbon dots and MnO nanosheets. <i>Talanta</i> , 2017 , 165, 136-142	6.2	124
28	A MnCo ₂ S ₄ 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	13	112
27	Aptamer based photoelectrochemical determination of tetracycline using a spindle-like ZnO-CdS@Au nanocomposite. <i>Mikrochimica Acta</i> , 2017 , 184, 4367-4374	5.8	40
26	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> , 2017 , 185, 44	5.8	27
25	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, 383-8	11.8	97
24	EDTA- and amine-functionalized graphene oxide as sorbents for Ni(II) removal. <i>Desalination and Water Treatment</i> , 2016 , 57, 8942-8951		20
23	Fluorescent turn-on determination of the activity of peptidases using peptide templated gold nanoclusters. <i>Mikrochimica Acta</i> , 2016 , 183, 605-610	5.8	29
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> , 2016 , 8, 554-563	3.2	8
21	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	6.2	51
20	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 ₂ as sorbent. <i>RSC Advances</i> , 2016 , 6, 64895-64901	3.7	19
19	Niche nanoparticle-based FRET assay for bleomycin detection via DNA scission. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 76-82	11.8	50
18	Cascade enzymatic catalysis in poly(acrylic acid) brushes-nanospherical silica for glucose detection. <i>Talanta</i> , 2016 , 155, 265-71	6.2	22
17	Soft Multifaced and Patchy Colloids by Constrained Volume Self-Assembly. <i>Macromolecules</i> , 2016 , 49, 3580-3585	5.5	39
16	Dual Signal Amplification Electrochemical Biosensor for Monitoring the Activity and Inhibition of the Alzheimer's Related Protease β Secretase. <i>Analytical Chemistry</i> , 2016 , 88, 10559-10565	7.8	55

15	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, 1827-31	5	12
14	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, 909-14	11.8	125
13	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	11.8	74
12	Sensitive fluorescence turn-on detection of bleomycin based on a superquenched perylene-DNA complex. <i>RSC Advances</i> , 2015 , 5, 86849-86854	3.7	12
11	Electrochemical biosensing platform using hydrogel prepared from ferrocene modified amino acid as highly efficient immobilization matrix. <i>Analytical Chemistry</i> , 2014 , 86, 973-6	7.8	72
10	Pyrophosphate-regulated Zn(2+)-dependent DNAzyme activity: an amplified fluorescence sensing strategy for alkaline phosphatase. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 351-5	11.8	43
9	Colorimetric platform for visual detection of cancer biomarker based on intrinsic peroxidase activity of graphene oxide. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3927-31	11.8	136
8	Synthesis and Characterization of Poly(toluidine blue) Nanowires and Their Application in Amperometric Biosensors. <i>Electroanalysis</i> , 2009 , 21, 1152-1158	3	6
7	Electrochemical biosensing utilizing synergic action of carbon nanotubes and platinum nanowires prepared by template synthesis. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1749-55	11.8	58
6	Preparation and characterization of Prussian blue nanowire array and bioapplication for glucose biosensing. <i>Analytica Chimica Acta</i> , 2007 , 605, 28-33	6.6	34
5	Amperometric Biosensors Based on Platinum Nanowires. <i>Analytical Letters</i> , 2007 , 40, 875-886	2.2	7
4	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, 228-34	4.4	40
3	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	2.2	31
2	Amperometric biosensor for choline based on layer-by-layer assembled functionalized carbon nanotube and polyaniline multilayer film. <i>Analytical Biochemistry</i> , 2005 , 344, 108-14	3.1	143
1	A novel Cd-MOF with enhanced thermo-sensitivity: the rational design, synthesis and multipurpose applications. <i>Inorganic Chemistry Frontiers</i> ,	6.8	2