

# Jian-Ding Qiu

## List of Publications by Year in descending order

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235  
papers

12,619  
citations

19608

61  
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35952

97  
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237  
all docs

237  
docs citations

237  
times ranked

12599  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance artificial nitrogen fixation at ambient conditions using a metal-free electrocatalyst. <i>Nature Communications</i> , 2018, 9, 3485.	5.8	615
2	Controllable Deposition of Platinum Nanoparticles on Graphene As an Electrocatalyst for Direct Methanol Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15639-15645.	1.5	391
3	Regenerable and stable sp <sup>2</sup> carbon-conjugated covalent organic frameworks for selective detection and extraction of uranium. <i>Nature Communications</i> , 2020, 11, 436.	5.8	383
4	Boron-Doped Graphene Quantum Dots for Selective Glucose Sensing Based on the "Abnormal" Aggregation-Induced Photoluminescence Enhancement. <i>Analytical Chemistry</i> , 2014, 86, 4423-4430.	3.2	334
5	Regenerable Covalent Organic Frameworks for Photo-enhanced Uranium Adsorption from Seawater. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17684-17690.	7.2	240
6	Synthesis, Characterization, and Immobilization of Prussian Blue-Modified Au Nanoparticles: Application to Electrocatalytic Reduction of H <sub>2</sub> O <sub>2</sub> . <i>Langmuir</i> , 2007, 23, 2133-2137.	1.6	216
7	The Synergistic Effect of Prussian-Blue-Grafted Carbon Nanotube/Poly(4-vinylpyridine) Composites for Amperometric Sensing. <i>Advanced Functional Materials</i> , 2007, 17, 1574-1580.	7.8	202
8	Amperometric sensor based on ferrocene-modified multiwalled carbon nanotube nanocomposites as electron mediator for the determination of glucose. <i>Analytical Biochemistry</i> , 2009, 385, 264-269.	1.1	181
9	Surface Plasmon Resonance Sensor Based on Magnetic Molecularly Imprinted Polymers Amplification for Pesticide Recognition. <i>Analytical Chemistry</i> , 2013, 85, 11944-11951.	3.2	167
10	Using Graphene Quantum Dots as Photoluminescent Probes for Protein Kinase Sensing. <i>Analytical Chemistry</i> , 2013, 85, 9148-9155.	3.2	166
11	Graphene Quantum Dots Combined with Europium Ions as Photoluminescent Probes for Phosphate Sensing. <i>Chemistry - A European Journal</i> , 2013, 19, 3822-3826.	1.7	159
12	Prediction of G-protein-coupled receptor classes based on the concept of Chou's pseudo amino acid composition: An approach from discrete wavelet transform. <i>Analytical Biochemistry</i> , 2009, 390, 68-73.	1.1	150
13	Lanthanide Coordination Polymer Nanoparticles as an Excellent Artificial Peroxidase for Hydrogen Peroxide Detection. <i>Analytical Chemistry</i> , 2016, 88, 6342-6348.	3.2	148
14	Stable sp carbon-conjugated covalent organic framework for detection and efficient adsorption of uranium from radioactive wastewater. <i>Journal of Hazardous Materials</i> , 2020, 392, 122333.	6.5	136
15	Magnetic Fe <sub>3</sub> O <sub>4</sub> @Au composite-enhanced surface plasmon resonance for ultrasensitive detection of magnetic nanoparticle-enriched $\alpha$ -fetoprotein. <i>Analytica Chimica Acta</i> , 2012, 737, 22-28.	2.6	129
16	Nanocomposite film based on graphene oxide for high performance flexible glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 287-294.	4.0	125
17	Using the Concept of Chou's Pseudo Amino Acid Composition to Predict Enzyme Family Classes: An Approach with Support Vector Machine Based on Discrete Wavelet Transform. <i>Protein and Peptide Letters</i> , 2010, 17, 715-722.	0.4	124
18	Controllable Deposition of a Platinum Nanoparticle Ensemble on a Polyaniline/Graphene Hybrid as a Novel Electrode Material for Electrochemical Sensing. <i>Chemistry - A European Journal</i> , 2012, 18, 7950-7959.	1.7	124

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19	A label-free amperometric immunosensor based on biocompatible conductive redox chitosan-ferrocene/gold nanoparticles matrix. <i>Biosensors and Bioelectronics</i> , 2009, 25, 852-857.	5.3	121
20	Synthesis and characterization of ferrocene modified Fe <sub>3</sub> O <sub>4</sub> @Au magnetic nanoparticles and its application. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2649-2653.	5.3	110
21	A novel open-tubular capillary electrochromatography using $\beta$ -cyclodextrin functionalized graphene oxide-magnetic nanocomposites as tunable stationary phase. <i>Journal of Chromatography A</i> , 2012, 1266, 95-102.	1.8	110
22	Fluorescent graphene quantum dots with a boronic acid appended bipyridinium salt to sense monosaccharides in aqueous solution. <i>Chemical Communications</i> , 2013, 49, 5180.	2.2	109
23	Regenerable Carbohydrazide-Linked Fluorescent Covalent Organic Frameworks for Ultrasensitive Detection and Removal of Mercury. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 445-451.	3.2	108
24	Graphene oxide and dextran capped gold nanoparticles based surface plasmon resonance sensor for sensitive detection of concanavalin A. <i>Biosensors and Bioelectronics</i> , 2013, 50, 305-310.	5.3	107
25	Ferrocene-modified Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> magnetic nanoparticles as building blocks for construction of reagentless enzyme-based biosensors. <i>Electrochemistry Communications</i> , 2007, 9, 2734-2738.	2.3	103
26	Incorporating key position and amino acid residue features to identify general and species-specific Ubiquitin conjugation sites. <i>Bioinformatics</i> , 2013, 29, 1614-1622.	1.8	102
27	Covalent Organic Framework Nanosheet-Based Ultrasensitive and Selective Colorimetric Sensor for Trace Hg <sup>2+</sup> Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9408-9415.	3.2	102
28	Graphene-based optical nanosensors for detection of heavy metal ions. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 280-289.	5.8	101
29	Facile preparation of magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @Au nanoparticle/myoglobin biofilm for direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1447-1453.	5.3	98
30	Colorimetric Assay Conversion to Highly Sensitive Electrochemical Assay for Bimodal Detection of Arsenate Based on Cobalt Oxyhydroxide Nanozyme via Arsenate Absorption. <i>Analytical Chemistry</i> , 2019, 91, 6487-6497.	3.2	98
31	Facile preparation of novel core-shell enzyme-Au-polydopamine-Fe <sub>3</sub> O <sub>4</sub> magnetic bionanoparticles for glucosensor. <i>Biosensors and Bioelectronics</i> , 2013, 42, 293-299.	5.3	94
32	Biocomposites of covalently linked glucose oxidase on carbon nanotubes for glucose biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 918-922.	1.9	91
33	A dual-potential electrochemiluminescence ratiometric approach based on graphene quantum dots and luminol for highly sensitive detection of protein kinase activity. <i>Chemical Communications</i> , 2015, 51, 12669-12672.	2.2	89
34	Facile and Green Approach to the Synthesis of Boron Nitride Quantum Dots for 2,4,6-Trinitrophenol Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7315-7323.	4.0	88
35	A general design approach toward covalent organic frameworks for highly efficient electrochemiluminescence. <i>Nature Communications</i> , 2021, 12, 4735.	5.8	88
36	Facile synthesis of Fe <sub>3</sub> O <sub>4</sub> @Al <sub>2</sub> O <sub>3</sub> core-shell nanoparticles and their application to the highly specific capture of heme proteins for direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3005-3011.	5.3	87

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37	Cu nanoclusters-based ratiometric fluorescence probe for ratiometric and visualization detection of copper ions. <i>Analytica Chimica Acta</i> , 2015, 895, 95-103.	2.6	86
38	Electrochemically deposited nanocomposite film of CS-Fc/Au NPs/GOx for glucose biosensor application. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2920-2925.	5.3	85
39	Facile preparation of protein stationary phase based on polydopamine/graphene oxide platform for chip-based open tubular capillary electrochromatography enantioseparation. <i>Journal of Chromatography A</i> , 2014, 1323, 135-142.	1.8	85
40	Simultaneously electrochemical detection of microRNAs based on multifunctional magnetic nanoparticles probe coupling with hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2017, 97, 325-331.	5.3	85
41	Identifying protein quaternary structural attributes by incorporating physicochemical properties into the general form of Chou's PseAAC via discrete wavelet transform. <i>Molecular BioSystems</i> , 2012, 8, 3178.	2.9	83
42	Environment-friendly facile synthesis of Pt nanoparticles supported on polydopamine modified carbon materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3945.	5.2	83
43	Controllable deposition of platinum nanoparticles on polyaniline-functionalized carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2012, 22, 17196.	6.7	82
44	Fabrication of Z-scheme magnetic MoS <sub>2</sub> /CoFe <sub>2</sub> O <sub>4</sub> nanocomposites with highly efficient photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 664-674.	5.0	82
45	PLMLA: prediction of lysine methylation and lysine acetylation by combining multiple features. <i>Molecular BioSystems</i> , 2012, 8, 1520.	2.9	81
46	A novel amperometric immunosensor based on three-dimensional sol-gel network and nanoparticle self-assemble technique. <i>Analytica Chimica Acta</i> , 2005, 534, 223-229.	2.6	79
47	One-pot synthesis of GO/AgNPs/luminol composites with electrochemiluminescence activity for sensitive detection of DNA methyltransferase activity. <i>Biosensors and Bioelectronics</i> , 2015, 63, 458-464.	5.3	78
48	Covalent Organic Framework Nanosheets for Fluorescence Sensing via Metal Coordination. <i>ACS Applied Nano Materials</i> , 2019, 2, 5342-5349.	2.4	78
49	Low Band Gap Benzoxazole-Linked Covalent Organic Frameworks for Photo-Enhanced Targeted Uranium Recovery. <i>Small</i> , 2021, 17, e2006882.	5.2	78
50	Rational design of covalent organic frameworks as a groundbreaking uranium capture platform through three synergistic mechanisms. <i>Applied Catalysis B: Environmental</i> , 2021, 294, 120250.	10.8	77
51	One-step, stabilizer-free and green synthesis of Cu nanoclusters as fluorescent probes for sensitive and selective detection of nitrite ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 314-319.	4.0	76
52	PMeS: Prediction of Methylation Sites Based on Enhanced Feature Encoding Scheme. <i>PLoS ONE</i> , 2012, 7, e38772.	1.1	74
53	Efficient DNA-Catalyzed Porphyrin Metalation for Fluorescent Ratiometric Pb <sup>2+</sup> Detection. <i>Analytical Chemistry</i> , 2019, 91, 11403-11408.	3.2	74
54	Green synthesis of peptide-templated gold nanoclusters as novel fluorescence probes for detecting protein kinase activity. <i>Chemical Communications</i> , 2015, 51, 10006-10009.	2.2	72

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55	Label-free fluorescence assay for protein kinase based on peptide biomineralized gold nanoclusters as signal sensing probe. <i>Biosensors and Bioelectronics</i> , 2015, 64, 234-240.	5.3	69
56	Facile Construction of Covalent Organic Framework Nanozyme for Colorimetric Detection of Uranium. <i>Small</i> , 2021, 17, e2102944.	5.2	69
57	One-Pot Synthesis of Boron Carbon Nitride Nanosheets for Facile and Efficient Heavy Metal Ions Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11685-11694.	3.2	68
58	Difunctional covalent organic framework hybrid material for synergistic adsorption and selective removal of fluoroquinolone antibiotics. <i>Journal of Hazardous Materials</i> , 2021, 413, 125302.	6.5	68
59	Target-Triggering Multiple-Cycle Amplification Strategy for Ultrasensitive Detection of Adenosine Based on Surface Plasma Resonance Techniques. <i>Analytical Chemistry</i> , 2015, 87, 929-936.	3.2	67
60	Ratiometric Detection of Cu <sup>2+</sup> Using a Luminol-Tb-GMP Nanoprobe with High Sensitivity and Selectivity. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9333-9341.	3.2	65
61	Nanoceria-Templated Metal Organic Frameworks with Oxidase-Mimicking Activity Boosted by Hexavalent Chromium. <i>Analytical Chemistry</i> , 2020, 92, 2339-2346.	3.2	65
62	Position-Specific Analysis and Prediction for Protein Lysine Acetylation Based on Multiple Features. <i>PLoS ONE</i> , 2012, 7, e49108.	1.1	64
63	Aggregation-induced emission of luminol: a novel strategy for fluorescence ratiometric detection of ALP and As( <sup>v</sup> ) with high sensitivity and selectivity. <i>Chemical Communications</i> , 2018, 54, 7487-7490.	2.2	63
64	A conveniently synthesized redox-active fluorescent covalent organic framework for selective detection and adsorption of uranium. <i>Journal of Hazardous Materials</i> , 2022, 425, 127951.	6.5	63
65	DNA-templated Ag nanoclusters as fluorescent probes for sensing and intracellular imaging of hydroxyl radicals. <i>Talanta</i> , 2014, 118, 339-347.	2.9	62
66	Accurate <i>in silico</i> prediction of species-specific methylation sites based on information gain feature optimization. <i>Bioinformatics</i> , 2016, 32, 3107-3115.	1.8	62
67	Vinylene-linked covalent organic frameworks with enhanced uranium adsorption through three synergistic mechanisms. <i>Chemical Engineering Journal</i> , 2021, 419, 129550.	6.6	62
68	One-step synthesis of mussel-inspired molecularly imprinted magnetic polymer as stationary phase for chip-based open tubular capillary electrochromatography enantioseparation. <i>Journal of Chromatography A</i> , 2014, 1362, 301-308.	1.8	59
69	A luminescent lanthanide coordination polymer based on energy transfer from metal to metal for hydrogen peroxide detection. <i>Biosensors and Bioelectronics</i> , 2017, 89, 721-727.	5.3	59
70	Ratiometric electrochemical assay for sensitive detecting microRNA based on dual-amplification mechanism of duplex-specific nuclease and hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2018, 102, 211-216.	5.3	59
71	SuccFind: a novel succinylation sites online prediction tool via enhanced characteristic strategy. <i>Bioinformatics</i> , 2015, 31, 3748-3750.	1.8	58
72	Label-free colorimetric detection of biothiols utilizing SAM and unmodified Au nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 68, 668-674.	5.3	57

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73	A norepinephrine coated magnetic molecularly imprinted polymer for simultaneous multiple chiral recognition. <i>Journal of Chromatography A</i> , 2015, 1409, 268-276.	1.8	57
74	Electrochemical immunosensor for carcinoembryonic antigen based on signal amplification strategy of graphene and Fe <sub>3</sub> O <sub>4</sub> /Au NPs. <i>Journal of Electroanalytical Chemistry</i> , 2016, 761, 112-117.	1.9	57
75	Electrochemical sensor for arsenite detection using graphene oxide assisted generation of prussian blue nanoparticles as enhanced signal label. <i>Analytica Chimica Acta</i> , 2018, 1002, 82-89.	2.6	57
76	High-Efficiency Photoenhanced Extraction of Uranium from Natural Seawater by Olefin-Linked Covalent Organic Frameworks. <i>ACS ES&amp;T Water</i> , 2021, 1, 440-448.	2.3	57
77	A label-free amperometric immunosensor for alpha-fetoprotein determination based on highly ordered porous multi-walled carbon nanotubes/silica nanoparticles array platform. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 569-575.	4.0	56
78	Multiplexed Electrochemical Detection of Trypsin and Chymotrypsin Based on Distinguishable Signal Nanoprobes. <i>Analytical Chemistry</i> , 2014, 86, 9256-9263.	3.2	56
79	Computational prediction of species-specific malonylation sites via enhanced characteristic strategy. <i>Bioinformatics</i> , 2017, 33, 1457-1463.	1.8	56
80	Covalent organic frameworks constructed by flexible alkyl amines for efficient gold recovery from leaching solution of e-waste. <i>Chemical Engineering Journal</i> , 2021, 426, 131865.	6.6	56
81	PDMS microchip coated with polydopamine/gold nanoparticles hybrid for efficient electrophoresis separation of amino acids. <i>Electrophoresis</i> , 2011, 32, 3331-3340.	1.3	55
82	Graphene Quantum Dots Assembled with Metalloporphyrins for $\alpha$ -Turn on Sensing of Hydrogen Peroxide and Glucose. <i>Chemistry - A European Journal</i> , 2015, 21, 9343-9348.	1.7	54
83	Rapid Detection of Mercury Ions Based on Nitrogen-Doped Graphene Quantum Dots Accelerating Formation of Manganese Porphyrin. <i>ACS Sensors</i> , 2018, 3, 1040-1047.	4.0	54
84	OligoPred: A web-server for predicting homo-oligomeric proteins by incorporating discrete wavelet transform into Chou's pseudo amino acid composition. <i>Journal of Molecular Graphics and Modelling</i> , 2011, 30, 129-134.	1.3	52
85	A versatile polydopamine platform for facile preparation of protein stationary phase for chip-based open tubular capillary electrochromatography enantioseparation. <i>Journal of Chromatography A</i> , 2013, 1294, 145-151.	1.8	52
86	Nitrogen-Doped Graphene Quantum Dots as a New Catalyst Accelerating the Coordination Reaction between Cadmium(II) and 5,10,15,20-Tetrakis(1-methyl-4-pyridinio)porphyrin for Cadmium(II) Sensing. <i>Analytical Chemistry</i> , 2015, 87, 10894-10901.	3.2	52
87	Ferrocene-modified multiwalled carbon nanotubes as building block for construction of reagentless enzyme-based biosensors. <i>Sensors and Actuators B: Chemical</i> , 2008, 135, 181-187.	4.0	49
88	Sonochemical synthesis of magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @ZrO <sub>2</sub> nanoparticles and their application to the highly effective immobilization of myoglobin for direct electrochemistry. <i>Electrochimica Acta</i> , 2011, 56, 4231-4236.	2.6	49
89	Direct fluorescence detection of microRNA based on enzymatically engineered primer extension poly-thymine (EPEPT) reaction using copper nanoparticles as nano-dye. <i>Biosensors and Bioelectronics</i> , 2017, 87, 216-221.	5.3	49
90	Covalent Organic Framework Sponges for Efficient Solar Desalination and Selective Uranium Recovery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31561-31568.	4.0	49

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91	“On-off”-switchable electrochemical affinity nanobiosensor based on graphene oxide for ultrasensitive glucose sensing. <i>Biosensors and Bioelectronics</i> , 2013, 41, 430-435.	5.3	48
92	Alkynyl-Based sp <sup>2</sup> Carbon-Conjugated Covalent Organic Frameworks with Enhanced Uranium Extraction from Seawater by Photoinduced Multiple Effects. <i>CCS Chemistry</i> , 2021, 3, 168-179.	4.6	48
93	Colorimetric detection of methyltransferase activity based on the enhancement of CoOOH nanozyme activity by ssDNA. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 1073-1079.	4.0	47
94	Simultaneous sensitive detection and rapid adsorption of UO <sub>2</sub> <sup>2+</sup> based on a post-modified sp <sup>2</sup> carbon-conjugated covalent organic framework. <i>Environmental Science: Nano</i> , 2020, 7, 842-850.	2.2	47
95	An ultratrace assay of arsenite based on the synergistic quenching effect of Ru(bpy) <sub>3</sub> <sup>2+</sup> and arsenite on the electrochemiluminescence of Au <sup>13</sup> C <sub>3</sub> N <sub>4</sub> nanosheets. <i>Chemical Communications</i> , 2018, 54, 14001-14004.	2.2	46
96	Covalent organic framework hydrogels for synergistic seawater desalination and uranium extraction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25611-25620.	5.2	46
97	Fabrication, characterization, and application of potentiometric immunosensor based on biocompatible and controllable three-dimensional porous chitosan membranes. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 125-131.	5.0	45
98	Using support vector machines for prediction of protein structural classes based on discrete wavelet transform. <i>Journal of Computational Chemistry</i> , 2009, 30, 1344-1350.	1.5	43
99	Hydrogen peroxide biosensor based on the direct electrochemistry of myoglobin immobilized on ceria nanoparticles coated with multiwalled carbon nanotubes by a hydrothermal synthetic method. <i>Mikrochimica Acta</i> , 2010, 171, 333-339.	2.5	43
100	A novel nanosensor composed of aptamer bio-dots and gold nanoparticles for determination of thrombin with multiple signals. <i>Biosensors and Bioelectronics</i> , 2016, 85, 798-806.	5.3	43
101	B <sub>4</sub> C nanosheets decorated with <i>in situ</i> -derived boron-doped graphene quantum dots for high-efficiency ambient N <sub>2</sub> fixation. <i>Chemical Communications</i> , 2019, 55, 7406-7409.	2.2	43
102	Synthesis of imidazolium-based cationic organic polymer for highly efficient and selective removal of ReO <sub>4</sub> <sup>-</sup> /TcO <sub>4</sub> <sup>-</sup> . <i>Chemical Engineering Journal</i> , 2021, 419, 129546.	6.6	43
103	Construction of Two-Dimensional Fluorescent Covalent Organic Framework Nanosheets for the Detection and Removal of Nitrophenols. <i>Analytical Chemistry</i> , 2022, 94, 2517-2526.	3.2	43
104	Identify submitochondria and subchloroplast locations with pseudo amino acid composition: Approach from the strategy of discrete wavelet transform feature extraction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 424-430.	1.9	42
105	Bio-inspired hydroxylation imidazole linked covalent organic polymers for uranium extraction from aqueous phases. <i>Chemical Engineering Journal</i> , 2021, 420, 129658.	6.6	42
106	Preparation of nitrogen-doped graphene supporting Pt nanoparticles as a catalyst for oxygen reduction and methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2014, 728, 41-50.	1.9	41
107	Simultaneous Determination of Concanavalin A and Peanut Agglutinin by Dual-Color Quantum Dots. <i>Analytical Chemistry</i> , 2013, 85, 10969-10976.	3.2	40
108	Electrochemiluminescence resonance energy transfer between graphene quantum dots and graphene oxide for sensitive protein kinase activity and inhibitor sensing. <i>Analytica Chimica Acta</i> , 2016, 904, 58-64.	2.6	40

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109	Biocompatible and label-free amperometric immunosensor for hepatitis B surface antigen using a sensing film composed of poly(allylamine)-branched ferrocene and gold nanoparticles. <i>Mikrochimica Acta</i> , 2011, 174, 97-105.	2.5	39
110	PredSulSite: Prediction of protein tyrosine sulfation sites with multiple features and analysis. <i>Analytical Biochemistry</i> , 2012, 428, 16-23.	1.1	39
111	Regenerable Covalent Organic Frameworks for Photo-enhanced Uranium Adsorption from Seawater. <i>Angewandte Chemie</i> , 2020, 132, 17837-17843.	1.6	39
112	Enantiomeric separation by open-tubular capillary electrochromatography using bovine-serum-albumin-conjugated graphene oxide-magnetic nanocomposites as stationary phase. <i>Microfluidics and Nanofluidics</i> , 2014, 16, 195-206.	1.0	38
113	Simultaneous Determination of Protein Kinase A and Casein Kinase II by Dual-Color Peptide Biomaterialized Metal Nanoclusters. <i>Analytical Chemistry</i> , 2016, 88, 11460-11467.	3.2	38
114	Label-free Colorimetric Detection of Arsenite Utilizing Ga/Ta-Rich Oligonucleotides and Unmodified Au Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 5029-5033.	1.7	37
115	Separation of chiral compounds using magnetic molecularly imprinted polymer nanoparticles as stationary phase by microchip capillary electrochromatography. <i>Electrophoresis</i> , 2018, 39, 356-362.	1.3	37
116	Separation and Simultaneous Determination of Uric Acid and Ascorbic Acid on a Dynamically Modified Poly(dimethylsiloxane) Microchip. <i>Analytical Sciences</i> , 2007, 23, 1409-1414.	0.8	36
117	Simple and highly selective detection of arsenite based on the assembly-induced fluorescence enhancement of DNA quantum dots. <i>Biosensors and Bioelectronics</i> , 2017, 94, 701-706.	5.3	36
118	Mo-Doped FeP Nanospheres for Artificial Nitrogen Fixation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17452-17458.	4.0	36
119	A Nanocomposite Chitosan Based on Ferrocene-Modified Silica Nanoparticles and Carbon Nanotubes for Biosensor Application. <i>Electroanalysis</i> , 2007, 19, 2335-2341.	1.5	35
120	Microchip CE analysis of amino acids on a titanium dioxide nanoparticles-coated PDMS microfluidic device with in-channel indirect amperometric detection. <i>Electrophoresis</i> , 2009, 30, 3472-3479.	1.3	35
121	Predicting subcellular location of apoptosis proteins based on wavelet transform and support vector machine. <i>Amino Acids</i> , 2010, 38, 1201-1208.	1.2	34
122	Construction of graphene oxide magnetic nanocomposites-based on-chip enzymatic microreactor for ultrasensitive pesticide detection. <i>Journal of Chromatography A</i> , 2013, 1315, 28-35.	1.8	33
123	Label-free colorimetric assay for DNA methylation based on unmodified Au nanorods as a signal sensing probe coupled with enzyme-linkage reactions. <i>Chemical Communications</i> , 2013, 49, 3546.	2.2	33
124	The colorimetric assay of DNA methyltransferase activity based on strand displacement amplification. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 626-632.	4.0	33
125	Easy Design of Colorimetric Logic Gates Based on Nonnatural Base Pairing and Controlled Assembly of Gold Nanoparticles. <i>Langmuir</i> , 2013, 29, 8929-8935.	1.6	32
126	Optical sensors for inorganic arsenic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 869-879.	5.8	32



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127	Construction of Dâ€‘A-Conjugated Covalent Organic Frameworks with Enhanced Photodynamic, Photothermal, and Nanozymatic Activities for Efficient Bacterial Inhibition. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 28289-28300.	4.0	32
128	Direct electrochemistry and electrocatalysis of myoglobin immobilized on zirconia/multi-walled carbon nanotube nanocomposite. <i>Materials Research Bulletin</i> , 2010, 45, 1855-1860.	2.7	31
129	The prediction of palmitoylation site locations using a multiple feature extraction method. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 40, 125-130.	1.3	31
130	Multimodal Assay of Arsenite Contamination in Environmental Samples with Improved Sensitivity through Stimuli-Response of Multiligands Modified Silver Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6223-6232.	3.2	31
131	Preparation of porous chitosan/carbon nanotubes film modified electrode for biosensor application. <i>Mikrochimica Acta</i> , 2008, 162, 57-64.	2.5	30
132	Colorimetric Logic Gates Based on Ion-Dependent DNAzymes. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12352-12357.	1.5	30
133	Enzyme-free surface plasmon resonance aptasensor for amplified detection of adenosine via target-triggering strand displacement cycle and Au nanoparticles. <i>Analytica Chimica Acta</i> , 2015, 871, 28-34.	2.6	30
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