Jian-Ding Qiu

List of Publications by Year in Descending Order

230 papers	9,175 citations	53 h-index	83 g-index
237 ext. papers	10,829 ext. citations	6.9 avg, IF	6.66 L-index

#	Paper	IF	Citations
230	Rational designed molecularly imprinted triazine-based porous aromatic frameworks for enhanced palladium capture via three synergistic mechanisms. *Chemical Engineering Journal*, **2022**, 430, 132962	14.7	3
229	rGO-based covalent organic framework hydrogel for synergistically enhance uranium capture capacity through photothermal desalination. *Chemical Engineering Journal*, **2022**, 428, 131178	14.7	4
228	Ionic Liquid Modified Covalent Organic Frameworks for Efficient Detection and Adsorption of ReO4⁻/TcO4⁻. *Journal of Environmental Chemical Engineering*, **2022**, 107666	6.8	1
227	A conveniently synthesized redox-active fluorescent covalent organic framework for selective detection and adsorption of uranium. *Journal of Hazardous Materials*, **2021**, 425, 127951	12.8	6
226	Covalent Organic Frameworks as Advanced Uranyl Electrochemiluminescence Monitoring Platforms. *Analytical Chemistry*, **2021**, 93, 16149-16157	7.8	5
225	Regenerable and stable biomimetic hydroxyl-modified metal-organic frameworks for targeted uranium capture. *Chemical Engineering Journal*, **2021**, 133787	14.7	2
224	Arousing Electrochemiluminescence Out of Non-Electroluminescent Monomers within Covalent Organic Frameworks. *ACS Applied Materials & Interfaces*, **2021**, 13, 47921-47931	9.5	1
223	Tunable covalent organic framework electrochemiluminescence from non-electroluminescent monomers. *Cell Reports Physical Science*, **2021**, 3, 100630	6.1	1
222	A ratiometric lanthanide fluorescent probe for highly sensitive detection of alkaline phosphatase and arsenate. *Microchemical Journal*, **2021**, 164, 106027	4.8	4
221	mUSP: a high-accuracy map of the in situ crosstalk of ubiquitylation and SUMOylation proteome predicted via the feature enhancement approach. *Briefings in Bioinformatics*, **2021**, 22,	13.4	3
220	High-Efficiency Photoenhanced Extraction of Uranium from Natural Seawater by Olefin-Linked Covalent Organic Frameworks. *ACS ES&T Water*, **2021**, 1, 440-448		27
219	Zwitterionic surface charge regulation in ionic covalent organic nanosheets: Synergistic adsorption of fluoroquinolone antibiotics. *Chemical Engineering Journal*, **2021**, 417, 128034	14.7	7
218	Regenerable, anti-biofouling covalent organic frameworks for monitoring and extraction of uranium from seawater. *Environmental Chemistry Letters*, **2021**, 19, 1847-1856	13.3	6
217	Covalent Organic Framework Sponges for Efficient Solar Desalination and Selective Uranium Recovery. *ACS Applied Materials & Interfaces*, **2021**, 13, 31561-31568	9.5	7
216	Difunctional covalent organic framework hybrid material for synergistic adsorption and selective removal of fluoroquinolone antibiotics. *Journal of Hazardous Materials*, **2021**, 413, 125302	12.8	16
215	Band Gap Engineering in Vinylene-Linked Covalent Organic Frameworks for Enhanced Photocatalytic Degradation of Organic Contaminants and Disinfection of Bacteria.. *ACS Applied Bio Materials*, **2021**, 4, 6502-6511	4.1	5
214	A general design approach toward covalent organic frameworks for highly efficient electrochemiluminescence. *Nature Communications*, **2021**, 12, 4735	17.4	15

213	Bio-inspired hydroxylation imidazole linked covalent organic polymers for uranium extraction from aqueous phases. *Chemical Engineering Journal*, **2021**, 420, 129658	14.7	5
212	Synthesis of imidazolium-based cationic organic polymer for highly efficient and selective removal of ReO4⁻/TcO4⁻. *Chemical Engineering Journal*, **2021**, 419, 129546	14.7	8
211	Vinylene-linked covalent organic frameworks with enhanced uranium adsorption through three synergistic mechanisms. *Chemical Engineering Journal*, **2021**, 419, 129550	14.7	22
210	Facile Construction of Covalent Organic Framework Nanozyme for Colorimetric Detection of Uranium. *Small*, **2021**, 17, e2102944	11	10
209	Rational design of covalent organic frameworks as a groundbreaking uranium capture platform through three synergistic mechanisms. *Applied Catalysis B: Environmental*, **2021**, 294, 120250	21.8	24
208	Bi-functional natural polymers for highly efficient adsorption and reduction of gold. *Chemical Engineering Journal*, **2021**, 422, 130577	14.7	6
207	Covalent organic frameworks constructed by flexible alkyl amines for efficient gold recovery from leaching solution of e-waste. *Chemical Engineering Journal*, **2021**, 426, 131865	14.7	8
206	Porous BMTTPA-CS-GO nanocomposite for the efficient removal of heavy metal ions from aqueous solutions.. *RSC Advances*, **2021**, 11, 3725-3731	3.7	1
205	Low Band Gap Benzoxazole-Linked Covalent Organic Frameworks for Photo-Enhanced Targeted Uranium Recovery. *Small*, **2021**, 17, e2006882	11	28
204	Accurate prediction of species-specific 2-hydroxyisobutyrylation sites based on machine learning frameworks. *Analytical Biochemistry*, **2020**, 602, 113793	3.1	6
203	Mo-Doped FeP Nanospheres for Artificial Nitrogen Fixation. *ACS Applied Materials & Interfaces*, **2020**, 12, 17452-17458	9.5	18
202	Facile synthesis of fluorescent tungsten oxide quantum dots for telomerase detection based on the inner filter effect. *Analyst, The*, **2020**, 145, 2570-2579	5	4
201	Electronic synergy between ligands of luminol and isophthalic acid for fluorescence ratiometric detection of Hg. *Analytica Chimica Acta*, **2020**, 1128, 11-18	6.6	12
200	Regenerable Covalent Organic Frameworks for Photo-enhanced Uranium Adsorption from Seawater. *Angewandte Chemie - International Edition*, **2020**, 59, 17684-17690	16.4	83
199	Regenerable Covalent Organic Frameworks for Photo-enhanced Uranium Adsorption from Seawater. *Angewandte Chemie*, **2020**, 132, 17837-17843	3.6	17
198	Stable sp carbon-conjugated covalent organic framework for detection and efficient adsorption of uranium from radioactive wastewater. *Journal of Hazardous Materials*, **2020**, 392, 122333	12.8	63
197	Lanthanide Phosphate Nanoparticle-Based One-Step Optical Discrimination of Alkaline Phosphatase Activity. *ACS Applied Nano Materials*, **2020**, 3, 2336-2345	5.6	12
196	Regenerable and stable sp carbon-conjugated covalent organic frameworks for selective detection and extraction of uranium. *Nature Communications*, **2020**, 11, 436	17.4	166

195	Amorphous/Crystalline Hetero-Phase TiO -Coated Fe O Core-Shell Nanospindles: A High-Performance Artificial Nitrogen Fixation Electrocatalyst. *Chemistry - A European Journal*, **2020**, 26, 10226-10229	4.8	5
194	Electrochemical assay of protein kinase activity based on the Fe3O4@PNE-Ti4+ functionalized PDMS microchip. *Journal of Electroanalytical Chemistry*, **2020**, 877, 114645	4.1	3
193	Simultaneous sensitive detection and rapid adsorption of UO22+ based on a post-modified sp2 carbon-conjugated covalent organic framework. *Environmental Science: Nano*, **2020**, 7, 842-850	7.1	18
192	Regulation of multiple energy transfer processes in a simple nano-system for sensitive telomerase detection. *Analytica Chimica Acta*, **2020**, 1097, 135-143	6.6	3
191	Gold nanoclusters enhanced electrochemiluminescence of g-C3N4 for protein kinase activity analysis and inhibition. *Journal of Electroanalytical Chemistry*, **2020**, 856, 113706	4.1	13
190	Discrimination of single nucleotide polymorphisms by magnetic functionalized graphene oxide-based microchip system. *Journal of Electroanalytical Chemistry*, **2020**, 858, 113738	4.1	3
189	Nanoceria-Templated Metal Organic Frameworks with Oxidase-Mimicking Activity Boosted by Hexavalent Chromium. *Analytical Chemistry*, **2020**, 92, 2339-2346	7.8	28
188	An ultrasensitive electrochemiluminescence resonance energy transfer biosensor for divalent mercury monitoring. *Journal of Electroanalytical Chemistry*, **2020**, 856, 113494	4.1	11
187	Regenerable Carbohydrazide-Linked Fluorescent Covalent Organic Frameworks for Ultrasensitive Detection and Removal of Mercury. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 445-451	8.3	56
186	Ultrastable radical-doped coordination compounds with antimicrobial activity against antibiotic-resistant bacteria. *Chemical Communications*, **2020**, 56, 14353-14356	5.8	8
185	Charge-Enhanced Separation of Organic Pollutants in Water by Anionic Covalent Organic Frameworks. *ACS Omega*, **2020**, 5, 32002-32010	3.9	9
184	Electrochemical biosensor for telomerase activity assay based on HCR and dual interaction of the poly-adenine DNA with Au electrode and Ce-Ti dioxide nanorods. *Journal of Electroanalytical Chemistry*, **2020**, 877, 114633	4.1	1
183	Gold nanoparticles decorated carbon nitride nanosheets as a coreactant regulate the conversion of the dual-potential electrochemiluminescence of Ru(bpy) for Hg detection. *Chemical Communications*, **2020**, 56, 5625-5628	5.8	15
182	BC nanosheets decorated with in situ-derived boron-doped graphene quantum dots for high-efficiency ambient N fixation. *Chemical Communications*, **2019**, 55, 7406-7409	5.8	34
181	Covalent Organic Framework Nanosheet-Based Ultrasensitive and Selective Colorimetric Sensor for Trace Hg2+ Detection. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 9408-9415	8.3	57
180	Cobalt phosphide nanowires for fluorometric detection and in-situ imaging of telomerase activity via hybridization chain reactions. *Mikrochimica Acta*, **2019**, 186, 309	5.8	10
179	Colorimetric Assay Conversion to Highly Sensitive Electrochemical Assay for Bimodal Detection of Arsenate Based on Cobalt Oxyhydroxide Nanozyme via Arsenate Absorption. *Analytical Chemistry*, **2019**, 91, 6487-6497	7.8	64
178	Facile surface modification of mesoporous silica with heterocyclic silanes for efficiently removing arsenic. *Chinese Chemical Letters*, **2019**, 30, 1133-1136	8.1	18

177	Robust Colorimetric Detection of Cu2+ by Excessed Nucleotide Coordinated Nanozymes. *Journal of Analysis and Testing*, **2019**, 3, 260-268	3.2	6
176	Efficient DNA-Catalyzed Porphyrin Metalation for Fluorescent Ratiometric Pb Detection. *Analytical Chemistry*, **2019**, 91, 11403-11408	7.8	46
175	Optical sensors for inorganic arsenic detection. *TrAC - Trends in Analytical Chemistry*, **2019**, 118, 869-879	14.6	17
174	Covalent Organic Framework Nanosheets for Fluorescence Sensing via Metal Coordination. *ACS Applied Nano Materials*, **2019**, 2, 5342-5349	5.6	45
173	Colorimetric and electrochemical arsenate assays by exploiting the peroxidase-like activity of FeOOH nanorods. *Mikrochimica Acta*, **2019**, 186, 732	5.8	14
172	Aggregation-induced fluorescence of the luminol-terbium(III) complex in polymer nanoparticles for sensitive determination of thrombin. *Mikrochimica Acta*, **2019**, 187, 53	5.8	10
171	CdSe/ZnS quantum dots coated with carboxy-PEG and modified with the terbium(III) complex of guanosine 5Rmonophosphate as a fluorescent nanoprobe for ratiometric determination of arsenate via its inhibition of acid phosphatase activity. *Mikrochimica Acta*, **2019**, 186, 45	5.8	11
170	Colorimetric detection of methyltransferase activity based on the enhancement of CoOOH nanozyme activity by ssDNA. *Sensors and Actuators B: Chemical*, **2019**, 281, 1073-1079	8.5	29
169	Ultrasensitive detection of protein kinase activity based on the Au NPs mediated electrochemiluminescence amplification of S2O82T02 system. *Journal of Electroanalytical Chemistry*, **2019**, 833, 449-453	4.1	6
168	Graphene-based optical nanosensors for detection of heavy metal ions. *TrAC - Trends in Analytical Chemistry*, **2018**, 102, 280-289	14.6	63
167	Rapid Detection of Mercury Ions Based on Nitrogen-Doped Graphene Quantum Dots Accelerating Formation of Manganese Porphyrin. *ACS Sensors*, **2018**, 3, 1040-1047	9.2	40
166	A facile graphene oxide-based fluorescent nanosensor for the in situ "turn-on" detection of telomerase activity. *Analyst, The*, **2018**, 143, 2334-2341	5	13
165	Facile and Green Approach to the Synthesis of Boron Nitride Quantum Dots for 2,4,6-Trinitrophenol Sensing. *ACS Applied Materials & Interfaces*, **2018**, 10, 7315-7323	9.5	64
164	Ultrasensitively electrochemical detection activity of DNA methyltransferase using an autocatalytic and recycling amplification strategy. *Journal of Electroanalytical Chemistry*, **2018**, 808, 329-334	4.1	2
163	Fabrication of Z-scheme magnetic MoS/CoFeO nanocomposites with highly efficient photocatalytic activity. *Journal of Colloid and Interface Science*, **2018**, 514, 664-674	9.3	58
162	Amplification strategy for sensitive detection of methyltransferase activity based on surface plasma resonance techniques. *Analytica Chimica Acta*, **2018**, 1016, 12-18	6.6	6
161	Multimodal Assay of Arsenite Contamination in Environmental Samples with Improved Sensitivity through Stimuli-Response of Multiligands Modified Silver Nanoparticles. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 6223-6232	8.3	20
160	Electrochemical assay for As (III) by combination of highly thiol-rich trithiocyanuric acid and conductive reduced graphene oxide nanocomposites. *Journal of Electroanalytical Chemistry*, **2018**, 814, 97-103	4.1	7

159	Fluorescent Molybdenum Oxide Quantum Dots and HgII Synergistically Accelerate Cobalt Porphyrin Formation: A New Strategy for Trace HgII Analysis. *ACS Applied Nano Materials*, **2018**, 1, 1484-1491	5.6	6
158	Site-Specific Systematic Analysis of Lysine Modification Crosstalk. *Proteomics*, **2018**, 18, e1700292	4.8	4
157	Separation of chiral compounds using magnetic molecularly imprinted polymer nanoparticles as stationary phase by microchip capillary electrochromatography. *Electrophoresis*, **2018**, 39, 356-362	3.6	28
156	One-Pot Synthesis of Boron Carbon Nitride Nanosheets for Facile and Efficient Heavy Metal Ions Removal. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 11685-11694	8.3	44
155	A Br□anion adsorbed porous Ag nanowire film: in situ electrochemical preparation and application toward efficient CO2 electroreduction to CO with high selectivity. *Inorganic Chemistry Frontiers*, **2018**, 5, 2238-2241	6.8	20
154	Fast and Selective Detection of Cr(III) in Environmental Water Samples Using Phosphovanadate Y(VPO):Eu Fluorescence Nanorods. *ACS Sensors*, **2018**, 3, 1569-1575	9.2	10
153	Target induced aggregation of Ce(III)-based coordination polymer nanoparticles for fluorimetric detection of As(III). *Talanta*, **2018**, 190, 255-262	6.2	12
152	Fluorometric determination of the activity of alkaline phosphatase based on the competitive binding of gold nanoparticles and pyrophosphate to CePO:Tb nanorods. *Mikrochimica Acta*, **2018**, 185, 288	5.8	25
151	Luminescence determination of microRNAs based on the use of terbium(III) sensitized with an enzyme-activated guanine-rich nucleotide. *Mikrochimica Acta*, **2018**, 185, 280	5.8	6
150	High-performance artificial nitrogen fixation at ambient conditions using a metal-free electrocatalyst. *Nature Communications*, **2018**, 9, 3485	17.4	469
149	Aggregation-induced emission of luminol: a novel strategy for fluorescence ratiometric detection of ALP and As(v) with high sensitivity and selectivity. *Chemical Communications*, **2018**, 54, 7487-7490	5.8	47
148	Electrochemical sensor for arsenite detection using graphene oxide assisted generation of prussian blue nanoparticles as enhanced signal label. *Analytica Chimica Acta*, **2018**, 1002, 82-89	6.6	42
147	Ratiometric electrochemical assay for sensitive detecting microRNA based on dual-amplification mechanism of duplex-specific nuclease and hybridization chain reaction. *Biosensors and Bioelectronics*, **2018**, 102, 211-216	11.8	43
146	An ultratrace assay of arsenite based on the synergistic quenching effect of Ru(bpy) and arsenite on the electrochemiluminescence of Au-g-CN nanosheets. *Chemical Communications*, **2018**, 54, 14001-14004	5.8	34
145	A sensitive assay of telomerase activity based on the controllable aggregation of quantum dots. *Sensors and Actuators B: Chemical*, **2018**, 277, 22-29	8.5	6
144	Ratiometric Detection of Cu2+ Using a Luminol-Tb-GMP Nanoprobe with High Sensitivity and Selectivity. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 9333-9341	8.3	37
143	Bio-dots assembly-induced aggregation of gold nanoparticles for highly sensitive and selective colorimetric detection of methionine. *Sensors and Actuators B: Chemical*, **2017**, 244, 1031-1036	8.5	12
142	A Graphene Quantum Dots-Hypochlorite Hybrid System for the Quantitative Fluorescent Determination of Total Antioxidant Capacity. *Small*, **2017**, 13, 1700709	11	16

141	Simultaneously electrochemical detection of microRNAs based on multifunctional magnetic nanoparticles probe coupling with hybridization chain reaction. *Biosensors and Bioelectronics*, **2017**, 97, 325-331	11.8	61
140	Simple and highly selective detection of arsenite based on the assembly-induced fluorescence enhancement of DNA quantum dots. *Biosensors and Bioelectronics*, **2017**, 94, 701-706	11.8	27
139	Computing Prediction and Functional Analysis of Prokaryotic Propionylation. *Journal of Chemical Information and Modeling*, **2017**, 57, 2896-2904	6.1	5
138	Highly sensitive voltammetric determination of arsenite by exploiting arsenite-induced conformational change of ssDNA and the electrochemical indicator Methylene Blue. *Mikrochimica Acta*, **2017**, 184, 4047-4054	5.8	15
137	A luminescent lanthanide coordination polymer based on energy transfer from metal to metal for hydrogen peroxide detection. *Biosensors and Bioelectronics*, **2017**, 89, 721-727	11.8	37
136	Direct fluorescence detection of microRNA based on enzymatically engineered primer extension poly-thymine (EPEPT) reaction using copper nanoparticles as nano-dye. *Biosensors and Bioelectronics*, **2017**, 87, 216-221	11.8	42
135	The colorimetric assay of DNA methyltransferase activity based on strand displacement amplification. *Sensors and Actuators B: Chemical*, **2017**, 238, 626-632	8.5	23
134	Highly selective detection of disulfenylated proteins through a dimedone-based fluorescent probe and application in cells. *Sensors and Actuators B: Chemical*, **2017**, 238, 257-263	8.5	3
133	Computational prediction of species-specific malonylation sites via enhanced characteristic strategy. *Bioinformatics*, **2017**, 33, 1457-1463	7.2	23
132	Simultaneous Determination of Protein Kinase A and Casein Kinase II by Dual-Color Peptide Biomineralized Metal Nanoclusters. *Analytical Chemistry*, **2016**, 88, 11460-11467	7.8	30
131	A homology-based pipeline for global prediction of post-translational modification sites. *Scientific Reports*, **2016**, 6, 25801	4.9	4
130	One-step preparation and application of mussel-inspired poly(norepinephrine)-coated polydimethylsiloxane microchip for separation of chiral compounds. *Electrophoresis*, **2016**, 37, 1676-84	3.6	16
129	A novel nanosensor composed of aptamer bio-dots and gold nanoparticles for determination of thrombin with multiple signals. *Biosensors and Bioelectronics*, **2016**, 85, 798-806	11.8	34
128	Electrochemiluminescence resonance energy transfer between graphene quantum dots and graphene oxide for sensitive protein kinase activity and inhibitor sensing. *Analytica Chimica Acta*, **2016**, 904, 58-64	6.6	34
127	One-step, stabilizer-free and green synthesis of Cu nanoclusters as fluorescent probes for sensitive and selective detection of nitrite ions. *Sensors and Actuators B: Chemical*, **2016**, 230, 314-319	8.5	65
126	Gold nanoclusters-based dual-emission ratiometric fluorescence probe for monitoring protein kinase. *Sensors and Actuators B: Chemical*, **2016**, 226, 144-150	8.5	20
125	Electrochemical immunosensor for carcinoembryonic antigen based on signal amplification strategy of graphene and Fe3O4/Au NPs. *Journal of Electroanalytical Chemistry*, **2016**, 761, 112-117	4.1	52
124	Accurate in silico prediction of species-specific methylation sites based on information gain feature optimization. *Bioinformatics*, **2016**, 32, 3107-3115	7.2	51

123	Lanthanide Coordination Polymer Nanoparticles as an Excellent Artificial Peroxidase for Hydrogen Peroxide Detection. *Analytical Chemistry*, **2016**, 88, 6342-8	7.8	113
122	A dual-potential electrochemiluminescence ratiometric approach based on graphene quantum dots and luminol for highly sensitive detection of protein kinase activity. *Chemical Communications*, **2015**, 51, 12669-72	5.8	76
121	A norepinephrine coated magnetic molecularly imprinted polymer for simultaneous multiple chiral recognition. *Journal of Chromatography A*, **2015**, 1409, 268-76	4.5	48
120	Systematic Analysis of the Genetic Variability That Impacts SUMO Conjugation and Their Involvement in Human Diseases. *Scientific Reports*, **2015**, 5, 10900	4.9	10
119	Sensitive and homogeneous microRNA detection using branched cascade enzymatic amplification. *Chemical Communications*, **2015**, 51, 10543-6	5.8	11
118	Green synthesis of peptide-templated gold nanoclusters as novel fluorescence probes for detecting protein kinase activity. *Chemical Communications*, **2015**, 51, 10006-9	5.8	57
117	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. *Analytical Chemistry*, **2015**, 87, 10894-901	7.8	37
116	SuccFind: a novel succinylation sites online prediction tool via enhanced characteristic strategy. *Bioinformatics*, **2015**, 31, 3748-50	7.2	25
115	Preparation of novel fluorescent DNA bio-dots and their application for biothiols and glutathione reductase activity detection. *Biosensors and Bioelectronics*, **2015**, 74, 886-94	11.8	21
114	Cu nanoclusters-based ratiometric fluorescence probe for ratiometric and visualization detection of copper ions. *Analytica Chimica Acta*, **2015**, 895, 95-103	6.6	72
113	Target-triggering multiple-cycle amplification strategy for ultrasensitive detection of adenosine based on surface plasma resonance techniques. *Analytical Chemistry*, **2015**, 87, 929-36	7.8	63
112	PredHydroxy: computational prediction of protein hydroxylation site locations based on the primary structure. *Molecular BioSystems*, **2015**, 11, 819-25		18
111	Decoration of carbon nanotubes with highly dispersed platinum nanoparticles for electrocatalytic application. *Journal of Electroanalytical Chemistry*, **2015**, 738, 77-83	4.1	10
110	One-pot synthesis of GO/AgNPs/luminol composites with electrochemiluminescence activity for sensitive detection of DNA methyltransferase activity. *Biosensors and Bioelectronics*, **2015**, 63, 458-464	11.8	69
109	Proteomic analysis and prediction of human phosphorylation sites in subcellular level reveal subcellular specificity. *Bioinformatics*, **2015**, 31, 194-200	7.2	17
108	Label-free fluorescence assay for protein kinase based on peptide biomineralized gold nanoclusters as signal sensing probe. *Biosensors and Bioelectronics*, **2015**, 64, 234-40	11.8	58
107	Graphene Quantum Dots Assembled with Metalloporphyrins for "Turn on" Sensing of Hydrogen Peroxide and Glucose. *Chemistry - A European Journal*, **2015**, 21, 9343-8	4.8	45
106	Metal-Ion-Triggered Exonuclease III Activity for the Construction of DNA Colorimetric Logic Gates. *Chemistry - A European Journal*, **2015**, 21, 15272-9	4.8	19

105	Progress and challenges in predicting protein methylation sites. *Molecular BioSystems*, **2015**, 11, 2610-9		10
104	Using support vector machines to identify protein phosphorylation sites in viruses. *Journal of Molecular Graphics and Modelling*, **2015**, 56, 84-90	2.8	17
103	Label-free colorimetric detection of biothiols utilizing SAM and unmodified Au nanoparticles. *Biosensors and Bioelectronics*, **2015**, 68, 668-674	11.8	52
102	Enzyme-free surface plasmon resonance aptasensor for amplified detection of adenosine via target-triggering strand displacement cycle and Au nanoparticles. *Analytica Chimica Acta*, **2015**, 871, 28-34	6.6	25
101	One-step synthesis of mussel-inspired molecularly imprinted magnetic polymer as stationary phase for chip-based open tubular capillary electrochromatography enantioseparation. *Journal of Chromatography A*, **2014**, 1362, 301-8	4.5	48
100	Preparation of nitrogen-doped graphene supporting Pt nanoparticles as a catalyst for oxygen reduction and methanol oxidation. *Journal of Electroanalytical Chemistry*, **2014**, 728, 41-50	4.1	36
99	DNA Colorimetric Logic Gates Based on Triplex-Helix Molecular Switch. *Journal of Physical Chemistry C*, **2014**, 118, 14410-14417	3.8	27
98	Multiplexed electrochemical detection of trypsin and chymotrypsin based on distinguishable signal nanoprobes. *Analytical Chemistry*, **2014**, 86, 9256-63	7.8	49
97	Exonuclease III-assisted recycling amplification detection of hepatitis B virus DNA by DNA-scaffolded silver nanoclusters probe. *Sensors and Actuators B: Chemical*, **2014**, 205, 219-226	8.5	16
96	DNA-templated Ag nanoclusters as fluorescent probes for sensing and intracellular imaging of hydroxyl radicals. *Talanta*, **2014**, 118, 339-47	6.2	52
95	Boron-doped graphene quantum dots for selective glucose sensing based on the "abnormal" aggregation-induced photoluminescence enhancement. *Analytical Chemistry*, **2014**, 86, 4423-30	7.8	281
94	PSEA: Kinase-specific prediction and analysis of human phosphorylation substrates. *Scientific Reports*, **2014**, 4, 4524	4.9	22
93	Enantiomeric separation by microchip electrophoresis using bovine serum albumin conjugated magnetic core-shell Fe3 O4 @Au nanocomposites as stationary phase. *Electrophoresis*, **2014**, 35, 2824-32	3.6	20
92	Highly sensitive electrogenerated chemiluminescence biosensor in profiling protein kinase activity and inhibition using a multifunctional nanoprobe. *Analytica Chimica Acta*, **2014**, 812, 33-40	6.6	22
91	Facile preparation of protein stationary phase based on polydopamine/graphene oxide platform for chip-based open tubular capillary electrochromatography enantioseparation. *Journal of Chromatography A*, **2014**, 1323, 135-42	4.5	74
90	Enantiomeric separation by open-tubular capillary electrochromatography using bovine-serum-albumin-conjugated graphene oxide-magnetic nanocomposites as stationary phase. *Microfluidics and Nanofluidics*, **2014**, 16, 195-206	2.8	30
89	Graphene oxide and dextran capped gold nanoparticles based surface plasmon resonance sensor for sensitive detection of concanavalin A. *Biosensors and Bioelectronics*, **2013**, 50, 305-10	11.8	93
88	Label-free colorimetric detection of arsenite utilizing G-/T-rich oligonucleotides and unmodified Au nanoparticles. *Chemistry - A European Journal*, **2013**, 19, 5029-33	4.8	33

87	Simultaneous determination of concanavalin A and peanut agglutinin by dual-color quantum dots. *Analytical Chemistry*, **2013**, 85, 10969-76	7.8	36
86	Surface plasmon resonance sensor based on magnetic molecularly imprinted polymers amplification for pesticide recognition. *Analytical Chemistry*, **2013**, 85, 11944-51	7.8	146
85	Incorporating key position and amino acid residue features to identify general and species-specific Ubiquitin conjugation sites. *Bioinformatics*, **2013**, 29, 1614-22	7.2	80
84	DNA electronic logic gates based on metal-ion-dependent induction of oligonucleotide structural motifs. *Chemistry - A European Journal*, **2013**, 19, 6961-5	4.8	26
83	Using graphene quantum dots as photoluminescent probes for protein kinase sensing. *Analytical Chemistry*, **2013**, 85, 9148-55	7.8	148
82	Construction of graphene oxide magnetic nanocomposites-based on-chip enzymatic microreactor for ultrasensitive pesticide detection. *Journal of Chromatography A*, **2013**, 1315, 28-35	4.5	29
81	Environment-friendly facile synthesis of Pt nanoparticles supported on polydopamine modified carbon materials. *Journal of Materials Chemistry A*, **2013**, 1, 3945	13	76
80	Label-free colorimetric assay for DNA methylation based on unmodified Au nanorods as a signal sensing probe coupled with enzyme-linkage reactions. *Chemical Communications*, **2013**, 49, 3546-8	5.8	30
79	Facile preparation of novel core-shell enzyme-Au-polydopamine-Fe□□magnetic bionanoparticles for glucosesensor. *Biosensors and Bioelectronics*, **2013**, 42, 293-9	11.8	85
78	Construction of Biomimetic Interface by Layer-by-Layer Self-Assembly Technique for Electrochemical Amperometric Immunosensing Applications. *Chinese Journal of Analytical Chemistry*, **2013**, 41, 1795-1800	1.6	2
77	Preparation of polynorepinephrine adhesive coating via one-step self-polymerization for enantioselective capillary electrochromatography coupled with electrogenerated chemiluminesense detection. *Journal of Chromatography A*, **2013**, 1284, 194-201	4.5	13
76	The prediction of palmitoylation site locations using a multiple feature extraction method. *Journal of Molecular Graphics and Modelling*, **2013**, 40, 125-30	2.8	28
75	Graphene quantum dots combined with europium ions as photoluminescent probes for phosphate sensing. *Chemistry - A European Journal*, **2013**, 19, 3822-6	4.8	144
74	A versatile polydopamine platform for facile preparation of protein stationary phase for chip-based open tubular capillary electrochromatography enantioseparation. *Journal of Chromatography A*, **2013**, 1294, 145-51	4.5	46
73	Colorimetric Logic Gates Based on Ion-Dependent DNAzymes. *Journal of Physical Chemistry C*, **2013**, 117, 12352-12357	3.8	27
72	Easy design of colorimetric logic gates based on nonnatural base pairing and controlled assembly of gold nanoparticles. *Langmuir*, **2013**, 29, 8929-35	4	32
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