

# Jian-Ding Qiu

## List of Publications by Citations

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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	High-performance artificial nitrogen fixation at ambient conditions using a metal-free electrocatalyst. <i>Nature Communications</i> , <b>2018</b> , 9, 3485	17.4	469
229	Controllable Deposition of Platinum Nanoparticles on Graphene As an Electrocatalyst for Direct Methanol Fuel Cells. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 15639-15645	3.8	360
228	Boron-doped graphene quantum dots for selective glucose sensing based on the "abnormal" aggregation-induced photoluminescence enhancement. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 4423-30	7.8	281
227	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> , <b>2007</b> , 23, 2133-7	4	195
226	The Synergistic Effect of Prussian-Blue-Grafted Carbon Nanotube/Poly(4-vinylpyridine) Composites for Amperometric Sensing. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 1574-1580	15.6	182
225	Regenerable and stable sp carbon-conjugated covalent organic frameworks for selective detection and extraction of uranium. <i>Nature Communications</i> , <b>2020</b> , 11, 436	17.4	166
224	Amperometric sensor based on ferrocene-modified multiwalled carbon nanotube nanocomposites as electron mediator for the determination of glucose. <i>Analytical Biochemistry</i> , <b>2009</b> , 385, 264-9	3.1	155
223	Using graphene quantum dots as photoluminescent probes for protein kinase sensing. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 9148-55	7.8	148
222	Surface plasmon resonance sensor based on magnetic molecularly imprinted polymers amplification for pesticide recognition. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11944-51	7.8	146
221	Graphene quantum dots combined with europium ions as photoluminescent probes for phosphate sensing. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3822-6	4.8	144
220	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> , <b>2009</b> , 390, 68-73 <sup>1</sup>	3.1	135
219	A label-free amperometric immunosensor based on biocompatible conductive redox chitosan-ferrocene/gold nanoparticles matrix. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 25, 852-7	11.8	113
218	Lanthanide Coordination Polymer Nanoparticles as an Excellent Artificial Peroxidase for Hydrogen Peroxide Detection. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 6342-8	7.8	113
217	Nanocomposite film based on graphene oxide for high performance flexible glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 160, 287-294	8.5	110
216	Magnetic Fe <sub>3</sub> O <sub>4</sub> @Au composite-enhanced surface plasmon resonance for ultrasensitive detection of magnetic nanoparticle-enriched H <sub>2</sub> etoprotein. <i>Analytica Chimica Acta</i> , <b>2012</b> , 737, 22-8	6.6	108
215	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> , <b>2010</b> , 17, 715-22	1.9	108
214	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> , <b>2012</b> , 18, 7950-9	4.8	106

213	Fluorescent graphene quantum dots with a boronic acid appended bipyridinium salt to sense monosaccharides in aqueous solution. <i>Chemical Communications</i> , <b>2013</b> , 49, 5180-2	5.8	97
212	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> , <b>2009</b> , 24, 2649-53	11.8	97
211	A novel open-tubular capillary electrochromatography using Cyclodextrin functionalized graphene oxide-magnetic nanocomposites as tunable stationary phase. <i>Journal of Chromatography A</i> , <b>2012</b> , 1266, 95-102	4.5	94
210	Graphene oxide and dextran capped gold nanoparticles based surface plasmon resonance sensor for sensitive detection of concanavalin A. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 50, 305-10	11.8	93
209	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> , <b>2010</b> , 25, 1447-53	11.8	93
208	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> , <b>2007</b> , 9, 2734-2738	5.1	92
207	Facile preparation of novel core-shell enzyme-Au-polydopamine-Fe <sub>3</sub> O <sub>4</sub> magnetic bionanoparticles for glucosesensor. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 293-9	11.8	85
206	Regenerable Covalent Organic Frameworks for Photo-enhanced Uranium Adsorption from Seawater. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17684-17690	16.4	83
205	Biocomposites of covalently linked glucose oxidase on carbon nanotubes for glucose biosensor. <i>Analytical and Bioanalytical Chemistry</i> , <b>2005</b> , 383, 918-22	4.4	83
204	Incorporating key position and amino acid residue features to identify general and species-specific Ubiquitin conjugation sites. <i>Bioinformatics</i> , <b>2013</b> , 29, 1614-22	7.2	80
203	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> , <b>2011</b> , 26, 3005-11	11.8	79
202	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> , <b>2015</b> , 51, 12669-72	5.8	76
201	Environment-friendly facile synthesis of Pt nanoparticles supported on polydopamine modified carbon materials. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 3945	13	76
200	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> , <b>2014</b> , 1323, 135-42	4.5	74
199	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> , <b>2012</b> , 8, 3178-84		73
198	Controllable deposition of platinum nanoparticles on polyaniline-functionalized carbon nanotubes. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17196		73
197	Cu nanoclusters-based ratiometric fluorescence probe for ratiometric and visualization detection of copper ions. <i>Analytica Chimica Acta</i> , <b>2015</b> , 895, 95-103	6.6	72
196	Electrochemically deposited nanocomposite film of CS-Fc/Au NPs/GOx for glucose biosensor application. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 2920-5	11.8	72

195	One-pot synthesis of GO/AgNPs/luminol composites with electrochemiluminescence activity for sensitive detection of DNA methyltransferase activity. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 63, 458-464	11.8	69
194	A novel amperometric immunosensor based on three-dimensional sol-gel network and nanoparticle self-assemble technique. <i>Analytica Chimica Acta</i> , <b>2005</b> , 534, 223-229	6.6	68
193	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> , <b>2016</b> , 230, 314-319	8.5	65
192	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> , <b>2019</b> , 91, 6487-6497	7.8	64
191	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> , <b>2018</b> , 10, 7315-7323	9.5	64
190	Target-triggering multiple-cycle amplification strategy for ultrasensitive detection of adenosine based on surface plasma resonance techniques. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 929-36	7.8	63
189	Stable sp carbon-conjugated covalent organic framework for detection and efficient adsorption of uranium from radioactive wastewater. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 392, 122333	12.8	63
188	Graphene-based optical nanosensors for detection of heavy metal ions. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 102, 280-289	14.6	63
187	PLMLA: prediction of lysine methylation and lysine acetylation by combining multiple features. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 1520-7		62
186	Simultaneously electrochemical detection of microRNAs based on multifunctional magnetic nanoparticles probe coupling with hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 97, 325-331	11.8	61
185	Label-free fluorescence assay for protein kinase based on peptide biomineralized gold nanoclusters as signal sensing probe. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 234-40	11.8	58
184	Fabrication of Z-scheme magnetic MoS/CoFeO nanocomposites with highly efficient photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 514, 664-674	9.3	58
183	Position-specific analysis and prediction for protein lysine acetylation based on multiple features. <i>PLoS ONE</i> , <b>2012</b> , 7, e49108	3.7	58
182	Covalent Organic Framework Nanosheet-Based Ultrasensitive and Selective Colorimetric Sensor for Trace Hg <sup>2+</sup> Detection. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 9408-9415	8.3	57
181	Green synthesis of peptide-templated gold nanoclusters as novel fluorescence probes for detecting protein kinase activity. <i>Chemical Communications</i> , <b>2015</b> , 51, 10006-9	5.8	57
180	Regenerable Carbohydrazide-Linked Fluorescent Covalent Organic Frameworks for Ultrasensitive Detection and Removal of Mercury. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 445-451	8.3	56
179	PMES: prediction of methylation sites based on enhanced feature encoding scheme. <i>PLoS ONE</i> , <b>2012</b> , 7, e38772	3.7	55
178	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> , <b>2012</b> , 166-167, 569-575	8.5	53

177	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> , <b>2016</b> , 761, 112-117	4.1	52
176	DNA-templated Ag nanoclusters as fluorescent probes for sensing and intracellular imaging of hydroxyl radicals. <i>Talanta</i> , <b>2014</b> , 118, 339-47	6.2	52
175	Label-free colorimetric detection of biothiols utilizing SAM and unmodified Au nanoparticles. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 668-674	11.8	52
174	PDMS microchip coated with polydopamine/gold nanoparticles hybrid for efficient electrophoresis separation of amino acids. <i>Electrophoresis</i> , <b>2011</b> , 32, 3331-40	3.6	51
173	Accurate in silico prediction of species-specific methylation sites based on information gain feature optimization. <i>Bioinformatics</i> , <b>2016</b> , 32, 3107-3115	7.2	51
172	Multiplexed electrochemical detection of trypsin and chymotrypsin based on distinguishable signal nanopores. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 9256-63	7.8	49
171	A norepinephrine coated magnetic molecularly imprinted polymer for simultaneous multiple chiral recognition. <i>Journal of Chromatography A</i> , <b>2015</b> , 1409, 268-76	4.5	48
170	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> , <b>2014</b> , 1362, 301-8	4.5	48
169	Aggregation-induced emission of luminol: a novel strategy for fluorescence ratiometric detection of ALP and As(v) with high sensitivity and selectivity. <i>Chemical Communications</i> , <b>2018</b> , 54, 7487-7490	5.8	47
168	Efficient DNA-Catalyzed Porphyrin Metalation for Fluorescent Ratiometric Pb Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11403-11408	7.8	46
167	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> , <b>2013</b> , 1294, 145-51	4.5	46
166	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> , <b>2011</b> , 30, 129-34	2.8	46
165	Covalent Organic Framework Nanosheets for Fluorescence Sensing via Metal Coordination. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 5342-5349	5.6	45
164	Graphene Quantum Dots Assembled with Metalloporphyrins for "Turn on" Sensing of Hydrogen Peroxide and Glucose. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9343-8	4.8	45
163	Ferrocene-modified multiwalled carbon nanotubes as building block for construction of reagentless enzyme-based biosensors. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 135, 181-187	8.5	45
162	One-Pot Synthesis of Boron Carbon Nitride Nanosheets for Facile and Efficient Heavy Metal Ions Removal. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 11685-11694	8.3	44
161	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> , <b>2011</b> , 56, 4231-4236	6.7	44
160	"On-off" switchable electrochemical affinity nanobiosensor based on graphene oxide for ultrasensitive glucose sensing. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 430-5	11.8	43

159	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> , <b>2018</b> , 102, 211-216	11.8	43
158	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> , <b>2017</b> , 87, 216-221	11.8	42
157	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> , <b>2008</b> , 320, 125-31	9.3	42
156	Electrochemical sensor for arsenite detection using graphene oxide assisted generation of prussian blue nanoparticles as enhanced signal label. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1002, 82-89	6.6	42
155	Rapid Detection of Mercury Ions Based on Nitrogen-Doped Graphene Quantum Dots Accelerating Formation of Manganese Porphyrin. <i>ACS Sensors</i> , <b>2018</b> , 3, 1040-1047	9.2	40
154	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> , <b>2015</b> , 87, 10894-901	7.8	37
153	A luminescent lanthanide coordination polymer based on energy transfer from metal to metal for hydrogen peroxide detection. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 721-727	11.8	37
152	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> , <b>2010</b> , 171, 333-339	5.8	37
151	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> , <b>2018</b> , 6, 9333-9341	8.3	37
150	Preparation of nitrogen-doped graphene supporting Pt nanoparticles as a catalyst for oxygen reduction and methanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 728, 41-50	4.1	36
149	Simultaneous determination of concanavalin A and peanut agglutinin by dual-color quantum dots. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 10969-76	7.8	36
148	BC nanosheets decorated with in situ-derived boron-doped graphene quantum dots for high-efficiency ambient N fixation. <i>Chemical Communications</i> , <b>2019</b> , 55, 7406-7409	5.8	34
147	A novel nanosensor composed of aptamer bio-dots and gold nanoparticles for determination of thrombin with multiple signals. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 798-806	11.8	34
146	Electrochemiluminescence resonance energy transfer between graphene quantum dots and graphene oxide for sensitive protein kinase activity and inhibitor sensing. <i>Analytica Chimica Acta</i> , <b>2016</b> , 904, 58-64	6.6	34
145	An ultratrace assay of arsenite based on the synergistic quenching effect of Ru(bpy) and arsenite on the electrochemiluminescence of Au-g-CN nanosheets. <i>Chemical Communications</i> , <b>2018</b> , 54, 14001-14004	5.8	34
144	Label-free colorimetric detection of arsenite utilizing G/T-rich oligonucleotides and unmodified Au nanoparticles. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5029-33	4.8	33
143	Microchip CE analysis of amino acids on a titanium dioxide nanoparticles-coated PDMS microfluidic device with in-channel indirect amperometric detection. <i>Electrophoresis</i> , <b>2009</b> , 30, 3472-9	3.6	33
142	PredSulSite: prediction of protein tyrosine sulfation sites with multiple features and analysis. <i>Analytical Biochemistry</i> , <b>2012</b> , 428, 16-23	3.1	32

141	Easy design of colorimetric logic gates based on nonnatural base pairing and controlled assembly of gold nanoparticles. <i>Langmuir</i> , <b>2013</b> , 29, 8929-35	4	32
140	Using support vector machines for prediction of protein structural classes based on discrete wavelet transform. <i>Journal of Computational Chemistry</i> , <b>2009</b> , 30, 1344-50	3.5	32
139	Separation and simultaneous determination of uric acid and ascorbic acid on a dynamically modified poly(dimethylsiloxane) microchip. <i>Analytical Sciences</i> , <b>2007</b> , 23, 1409-14	1.7	32
138	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> , <b>2011</b> , 1813, 424-30	4.9	31
137	A Nanocomposite Chitosan Based on Ferrocene-Modified Silica Nanoparticles and Carbon Nanotubes for Biosensor Application. <i>Electroanalysis</i> , <b>2007</b> , 19, 2335-2341	3	31
136	Simultaneous Determination of Protein Kinase A and Casein Kinase II by Dual-Color Peptide Biomineralized Metal Nanoclusters. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 11460-11467	7.8	30
135	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> , <b>2013</b> , 49, 3546-8	5.8	30
134	Enantiomeric separation by open-tubular capillary electrochromatography using bovine-serum-albumin-conjugated graphene oxide/magnetic nanocomposites as stationary phase. <i>Microfluidics and Nanofluidics</i> , <b>2014</b> , 16, 195-206	2.8	30
133	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> , <b>2011</b> , 174, 97-105	5.8	30
132	Predicting subcellular location of apoptosis proteins based on wavelet transform and support vector machine. <i>Amino Acids</i> , <b>2010</b> , 38, 1201-8	3.5	30
131	Construction of graphene oxide magnetic nanocomposites-based on-chip enzymatic microreactor for ultrasensitive pesticide detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1315, 28-35	4.5	29
130	Colorimetric detection of methyltransferase activity based on the enhancement of CoOOH nanozyme activity by ssDNA. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 281, 1073-1079	8.5	29
129	Separation of chiral compounds using magnetic molecularly imprinted polymer nanoparticles as stationary phase by microchip capillary electrochromatography. <i>Electrophoresis</i> , <b>2018</b> , 39, 356-362	3.6	28
128	The prediction of palmitoylation site locations using a multiple feature extraction method. <i>Journal of Molecular Graphics and Modelling</i> , <b>2013</b> , 40, 125-30	2.8	28
127	Nanoceria-Templated Metal Organic Frameworks with Oxidase-Mimicking Activity Boosted by Hexavalent Chromium. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2339-2346	7.8	28
126	Low Band Gap Benzoxazole-Linked Covalent Organic Frameworks for Photo-Enhanced Targeted Uranium Recovery. <i>Small</i> , <b>2021</b> , 17, e2006882	11	28
125	Simple and highly selective detection of arsenite based on the assembly-induced fluorescence enhancement of DNA quantum dots. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 94, 701-706	11.8	27
124	DNA Colorimetric Logic Gates Based on TriplexHelix Molecular Switch. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 14410-14417	3.8	27

123	Colorimetric Logic Gates Based on Ion-Dependent DNAzymes. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 12352-12357	3.8	27
122	Preparation of porous chitosan/carbon nanotubes film modified electrode for biosensor application. <i>Mikrochimica Acta</i> , <b>2008</b> , 162, 57-64	5.8	27
121	Surface modification of poly(dimethylsiloxane) microfluidic devices and its application in simultaneous analysis of uric acid and ascorbic acid in human urine. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 2860-7	3.4	27
120	Preparation of GOD/Sol-Gel Silica Film on Prussian Blue Modified Electrode for Glucose Biosensor Application. <i>Electroanalysis</i> , <b>2008</b> , 20, 2642-2648	3	27
119	High-Efficiency Photoenhanced Extraction of Uranium from Natural Seawater by Olefin-Linked Covalent Organic Frameworks. <i>ACS ES&amp;T Water</i> , <b>2021</b> , 1, 440-448		27
118	DNA electronic logic gates based on metal-ion-dependent induction of oligonucleotide structural motifs. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6961-5	4.8	26
117	SuccFind: a novel succinylation sites online prediction tool via enhanced characteristic strategy. <i>Bioinformatics</i> , <b>2015</b> , 31, 3748-50	7.2	25
116	Fluorometric determination of the activity of alkaline phosphatase based on the competitive binding of gold nanoparticles and pyrophosphate to CePO:Tb nanorods. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 288	5.8	25
115	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> , <b>2015</b> , 871, 28-34	6.6	25
114	One-Step Electrochemically Deposited Nanocomposite Film of CS-Fc/MWNTs/GOD for Glucose Biosensor Application. <i>Electroanalysis</i> , <b>2009</b> , 21, 1685-1691	3	25
113	Direct electrochemistry and electrocatalysis of myoglobin immobilized on zirconia/multi-walled carbon nanotube nanocomposite. <i>Materials Research Bulletin</i> , <b>2010</b> , 45, 1855-1860	5.1	25
112	Preparation of Three-Dimensional Ordered Macroporous Prussian Blue Film Electrode for Glucose Biosensor Application. <i>Electroanalysis</i> , <b>2007</b> , 19, 1201-1206	3	24
111	Rational design of covalent organic frameworks as a groundbreaking uranium capture platform through three synergistic mechanisms. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 294, 120250	21.8	24
110	The colorimetric assay of DNA methyltransferase activity based on strand displacement amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 626-632	8.5	23
109	Systematic analysis and prediction of pupylation sites in prokaryotic proteins. <i>PLoS ONE</i> , <b>2013</b> , 8, e74002	3.7	23
108	Computational prediction of species-specific malonylation sites via enhanced characteristic strategy. <i>Bioinformatics</i> , <b>2017</b> , 33, 1457-1463	7.2	23
107	PSEA: Kinase-specific prediction and analysis of human phosphorylation substrates. <i>Scientific Reports</i> , <b>2014</b> , 4, 4524	4.9	22
106	Highly sensitive electrogenerated chemiluminescence biosensor in profiling protein kinase activity and inhibition using a multifunctional nanoprobe. <i>Analytica Chimica Acta</i> , <b>2014</b> , 812, 33-40	6.6	22



105	Vinylene-linked covalent organic frameworks with enhanced uranium adsorption through three synergistic mechanisms. <i>Chemical Engineering Journal</i> , <b>2021</b> , 419, 129550	14.7	22
104	Preparation of novel fluorescent DNA bio-dots and their application for biothiols and glutathione reductase activity detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 886-94	11.8	21
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