

# Zhen-Yu Lin

## List of Publications by Year in Descending Order

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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.

335  
papers

9,121  
citations

53  
h-index

73  
g-index

354  
ext. papers

10,788  
ext. citations

6.5  
avg, IF

6.46  
L-index

#	Paper	IF	Citations
335	Multicolor hydrogen sulfide sensor for meat freshness assessment based on Cu-modified boron nitride nanosheets-supported subnanometer gold nanoparticles.. <i>Food Chemistry</i> , <b>2022</b> , 381, 132278	8.5	0
334	Quick preparation of water-soluble perovskite nanocomposite via cetyltrimethylammonium bromide and its application.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 68	5.8	0
333	Highly reproducible and sensitive electrochemical biosensor for Chlamydia trachomatis detection based on duplex-specific nuclease-assisted target-responsive DNA hydrogels and bovine serum albumin carrier platform.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1197, 339496	6.6	2
332	Detection of hydroxypolychlorinated biphenyls using molecularly imprinted polymers as recognition unit and timer as readout. <i>Microchemical Journal</i> , <b>2022</b> , 174, 107094	4.8	
331	Photothermal sensor based on water-soluble CsPbBr <sub>3</sub> @sulfobutylether- $\beta$ -cyclodextrins nanocomposite using a thermometer as readout. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 355, 131301	8.5	2
330	Controllable release ratiometric fluorescent sensor for hyaluronidase via the combination of Cu-Fe-N-C nanozymes and degradable intelligent hydrogel. <i>Talanta</i> , <b>2022</b> , 237, 122961	6.2	0
329	Sensitive Electrochemiluminescence Biosensor Based on the Target Trigger Difference of the Electrostatic Interaction between an ECL Reporter and the Electrode Surface.. <i>Analytical Chemistry</i> , <b>2022</b> ,	7.8	1
328	A photoelectrochemical sensor for highly sensitive detection of H <sub>2</sub> O <sub>2</sub> based on [Fcmim][N(CN) <sub>2</sub> ]@Nafion <sup>®</sup> film modified GaN through a parallel catalysis strategy. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 131914	8.5	0
327	Seasonal Distribution of Atmospheric Coarse and Fine Particulate Matter in a Medium-Sized City of Northern China. <i>Toxics</i> , <b>2022</b> , 10, 216	4.7	0
326	A Ratiometric Fluorescence Probe for Selective Detection of ex vivo Methylglyoxal in Diabetic Mice.. <i>ChemistryOpen</i> , <b>2022</b> , 11, e202200055	2.3	
325	Electrochemiluminescence aptasensor for vascular endothelial growth factor 165 detection based on Ru(bpy) <sub>3</sub> <sup>2+</sup> /Au nanoparticles film modified electrode and double signal amplification. <i>Bioelectrochemistry</i> , <b>2022</b> , 108151	5.6	0
324	Electrochemiluminescence biosensor for HPV16 detection based on the adjusting of steric hindrance effect coupled with Exonuclease III amplification strategy.. <i>Bioelectrochemistry</i> , <b>2022</b> , 146, 108149	5.6	
323	Equipment-free, gold nanoparticle based semiquantitative assay of SARS-CoV-2-S1RBD IgG from fingertip blood: A practical strategy for on-site measurement of COVID-19 antibodies.. <i>Talanta</i> , <b>2022</b> , 246, 123498	6.2	0
322	A label-free thrombin photoelectrochemical aptasensor based on structure-switching in G-quadruplexes. <i>Biosensors and Bioelectronics: X</i> , <b>2022</b> , 11, 100159	2.9	
321	Homogeneous electrochemical biosensor for microRNA based on enzyme-driven cascaded signal amplification strategy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 4681-4688	4.4	2
320	Simple and sensitive lead ion detection based on difference of gold monomer ratio using dark field microscope as readout system. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 353, 131163	8.5	0
319	Rapid visual genotyping method for germline mutants with small genomic fragment deletion by allele-specific PCR and lateral flow nucleic acid biosensor. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 7325-7332	2.8	0

318	Single nanoparticle identification coupled with auto-identify algorithm for rapid and accurate detection of L-histidine. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1187, 339162	6.6	1
317	Highly Reproducible and Sensitive Electrochemiluminescence Biosensors for HPV Detection Based on Bovine Serum Albumin Carrier Platforms and Hyperbranched Rolling Circle Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 298-305	9.5	8
316	Convenient detection of HS based on the photothermal effect of Au@Ag nanocubes using a handheld thermometer as readout. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1149, 338211	6.6	8
315	A Novel Enzyme-Responded Controlled Release Electrochemical Biosensor for Hyaluronidase Activity Detection. <i>Journal of Analysis and Testing</i> , <b>2021</b> , 5, 69-75	3.2	3
314	Identification, Quantification, and Imaging of the Biodistribution of Soot Particles by Mass Spectral Fingerprinting. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6665-6672	7.8	1
313	Metallic Nanomaterials with Mimic Oxidoreductase Enzyme Activity: New Insight for Sensing and Biosensing. <i>Mini-Reviews in Organic Chemistry</i> , <b>2021</b> , 18,	1.7	1
312	Highly Sensitive and Selective Photoelectrochemical Aptasensors for Cancer Biomarkers Based on MoS <sub>2</sub> /Au/GaN Photoelectrodes. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 7341-7347	7.8	16
311	Metabolomic analysis of antimicrobial mechanism of polysaccharides from <i>Sparassis crispa</i> based on HPLC-Q-TOF/MS. <i>Carbohydrate Research</i> , <b>2021</b> , 503, 108299	2.9	2
310	Tune the Fluorescence and Electrochemiluminescence of Graphitic Carbon Nitride Nanosheets by Controlling the Defect States. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10925-10931	4.8	5
309	Hybridizing Carbon-Based Dot-Capped Manganese Dioxide Nanosheets and Gold Nanoparticles as a Highly Sensitive Surface-Enhanced Raman Scattering Substrate. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9744-9751	7.8	3
308	1,2,4-Triaminobenzene as a Fluorescent Probe for Intracellular pH Imaging and Point-of-Care Ammonia Sensing. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 6065-6072	4.1	1
307	From signal amplification to restrained background: Magnetic graphene oxide assisted homogeneous electrochemiluminescence aptasensor for highly sensitive detection of okadaic acid. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 327, 128872	8.5	16
306	Superior antibacterial activity of sulfur-doped g-CN nanosheets dispersed by Tetrastigma hemsleyanum Diels & Gilg's polysaccharides-3 solution. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 168, 453-463	7.9	2
305	A dual-mode strategy for sensing and bio-imaging of endogenous alkaline phosphatase based on the combination of photoinduced electron transfer and hyperchromic effect. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1142, 65-72	6.6	2
304	Efficacy and Safety of a Novel Helical Self-Expanding Nitinol Stent for Femoropopliteal Artery Obliterans Disease. <i>Annals of Vascular Surgery</i> , <b>2021</b> , 72, 237-243	1.7	
303	Mass spectrometry for multi-dimensional characterization of natural and synthetic materials at the nanoscale. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 5243-5280	58.5	7
302	Convenient hyaluronidase biosensors based on the target-trigger enhancing of the permeability of a membrane using an electronic balance as a readout. <i>Analyst, The</i> , <b>2021</b> , 146, 3299-3304	5	0
301	Biocompatible perovskite quantum dots with superior water resistance enable long-term monitoring of the HS level. <i>Nanoscale</i> , <b>2021</b> , 13, 14297-14303	7.7	5

300	Design of an electrochemiluminescence detection system through the regulation of charge density in a microchannel. <i>Chemical Science</i> , <b>2021</b> , 12, 13151-13157	9.4	2
299	A Bright Nitrogen-doped-Carbon-Dots based Fluorescent Biosensor for Selective Detection of Copper Ions. <i>Journal of Analysis and Testing</i> , <b>2021</b> , 5, 84-92	3.2	4
298	Photoelectrochemical Biosensor for MicroRNA-21 Based on High Photocurrent of TiO <sub>2</sub> /Two-Dimensional Coordination Polymer CuCl(MBA) Photoelectrode. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11010-11018	7.8	6
297	Highly Sensitive Homogeneous Electrochemiluminescence Biosensor for Alkaline Phosphatase Detection Based on Click Chemistry-Triggered Branched Hybridization Chain Reaction. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 10351-10357	7.8	1
296	Homogeneous photoelectrochemical biosensor for microRNA based on target-responsive hydrogel coupled with exonuclease III and nicking endonuclease Nb.BbvCI assistant cascaded amplification strategy. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 267	5.8	2
295	Quantitative gold nanorods based photothermal biosensor for glucose using a thermometer as readout. <i>Talanta</i> , <b>2021</b> , 230, 122364	6.2	7
294	Ultrahigh Efficient FRET Ratiometric Fluorescence Biosensor for Visual Detection of Alkaline Phosphatase Activity and Its Inhibitor. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 12922-12929	8.3	6
293	Highly sensitive homogeneous electrochemiluminescence biosensor for microRNA-21 based on cascaded signal amplification of target-induced hybridization chain reaction and magnetic assisted enrichment. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 344, 130226	8.5	4
292	Highly sensitive electrochemiluminescence biosensor for Dam methyltransferase based on target-response DNA hydrogel. <i>Journal of Luminescence</i> , <b>2021</b> , 238, 118250	3.8	0
291	Agarose hydrogel doped with gold nanobipyramids(AuNBPs@AG)as colorful height readout device for sensing hydrogen peroxide in complex sample matrix. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 344, 130059	8.5	1
290	Photothermal immunoassay for carcinoembryonic antigen based on the inhibition of cysteine-induced aggregation of gold nanoparticles by copper ion using a common thermometer as readout. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1181, 338929	6.6	0
289	Electrochemiluminescence biosensor for thrombin detection based on metal organic framework with electrochemiluminescence indicator embedded in the framework. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 189, 113374	11.8	10
288	Ultrasensitive Photoelectrochemical Biosensor for microRNA-155 Based on Energy Transfer between Au Nanocages and Red Emission Carbon Dot-Assembled Nanosheets Coupled with the Duplex-Specific Nuclease Enzyme-Assisted Target Recycling Strategy.. <i>Analytical Chemistry</i> , <b>2021</b> ,	7.8	4
287	Electrochemiluminescence Aptasensor for Charged Targets through the Direct Regulation of Charge Density in Microchannels.. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 17127-17133	7.8	0
286	Electrochemiluminescence Sensor for Cancer Cell Detection Based on H <sub>2</sub> O <sub>2</sub> -Triggered Stimulus Response System. <i>Journal of Analysis and Testing</i> , <b>2020</b> , 4, 128-135	3.2	4
285	Emission Wavelength Switchable Carbon Dots Combined with Biomimetic Inorganic Nanozymes for a Two-Photon Fluorescence Immunoassay. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 30085-30094	9.5	18
284	Rapid authentication of <i>Pseudostellaria heterophylla</i> (Taizishen) from different regions by near-infrared spectroscopy combined with chemometric methods. <i>Journal of Food Science</i> , <b>2020</b> , 85, 2004-2009	3.4	4
283	Real-Time Visualization of the Single-Nanoparticle Electrocatalytic Hydrogen Generation Process and Activity under Dark Field Microscopy. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 9016-9023	7.8	15

282	Label-free homogeneous electrochemical biosensor for HPV DNA based on entropy-driven target recycling and hyperbranched rolling circle amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 320, 128407	8.5	19
281	Highly Sensitive and Selective Photoelectrochemical Aptasensor for Cancer Biomarker CA125 Based on AuNPs/GaN Schottky Junction. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 10114-10120	7.8	38
280	A Highly Sensitive Electrochemiluminescence Biosensor for Pyrophosphatase Detection Based on Click Chemistry-Triggered Hybridization Chain Reaction in Homogeneous Solution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34716-34722	9.5	16
279	Dark field microscope-based single nanoparticle identification coupled with statistical analysis for ultrasensitive biotoxin detection in complex sample matrix. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 413	5.8	3
278	Highly sensitive and selective aflatoxin B biosensor based on Exonuclease I-catalyzed target recycling amplification and targeted response aptamer-crosslinked hydrogel using electronic balances as a readout. <i>Talanta</i> , <b>2020</b> , 214, 120862	6.2	14
277	Core-satellite assemblies and exonuclease assisted double amplification strategy for ultrasensitive SERS detection of biotoxin. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1110, 56-63	6.6	10
276	Triazole-stabilized fluorescence sensor for highly selective detection of copper in tea and animal feed. <i>Food Chemistry</i> , <b>2020</b> , 317, 126434	8.5	7
275	A Metal-Organic Framework Nanosheet-Assembled Frame Film with High Permeability and Stability. <i>Advanced Science</i> , <b>2020</b> , 7, 1903180	13.6	10
274	Metal-enhanced fluorometric formaldehyde assay based on the use of in-situ grown silver nanoparticles on silica-encapsulated carbon dots. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 137	5.8	9
273	A highly sensitive signal-on biosensor for microRNA 142-3p based on the quenching of Ru(bpy)-TPA electrochemiluminescence by carbon dots and duplex specific nuclease-assisted target recycling amplification. <i>Chemical Communications</i> , <b>2020</b> , 56, 6692-6695	5.8	11
272	Dual-output toehold-mediated strand displacement amplification for sensitive homogeneous electrochemical detection of specie-specific DNA sequences for species identification. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 161, 112256	11.8	14
271	A fluorescence signal amplification strategy for modification-free ratiometric determination of tyrosinase in situ based on the use of dual-templated copper nanoclusters. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 240	5.8	6
270	Target-triggered aggregation of gold nanoparticles for photothermal quantitative detection of adenosine using a thermometer as readout. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1110, 151-157	6.6	14
269	A homogeneous photoelectrochemical hydrogen sulfide sensor based on the electronic transfer mediated by tetrasulfophthalocyanine. <i>Analyst, The</i> , <b>2020</b> , 145, 3543-3548	5	4
268	Fluorescence biosensor for DNA methyltransferase activity and related inhibitor detection based on methylation-sensitive cleavage primer triggered hyperbranched rolling circle amplification. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1122, 1-8	6.6	6
267	Electrochemiluminescence biosensor for miRNA-21 based on toehold-mediated strand displacement amplification with Ru(phen) loaded DNA nanoclews as signal tags. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 147, 111789	11.8	38
266	Determination of soluble CD44 in serum by using a label-free aptamer based electrochemical impedance biosensor. <i>Analyst, The</i> , <b>2020</b> , 145, 460-465	5	16
265	Electrochemiluminescence Biosensor for Hyaluronidase Based on the Ru(bpy) Doped SiO Nanoparticles Embedded in the Hydrogel Fabricated by Hyaluronic Acid and Polyethylenimine.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 1158-1164	4.1	4

264	A signal-on fluorescence sensor for hydrogen sulphide detection in environmental samples based on silver-mediated base pairs. <i>Analytical Methods</i> , <b>2020</b> , 12, 188-192	3.2	3
263	Cu-Modified Boron Nitride Nanosheets-Supported Subnanometer Gold Nanoparticles: An Oxidase-Mimicking Nanoenzyme with Unexpected Oxidation Properties. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1236-1244	7.8	30
262	A fluorescence signal amplification and specific energy transfer strategy for sensitive detection of $\beta$ -galactosidase based on the effects of AIE and host-guest recognition. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 169, 112655	11.8	11
261	Zr-Labeled Multifunctional Liposomes Conjugate Chitosan for PET-Trackable Triple-Negative Breast Cancer Stem Cell Targeted Therapy. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 9061-9074	7.3	6
260	Sensing of Hydrogen Sulfide Gas in the Raman-Silent Region Based on Gold Nano-Bipyramids (Au NBPs) Encapsulated by Zeolitic Imidazolate Framework-8. <i>ACS Sensors</i> , <b>2020</b> , 5, 3964-3970	9.2	8
259	Ultrasensitive Homogeneous Electrochemiluminescence Biosensor for a Transcription Factor Based on Target-Modulated Proximity Hybridization and Exonuclease III-Powered Recycling Amplification. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 12686-12692	7.8	13
258	Sensitive biosensor for p53 DNA sequence based on the photothermal effect of gold nanoparticles and the signal amplification of locked nucleic acid functionalized DNA walkers using a thermometer as readout. <i>Talanta</i> , <b>2020</b> , 220, 121398	6.2	12
257	Surface-enhanced electrochemiluminescence combined with resonance energy transfer for sensitive carcinoembryonic antigen detection in exhaled breath condensates. <i>Analyst, The</i> , <b>2020</b> , 145, 6524-6531	5	3
256	Determination of copper ions in herbal medicine based on click chemistry using an electronic balance as a readout. <i>Analytical Methods</i> , <b>2020</b> , 12, 4473-4478	3.2	
255	Miniaturized electrochemical sensors and their point-of-care applications. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 589-600	8.1	48
254	Thermal fragmentation enhanced identification and quantification of polystyrene micro/nanoplastics in complex media. <i>Talanta</i> , <b>2020</b> , 208, 120478	6.2	34
253	On-spot surface enhanced Raman scattering detection of Aflatoxin B in peanut extracts using gold nanobipyramids evenly trapped into the AAO nanoholes. <i>Food Chemistry</i> , <b>2020</b> , 307, 125528	8.5	25
252	Target-responsive ratiometric fluorescent aptasensor for OTA based on energy transfer between [Ru(bpy)] and silica quantum dots. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 270	5.8	8
251	Nucleic Acids Analysis. <i>Science China Chemistry</i> , <b>2020</b> , 64, 1-33	7.9	33
250	A calcium alginate sponge with embedded gold nanoparticles as a flexible SERS substrate for direct analysis of pollutant dyes. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 64	5.8	13
249	Sensitive Hyaluronidase Biosensor Based on Target-Responsive Hydrogel Using Electronic Balance as Readout. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11821-11826	7.8	25
248	Ultrasensitive and Portable Assay for Lead(II) Ions by Electronic Balance as a Readout. <i>ACS Sensors</i> , <b>2019</b> , 4, 2465-2470	9.2	21
247	Antibacterial mechanism of <i>Tetrastigma hemsleyanum</i> Diels et Gilg's polysaccharides by metabolomics based on HPLC/MS. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 206-215	7.9	18



246	Electrochemiluminescent functional nucleic acids-based sensors for food analysis. <i>Luminescence</i> , <b>2019</b> , 34, 308-315	2.5	10
245	Rapid detection of dibutyl phthalate in liquor by a semi-quantitative multicolor immunosensor with naked eyes as readout. <i>Analytical Methods</i> , <b>2019</b> , 11, 524-529	3.2	7
244	An in situ assembly strategy for the construction of a sensitive and reusable electrochemical aptasensor. <i>Chemical Communications</i> , <b>2019</b> , 55, 905-908	5.8	7
243	Chemiluminescent sensor for hydrogen sulfide in rat brain microdialysis based on target-induced horseradish peroxidase deactivation. <i>Analytical Methods</i> , <b>2019</b> , 11, 3085-3089	3.2	3
242	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , <b>2019</b> , 10, 2779	17.4	52
241	A planar and uncharged copper(II)-picolinic acid chelate: Its intercalation to duplex DNA by experimental and theoretical studies and electrochemical sensing application. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 141, 111405	11.8	5
240	DNA template-mediated click chemistry-based portable signal-on sensor for ochratoxin A detection. <i>Food Chemistry</i> , <b>2019</b> , 297, 124929	8.5	11
239	Electrochemiluminescence for the identification of electrochemically active bacteria. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 137, 222-228	11.8	10
238	Noble Metal Nanoparticle-Based Multicolor Immunoassays: An Approach toward Visual Quantification of the Analytes with the Naked Eye. <i>ACS Sensors</i> , <b>2019</b> , 4, 782-791	9.2	82
237	Ratiometric Fluorescent Hydrogel Test Kit for On-Spot Visual Detection of Nitrite. <i>ACS Sensors</i> , <b>2019</b> , 4, 1252-1260	9.2	52
236	DNAzyme-based Y-shaped label-free electrochemiluminescent biosensor for lead using electrically heated indium-tin-oxide electrode for in situ temperature control. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 289, 78-84	8.5	10
235	Rapid synthesis of a highly active and uniform 3-dimensional SERS substrate for on-spot sensing of dopamine. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 260	5.8	9
234	Novel electrochemical nanoswitch biosensor based on self-assembled pH-sensitive continuous circular DNA. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 131, 274-279	11.8	9
233	Microcapsule-embedded hydrogel patches for ultrasound responsive and enhanced transdermal delivery of diclofenac sodium. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2330-2337	7.3	34
232	Ratiometric Immunosensor for GP73 Detection Based on the Ratios of Electrochemiluminescence and Electrochemical Signal Using DNA Tetrahedral Nanostructure as the Carrier of Stable Reference Signal. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3717-3724	7.8	49
231	Development of an Immunosensor Based on the Exothermic Reaction between HO and CaO Using a Common Thermometer as Readout. <i>ACS Sensors</i> , <b>2019</b> , 4, 2375-2380	9.2	23
230	Yolk-Shell-Structured SnO <sub>2</sub> and Poly-Tyrosine Composite Films as an Impedimetric Signal-Off Sensing Platform for Transgenic Soybean Screening. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 18685-18692	3.8	4
229	A Facile Approach for On-Site Evaluation of Nicotine in Tobacco and Environmental Tobacco Smoke. <i>ACS Sensors</i> , <b>2019</b> , 4, 1844-1850	9.2	10

228	Homogeneous Electrochemiluminescence Biosensor for the Detection of RNase A Activity and Its Inhibitor. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 14751-14756	7.8	14
227	Jungle on the Electrode: A Target-Induced Enzyme-Free and Label-Free Biosensor. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13712-13719	7.8	6
226	A surface-enhanced electrochemiluminescence sensor based on Au-SiO <sub>2</sub> core-shell nanocomposites doped with Ru(bpy) <sub>3</sub> for the ultrasensitive detection of prostate-specific antigen in human serum. <i>Analyst, The</i> , <b>2019</b> , 145, 132-138	5	8
225	Fluorometric determination of the activity of inorganic pyrophosphatase and its inhibitors by exploiting the peroxidase mimicking properties of a two-dimensional metal organic framework. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 190	5.8	13
224	Ultra-high quantum yield ultraviolet fluorescence of graphitic carbon nitride nanosheets. <i>Chemical Communications</i> , <b>2019</b> , 55, 15065-15068	5.8	8
223	An ultrasensitive electrochemiluminescence biosensor for nuclear factor kappa B p50 based on the proximity hybridization-induced hybridization chain reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 12980-12983 <sup>12</sup>	5.8	12
222	Sensitive Fluorescent Sensor for Hydrogen Sulfide in Rat Brain Microdialysis via CsPbBr <sub>3</sub> Quantum Dots. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 15915-15921	7.8	35
221	Hyperbranched rolling circle amplification (HRCAs)-based fluorescence biosensor for ultrasensitive and specific detection of single-nucleotide polymorphism genotyping associated with the therapy of chronic hepatitis B virus infection. <i>Talanta</i> , <b>2019</b> , 191, 277-282	6.2	23
220	Electrochemiluminescence Biosensor for the Detection of the Folate Receptor in HeLa Cells Based on Hyperbranched Rolling Circle Amplification and Terminal Protection. <i>ChemElectroChem</i> , <b>2019</b> , 6, 827-833	4.3	8
219	Highly selective fluorescence sensor for hydrogen sulfide based on the Cu(II)-dependent DNAzyme. <i>Journal of Luminescence</i> , <b>2019</b> , 207, 369-373	3.8	14
218	Structural characterization, hypoglycemic effects and mechanism of a novel polysaccharide from <i>Tetrastigma hemsleyanum</i> Diels et Gilg. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 123, 775-783	7.9	33
217	Signal-on electrochemiluminescence aptasensor for bisphenol A based on hybridization chain reaction and electrically heated electrode. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 129, 36-41	11.8	29
216	Enzyme-free multicolor biosensor based on Cu <sup>2+</sup> -modified carbon nitride nanosheets and gold nanobipyramids for sensitive detection of neuron specific enolase. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 283, 138-145	8.5	26
215	Polysaccharides from <i>Tetrastigma hemsleyanum</i> Diels et Gilg: Extraction optimization, structural characterizations, antioxidant and antihyperlipidemic activities in hyperlipidemic mice. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 125, 1033-1041	7.9	32
214	Targets regulated formation of boron nitride quantum dots [Gold nanoparticles nanocomposites for ultrasensitive detection of acetylcholinesterase activity and its inhibitors. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 279, 61-68	8.5	45
213	Application of ordered nanoparticle self-assemblies in surface-enhanced spectroscopy. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 835-860	7.8	25
212	Interesting optical variations of the etching of Au Nanobipyramid@Ag Nanorods and its application as a colorful chromogenic substrate for immunoassays. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 267, 502-509	8.5	28
211	Target-Induced Horseradish Peroxidase Deactivation for Multicolor Colorimetric Assay of Hydrogen Sulfide in Rat Brain Microdialysis. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6222-6228	7.8	91



210	A homogeneous electrochemical sensor for Hg determination in environmental water based on the T-Hg-T structure and exonuclease III-assisted recycling amplification. <i>Analyst, The</i> , <b>2018</b> , 143, 2122-2127 <sup>5</sup>		13
209	A sensing platform for hypoxanthine detection based on amino-functionalized metal organic framework nanosheet with peroxidase mimic and fluorescence properties. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 267, 312-319	8.5	52
208	Homogeneous and label-free electrochemiluminescence aptasensor based on the difference of electrostatic interaction and exonuclease-assisted target recycling amplification. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 105, 182-187	11.8	31
207	Enhanced performance of a hyperbranched rolling circle amplification based electrochemiluminescence aptasensor for ochratoxin A using an electrically heated indium tin oxide electrode. <i>Electrochemistry Communications</i> , <b>2018</b> , 88, 75-78	5.1	17
206	Highly sensitive colorimetric aptasensor for ochratoxin A detection based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1002, 90-96	6.6	32
205	Stimulus-response click chemistry based aptamer-functionalized mesoporous silica nanoparticles for fluorescence detection of thrombin. <i>Talanta</i> , <b>2018</b> , 178, 563-568	6.2	36
204	Microwave-Hydrothermal Treated Grape Peel as an Efficient Biosorbent for Methylene Blue Removal. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	11
203	Enzyme-linked immunosorbent assay for aflatoxin B1 using a portable pH meter as the readout. <i>Analytical Methods</i> , <b>2018</b> , 10, 3804-3809	3.2	7
202	Highly reproducible ratiometric aptasensor based on the ratio of amplified electrochemiluminescence signal and stable internal reference electrochemical signal. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 798-805	6.7	20
201	Electrochemiluminescence biosensor for hyaluronidase activity detection and inhibitor assay based on the electrostatic interaction between hyaluronic acid and Ru(bpy) <sub>3</sub> <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 275, 409-414	8.5	16
200	Highly sensitive electrochemical immunosensor for golgi protein 73 based on proximity ligation assay and enzyme-powered recycling amplification. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1040, 150-157	6.6	10
199	A smart and sensitive sensing platform to monitor the extracellular concentration of hydrogen peroxide in rat brain microdialysates during pathological processes based on mesoporous silica nanoparticles. <i>Analytical Methods</i> , <b>2018</b> , 10, 4361-4366	3.2	1
198	A Simple and Convenient Aptasensor for Protein Using an Electronic Balance as a Readout. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 1087-1091	7.8	37
197	Detection of aflatoxin B in food samples based on target-responsive aptamer-cross-linked hydrogel using a handheld pH meter as readout. <i>Talanta</i> , <b>2018</b> , 176, 34-39	6.2	63
196	Ultrasensitive impedimetric mercury(II) sensor based on thymine-Hg(II)-thymine interaction and subsequent disintegration of multiple sandwich-structured DNA chains. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 555	5.8	7
195	Sensitive detection of telomerase activity in cancer cells using portable pH meter as readout. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 121, 153-158	11.8	28
194	Hypoglycemic Effects of a Polysaccharide from <i>Tetrastigma hemsleyanum</i> Diels & Gilg in Alloxan-Induced Diabetic Mice. <i>Chemistry and Biodiversity</i> , <b>2018</b> , 15, e1800070	2.5	15
193	A novel method for geographical origin identification of <i>Tetrastigma hemsleyanum</i> (Sanyeqing) by near-infrared spectroscopy. <i>Analytical Methods</i> , <b>2018</b> , 10, 2980-2988	3.2	11

192	Label-free ochratoxin A electrochemical aptasensor based on target-induced noncovalent assembly of peroxidase-like graphitic carbon nitride nanosheet. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 270, 263-269	8.5	53
191	Rapid authentication of <i>Pseudostellaria heterophylla</i> (Taizhishen) from different regions by Raman spectroscopy coupled with chemometric methods. <i>Journal of Luminescence</i> , <b>2018</b> , 202, 239-245	3.8	6
190	Dialysis assisted ligand exchange on gold nanorods: Amplification of the performance of a lateral flow immunoassay for <i>E. coli</i> O157:H7. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 350	5.8	18
189	Homogeneous electrochemical aptasensor for mucin 1 detection based on exonuclease I-assisted target recycling amplification strategy. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 117, 474-479	11.8	40
188	An electrochemiluminescence biosensor for Kras mutations based on locked nucleic acid functionalized DNA walkers and hyperbranched rolling circle amplification. <i>Chemical Communications</i> , <b>2017</b> , 53, 2910-2913	5.8	68
187	Highly sensitive colorimetric immunosensor for influenza virus H5N1 based on enzyme-encapsulated liposome. <i>Analytica Chimica Acta</i> , <b>2017</b> , 963, 112-118	6.6	28
186	Ultrasensitive and selective electrochemical biosensor for detection of mercury (II) ions by nicking endonuclease-assisted target recycling and hybridization chain reaction signal amplification. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 94, 19-23	11.8	57
185	The detection of melamine base on a turn-on fluorescence of DNA-Ag nanoclusters. <i>Journal of Luminescence</i> , <b>2017</b> , 186, 103-108	3.8	10
184	Colorimetric probe for copper(II) ion detection based on cost-effective aminoquinoline derivative. <i>Analytical Methods</i> , <b>2017</b> , 9, 1727-1731	3.2	10
183	Spectroscopy study of the interaction between endocrine disruptor 4-OH-2,2',3,4'-BDE and human serum albumin. <i>Analytical Methods</i> , <b>2017</b> , 9, 3338-3346	3.2	2
182	Highly sensitive antibody-aptamer sensor for vascular endothelial growth factor based on hybridization chain reaction and pH meter/indicator. <i>Talanta</i> , <b>2017</b> , 175, 177-182	6.2	24
181	Boron nitride nanosheets as a platform for fluorescence sensing. <i>Talanta</i> , <b>2017</b> , 174, 365-371	6.2	27
180	Multicolor biosensor for fish freshness assessment with the naked eye. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 252, 201-208	8.5	54
179	Nitrogen-doped hierarchical carbon spheres derived from MnO <sub>2</sub> -templated spherical polypyrrole as excellent high rate anode of Li-ion batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 245, 279-286	6.7	27
178	Use of Fourier transform near-infrared spectroscopy combined with a relevance vector machine to discriminate <i>Tetrastigma hemsleyanum</i> (Sanyeqing) from other related species. <i>Analytical Methods</i> , <b>2017</b> , 9, 4023-4027	3.2	10
177	A Portable Immunosensor with Differential Pressure Gauges Readout for Alpha Fetoprotein Detection. <i>Scientific Reports</i> , <b>2017</b> , 7, 45343	4.9	17
176	Highly Uniform Gold Nanobipyramids for Ultrasensitive Colorimetric Detection of Influenza Virus. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1617-1623	7.8	145
175	Application of Au based nanomaterials in analytical science. <i>Nano Today</i> , <b>2017</b> , 12, 64-97	17.9	58

174	Highly sensitive aptamer based on electrochemiluminescence biosensor for label-free detection of bisphenol A. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 7145-7151	4.4	18
173	Preparation of an Efficient Ratiometric Fluorescent Nanoprobe (m-CDs@[Ru(bpy)]) for Visual and Specific Detection of Hypochlorite on Site and in Living Cells. <i>ACS Sensors</i> , <b>2017</b> , 2, 1684-1691	9.2	42
172	Cationic Carbon Dots for Modification-Free Detection of Hyaluronidase via an Electrostatic-Controlled Ratiometric Fluorescence Assay. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 8384-8390	7.8	85
171	A fluorometric histidine biosensor based on the use of a quencher-labeled Cu(II)-dependent DNzyme. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4015-4020	5.8	11
170	High peroxidase-like activity of iron and nitrogen co-doped carbon dots and its application in immunosorbent assay. <i>Talanta</i> , <b>2017</b> , 164, 1-6	6.2	88
169	A universal multicolor immunosensor for semiquantitative visual detection of biomarkers with the naked eyes. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 87, 122-128	11.8	85
168	Facile synthesis of FeO/g-CN/HKUST-1 composites as a novel biosensor platform for ochratoxin A. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 718-723	11.8	69
167	Fluorescence biosensor for inorganic pyrophosphatase activity. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 999-1005	4.4	7
166	A sensitive fluorescent sensor for quantification of alpha-fetoprotein based on immunosorbent assay and click chemistry. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 46-50	11.8	66
165	Stimulus-response mesoporous silica nanoparticle-based chemiluminescence biosensor for cocaine determination. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 8-14	11.8	55
164	A signal-on homogeneous electrochemical biosensor for sequence-specific microRNA based on duplex-specific nuclease-assisted target recycling amplification. <i>Analytical Methods</i> , <b>2016</b> , 8, 7034-7039	3.2	7
163	Direct visualization of sub-femtomolar circulating microRNAs in serum based on the duplex-specific nuclease-amplified oriented assembly of gold nanoparticle dimers. <i>Chemical Communications</i> , <b>2016</b> , 52, 11347-11350	5.8	18
162	Multicolor Colorimetric Biosensor for the Determination of Glucose based on the Etching of Gold Nanorods. <i>Scientific Reports</i> , <b>2016</b> , 6, 37879	4.9	53
161	A novel molecularly imprinted electrochemiluminescence sensor based on a Ru(bpy) <sub>3</sub> <sup>2+</sup> /MWCNTs/nano-TiO <sub>2</sub> -Nafion electrode for the detection of bisphenol A. <i>Analytical Methods</i> , <b>2016</b> , 8, 7445-7452	3.2	11
160	Immobilization free electrochemical biosensor for folate receptor in cancer cells based on terminal protection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 496-501	11.8	26
159	Fluorescence biosensor for folate receptors in cancer cells based on terminal protection and hyperbranched rolling circle amplification. <i>Analytical Methods</i> , <b>2016</b> , 8, 6231-6235	3.2	4
158	Graphene Oxide Directed One-Step Synthesis of Flowerlike Graphene@HKUST-1 for Enzyme-Free Detection of Hydrogen Peroxide in Biological Samples. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32477-32487	9.5	100
157	Dual-color plasmonic enzyme-linked immunosorbent assay based on enzyme-mediated etching of Au nanoparticles. <i>Scientific Reports</i> , <b>2016</b> , 6, 32755	4.9	30

156	A sensitive fluorescence biosensor for alkaline phosphatase activity based on the Cu(II)-dependent DNAzyme. <i>Analytica Chimica Acta</i> , <b>2016</b> , 948, 98-103	6.6	17
155	Enzyme-free fluorescent biosensor for miRNA-21 detection based on MnO <sub>2</sub> nanosheets and catalytic hairpin assembly amplification. <i>Analytical Methods</i> , <b>2016</b> , 8, 8492-8497	3.2	25
154	A Shake&Read distance-based microfluidic chip as a portable quantitative readout device for highly sensitive point-of-care testing. <i>Chemical Communications</i> , <b>2016</b> , 52, 13377-13380	5.8	20
153	Surface Enhanced Electrochemiluminescence Immunoassay for Highly Sensitive Detection of Disease Biomarkers in Whole Blood. <i>Electroanalysis</i> , <b>2016</b> , 28, 1783-1786	3	13
152	Highly sensitive visual detection of Avian Influenza A (H7N9) virus based on the enzyme-induced metallization. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 874-80	11.8	27
151	Microfluidic Distance Readout Sweet Hydrogel Integrated Paper-Based Analytical Device (DiSH-PAD) for Visual Quantitative Point-of-Care Testing. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2345-52	7.8	146
150	Flexible and Adhesive Surface Enhance Raman Scattering Active Tape for Rapid Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2149-55	7.8	277
149	Multicolor ELISA based on alkaline phosphatase-triggered growth of Au nanorods. <i>Analyst, The</i> , <b>2016</b> , 141, 2970-6	5	27
148	Gold Nanorods as Colorful Chromogenic Substrates for Semiquantitative Detection of Nucleic Acids, Proteins, and Small Molecules with the Naked Eye. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 3227-34	7.8	101
147	Integration of target responsive hydrogel with cascaded enzymatic reactions and microfluidic paper-based analytic devices ( $\mu$ PADs) for point-of-care testing (POCT). <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 537-42	11.8	80
146	Facile construction of a highly sensitive DNA biosensor by in-situ assembly of electro-active tags on hairpin-structured probe fragment. <i>Scientific Reports</i> , <b>2016</b> , 6, 22441	4.9	20
145	Highly Selective and Sensitive Electrochemiluminescence Biosensor for p53 DNA Sequence Based on Nicking Endonuclease Assisted Target Recycling and Hyperbranched Rolling Circle Amplification. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5097-103	7.8	101
144	Label-free electrochemiluminescence biosensor for ultrasensitive detection of telomerase activity in HeLa cells based on extension reaction and intercalation of Ru(phen) <sub>3</sub> (2+). <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 7105-11	4.4	10
143	Homogeneous Electrochemical Biosensor for Melamine Based on DNA Triplex Structure and Exonuclease III-Assisted Recycling Amplification. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10176-10182	7.8	55
142	Pd-on-Au Supra-nanostructures Decorated Graphene Oxide: An Advanced Electrocatalyst for Fuel Cell Application. <i>Langmuir</i> , <b>2016</b> , 32, 8557-64	4	22
141	Colorimetric detection of microcystin-LR based on disassembly of orient-aggregated gold nanoparticle dimers. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 475-480	11.8	76
140	Fluorescence aptasensor for Ochratoxin A in food samples based on hyperbranched rolling circle amplification. <i>Analytical Methods</i> , <b>2015</b> , 7, 6109-6113	3.2	19
139	Surface enhanced electrochemiluminescence of Ru(bpy) <sub>3</sub> (2+). <i>Scientific Reports</i> , <b>2015</b> , 5, 7954	4.9	49

138	Target-responsive DNA hydrogel mediated "stop-flow" microfluidic paper-based analytic device for rapid, portable and visual detection of multiple targets. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 4275-82	7.8	115
137	Electrochemiluminescence biosensor for ultrasensitive determination of ochratoxin A in corn samples based on aptamer and hyperbranched rolling circle amplification. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 268-74	11.8	88
136	A novel fluorescent reagent for recognition of triplex DNA with high specificity and selectivity. <i>Analyst, The</i> , <b>2015</b> , 140, 7742-7	5	12
135	A micro-pressure sensor-based analytic platform and its application in thrombin quantification. <i>Analytical Methods</i> , <b>2015</b> , 7, 7985-7988	3.2	6
134	Ultrasensitive homogeneous electrochemical biosensor for DNA species related to oral cancer based on nicking endonuclease assisted target recycling amplification. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 9204-8	7.8	84
133	Exonuclease-Catalyzed Target Recycling Amplification and Immobilization-free Electrochemical Aptasensor. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 11826-31	7.8	56
132	Highly selective colorimetric bacteria sensing based on protein-capped nanoparticles. <i>Analyst, The</i> , <b>2015</b> , 140, 1149-54	5	25
131	Synthesis and characterization of vinyl-functionalized magnetic nanofibers for protein imprinting. <i>Chemical Communications</i> , <b>2015</b> , 51, 202-5	5.8	27
130	Hyperbranched rolling circle amplification based electrochemiluminescence aptasensor for ultrasensitive detection of thrombin. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 63, 166-171	11.8	50
129	Surface-Enhanced Electrochemiluminescence of Ru@SiO <sub>2</sub> for Ultrasensitive Detection of Carcinoembryonic Antigen. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5966-72	7.8	126
128	Fluorometric method for inorganic pyrophosphatase activity detection and inhibitor screening based on click chemistry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 816-20	7.8	45
127	Disassembly of gold nanoparticle dimers for colorimetric detection of ochratoxin A. <i>Analytical Methods</i> , <b>2015</b> , 7, 842-845	3.2	45
126	Determination of flumioxazin residue in food samples through a sensitive fluorescent sensor based on click chemistry. <i>Food Chemistry</i> , <b>2014</b> , 162, 242-6	8.5	7
125	Aptamer-based portable biosensor for platelet-derived growth factor-BB (PDGF-BB) with personal glucose meter readout. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 55, 412-6	11.8	44
124	Surface Enhanced Electrochemiluminescence for Ultrasensitive Detection of Hg <sup>2+</sup> . <i>Electrochimica Acta</i> , <b>2014</b> , 150, 123-128	6.7	37
123	Simultaneous determination of biotoxins DSP and AZAs in bivalve molluscs and fish by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 1479-88	2.2	4
122	Determination of the migration of eight parabens from antibacterial plastic packaging by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Analytical Methods</i> , <b>2014</b> , 6, 2096	3.2	9
121	A signal-on fluorescence biosensor for detection of adenosine triphosphate based on click chemistry. <i>Analytical Methods</i> , <b>2014</b> , 6, 3370-3374	3.2	9

120	Fluorescence probe techniques to study the interaction between hydroxylated polybrominated diphenyl ethers (OH-PBDEs) and protein disulfide isomerase (PDI). <i>Analytical Methods</i> , <b>2014</b> , 6, 8106-8109 <sup>3,2</sup>	2
119	Quantification of DNA through a fluorescence biosensor based on click chemistry. <i>Analyt, The</i> , <b>2014</b> , 139, 5669-73	5 7
118	Ultrasensitive colorimetric carcinoembryonic antigen biosensor based on hyperbranched rolling circle amplification. <i>Analyt, The</i> , <b>2014</b> , 139, 4330-4	5 26
117	Sensitive and portable detection of telomerase activity in HeLa cells using the personal glucose meter. <i>Chemical Communications</i> , <b>2014</b> , 50, 7897-9	5.8 37
116	A colorimetric sensor for pH utilizing a quinoline derivative. <i>Analytical Methods</i> , <b>2014</b> , 6, 5016	3.2 7
115	In situ synthesis of protein-resistant poly(oligo(ethylene glycol)methacrylate) films in capillary for protein separation. <i>RSC Advances</i> , <b>2014</b> , 4, 4883	3.7 9
114	Fluorescence sensor for Cu(II) in the serum sample based on click chemistry. <i>Analyt, The</i> , <b>2014</b> , 139, 656-9	5 37
113	Electrochemiluminescence biosensor for folate receptor based on terminal protection of small-molecule-linked DNA. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 58, 226-31	11.8 31
112	Ultrasensitive electrochemical biosensor for detection of DNA from <i>Bacillus subtilis</i> by coupling target-induced strand displacement and nicking endonuclease signal amplification. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8785-90	7.8 63
111	A portable chemical sensor for histidine based on the strategy of click chemistry. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 51, 386-90	11.8 20
110	DNA methylation detection and inhibitor screening based on the discrimination of the aggregation of long and short DNA on a negatively charged indium tin oxide microelectrode. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 3563-7	7.8 61
109	A reusable and portable immunosensor using personal glucose meter as transducer. <i>Analytical Methods</i> , <b>2014</b> , 6, 5264-5268	3.2 8
108	Signal on fluorescence biosensor for MMP-2 based on FRET between semiconducting polymer dots and a metal organic framework. <i>RSC Advances</i> , <b>2014</b> , 4, 58852-58857	3.7 25
107	G-quadruplex DNA biosensor for sensitive visible detection of genetically modified food. <i>Talanta</i> , <b>2014</b> , 128, 445-9	6.2 17
106	Highly sensitive fluorescent immunosensor for detection of influenza virus based on Ag autocatalysis. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 358-64	11.8 42
105	Label-free electrochemical impedance biosensor for sequence-specific recognition of double-stranded DNA. <i>Analytical Methods</i> , <b>2013</b> , 5, 5005	3.2 21
104	Metal-organic frameworks-based biosensor for sequence-specific recognition of double-stranded DNA. <i>Analyt, The</i> , <b>2013</b> , 138, 3490-3	5 90
103	Highly sensitive protein molecularly imprinted electro-chemical sensor based on gold microdendrites electrode and prussian blue mediated amplification. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 612-7	11.8 51



102	Adsorption removal of crystal violet from aqueous solution using a metal-organic frameworks material, copper coordination polymer with dithiooxamide. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 2857-2864	2.9	29
101	Novel composites of multifunctional FeO@Au nanofibers for highly efficient glycoprotein imprinting. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 1044-1051	7.3	70
100	Electrochemical biosensor for epidermal growth factor receptor detection with peptide ligand. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 233-237	6.7	29
99	Preparative separation of enantiomers based on functional nucleic acids modified gold nanoparticles. <i>Chirality</i> , <b>2013</b> , 25, 751-6	2.1	11
98	Label-free fluorometric method for monitoring conformational flexibility of laccase based on a selective laccase sensor. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11041-6	7.8	1
97	Field-amplified sample stacking in capillary electrophoresis for the determination of alkaloids in <i>Sinomenium acutum</i> . <i>Analytical Methods</i> , <b>2013</b> , 5, 5267	3.2	5
96	A highly sensitive chemiluminescent metalloimmunoassay for H1N1 influenza virus detection based on a silver nanoparticle label. <i>Chemical Communications</i> , <b>2013</b> , 49, 10563-5	5.8	17
95	An ultrasensitive aptameric sensor for proteins based on hyperbranched rolling circle amplification. <i>Chemical Communications</i> , <b>2013</b> , 49, 10115-7	5.8	32
94	A label-free ultrasensitive electrochemical aptameric recognition system for protein assay based on hyperbranched rolling circle amplification. <i>Chemical Communications</i> , <b>2013</b> , 49, 11418-20	5.8	54
93	Dual-channel cathodic electrochemiluminescence of luminol induced by injection of hot electrons on a niobate semiconductor modified electrode. <i>Analyst, The</i> , <b>2013</b> , 138, 234-9	5	8
92	Novel colorimetric molecular switch based on copper(I)-catalyzed azide-alkyne cycloaddition reaction and its application for flumioxazin detection. <i>Analyst, The</i> , <b>2013</b> , 138, 688-92	5	5
91	Metal-organic framework (MOF): a novel sensing platform for biomolecules. <i>Chemical Communications</i> , <b>2013</b> , 49, 1276-8	5.8	292
90	Label-free aptamer-based partial filling technique for enantioseparation and determination of DL-tryptophan with micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>2013</b> , 34, 254-9	3.6	22
89	Analysis of 16 phthalic acid esters in food simulants from plastic food contact materials by LC-ESI-MS/MS. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 477-84	3.4	23
88	Magnetic graphene oxide-based electrochemiluminescent aptasensor for thrombin. <i>Electrochimica Acta</i> , <b>2013</b> , 89, 13-17	6.7	27
87	A fluorescent probe for detection of histidine in cellular homogenate and ovalbumin based on the strategy of click chemistry. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 332-6	11.8	42
86	Molecularly imprinted fluorescent and colorimetric sensor based on TiO@Cu(OH) nanoparticle autocatalysis for protein recognition. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 1256-1262	7.3	25
85	Fluorescence biosensor for the HN antibody based on a metal-organic framework platform. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 1812-1817	7.3	70

84	An ultrasensitive biosensor for glucose based on solid-state electrochemiluminescence on GOx/CdS/GCE electrode. <i>Analytical Methods</i> , <b>2013</b> , 5, 1941	3.2	7
83	Discrimination of enantiomers based on LSPR biosensors fabricated with weak enantioselective and nonselective receptors. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 47, 199-205	11.8	12
82	Determination of paralytic shellfish poisoning toxins by HILIC-MS/MS coupled with dispersive solid phase extraction. <i>Food Chemistry</i> , <b>2013</b> , 137, 115-21	8.5	51
81	A novel fluorescent biosensor for detection of target DNA fragment from the transgene cauliflower mosaic virus 35S promoter. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 168-71	11.8	20
80	A novel fluorescent sensor for mutational p53 DNA sequence detection based on click chemistry. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 403-8	11.8	29
79	Determination of microcystin-LR in water by a label-free aptamer based electrochemical impedance biosensor. <i>Talanta</i> , <b>2013</b> , 103, 371-4	6.2	66
78	Colorimetric and fluorometric dual-readout sensor for lysozyme. <i>Analyst, The</i> , <b>2013</b> , 138, 6517-22	5	23
77	Characteristics of Atmospheric Polycyclic Aromatic Hydrocarbons in Shenyang, Shanghai and Fuzhou, China. <i>Bunseki Kagaku</i> , <b>2013</b> , 62, 267-273	0.2	8
76	An ultrasensitive electrochemical impedance sensor for a special BRCA1 breast cancer gene sequence based on lambda exonuclease assisted target recycling amplification. <i>Chemical Communications</i> , <b>2012</b> ,	5.8	54
75	i-Motif based pH induced electrochemical switches. <i>Electrochemistry Communications</i> , <b>2012</b> , 24, 9-12	5.1	9
74	Logic gates for multiplexed analysis of Hg <sup>2+</sup> and Ag <sup>+</sup> . <i>Analyst, The</i> , <b>2012</b> , 137, 2687-91	5	20
73	Highly sensitive electrochemical immunoassay for H1N1 influenza virus based on copper-mediated amplification. <i>Chemical Communications</i> , <b>2012</b> , 48, 6562-4	5.8	37
72	Terminal protection G-quadruplex-based turn-on fluorescence biosensor for H5N1 antibody. <i>Analytical Methods</i> , <b>2012</b> , 4, 3425	3.2	7
71	CEA fluorescence biosensor based on the FRET between polymer dots and Au nanoparticles. <i>Chemical Communications</i> , <b>2012</b> , 48, 9918-20	5.8	69
70	Label-free aptamer-based electrochemical impedance biosensor for 17 $\beta$ -estradiol. <i>Analyst, The</i> , <b>2012</b> , 137, 819-22	5	75
69	Synthesis and Degradation of Poly(Lactic Acid-co-L-Tyrosine). <i>International Journal of Polymer Analysis and Characterization</i> , <b>2012</b> , 17, 333-344	1.7	3
68	Enantioselective analysis of melagatran via an LSPR biosensor integrated with a microfluidic chip. <i>Lab on A Chip</i> , <b>2012</b> , 12, 3901-6	7.2	20
67	Visual detection of copper(II) based on the aggregation of gold nano-particles via click chemistry. <i>Analytical Methods</i> , <b>2012</b> , 4, 612	3.2	14

66	Styryl quinolinium/G-quadruplex complex for dual-channel fluorescent sensing of Ag <sup>+</sup> and cysteine. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 173, 295-299	8.5	13
65	Determination of magnesium ion in serum samples by a DNAzyme-based electrochemical biosensor. <i>Analytical Methods</i> , <b>2012</b> , 4, 947	3.2	13
64	An aptamer-based fluorescence biosensor for multiplex detection using unmodified gold nanoparticles. <i>Chemical Communications</i> , <b>2012</b> ,	5.8	38
63	Sensitive fluorescence biosensor for folate receptor based on terminal protection of small-molecule-linked DNA. <i>Chemical Communications</i> , <b>2012</b> , 48, 6184-6	5.8	55
62	An ultra-sensitive electrochemical sensor for ascorbic acid based on click chemistry. <i>Analyst, The</i> , <b>2011</b> , 136, 3962-6	5	13
61	Design of a DNA electronic logic gate (INHIBIT gate) with an assaying application for Ag <sup>+</sup> and cysteine. <i>Chemical Communications</i> , <b>2011</b> , 47, 9080-2	5.8	23
60	Pb(2+)-introduced activation of horseradish peroxidase (HRP)-mimicking DNAzyme. <i>Chemical Communications</i> , <b>2011</b> , 47, 7437-9	5.8	60
59	Development of ultra-high sensitive and selective electrochemiluminescent sensor for copper(II) ions: a novel strategy for modification of gold electrode using click chemistry. <i>Analyst, The</i> , <b>2011</b> , 136, 1580-5	5	40
58	G-quadruplex DNAzyme as the turn on switch for fluorimetric detection of genetically modified organisms. <i>Chemical Communications</i> , <b>2011</b> , 47, 1437-9	5.8	40
57	Determination of copper(II) in the dairy product by an electrochemical sensor based on click chemistry. <i>Analytica Chimica Acta</i> , <b>2011</b> , 707, 57-61	6.6	31
56	Mechanism study on inorganic oxidants induced inhibition of Ru(bpy) <sub>3</sub> <sup>2+</sup> electrochemiluminescence and its application for sensitive determination of some inorganic oxidants. <i>Talanta</i> , <b>2011</b> , 85, 339-44	6.2	23
55	Amperometric detection of DNA hybridization using a multi-point, addressable electrochemical device. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 160, 923-928	8.5	16
54	Determination of cocaine on banknotes through an aptamer-based electrochemiluminescence biosensor. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 289-94	4.4	46
53	Highly sensitive electrochemiluminescent biosensor for adenosine based on structure-switching of aptamer. <i>Analytica Chimica Acta</i> , <b>2011</b> , 684, 121-5	6.6	27
52	Electrochemiluminescence Behavior of Ru(bpy) <sub>3</sub> <sup>2+</sup> /Carbofuran System on an Electrically Heated Microelectrode Chip. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 2148-2152	4.9	1
51	Electrochemiluminescent Detection Method for Glyphosate in Soybean on Carbon Fiber-ionic Liquid Paste Electrode. <i>Chinese Journal of Chemistry</i> , <b>2011</b> , 29, 581-586	4.9	3
50	Fluorescence spectrometric study on the interaction of tamibarotene with bovine serum albumin. <i>Luminescence</i> , <b>2011</b> , 26, 336-41	2.5	9
49	Cathodic electrochemiluminescent behavior of luminol at nafion-nano-TiO <sub>2</sub> modified glassy carbon electrode. <i>Luminescence</i> , <b>2011</b> , 26, 531-5	2.5	19

48	Synthesis of a new Ni-phenanthroline complex and its application as an electrochemical probe for detection of nucleic acid. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 2270-4	11.8	10
47	Signal-on electrochemiluminescent biosensor for ATP based on the recombination of aptamer chip. <i>Chemical Communications</i> , <b>2011</b> , 47, 8064-6	5.8	41
46	An ultrasensitive colorimeter assay strategy for p53 mutation assisted by nicking endonuclease signal amplification. <i>Chemical Communications</i> , <b>2011</b> , 47, 9069-71	5.8	44
45	Label-free detection of telomerase activity in HeLa cells using electrochemical impedance spectroscopy. <i>Chemical Communications</i> , <b>2011</b> , 47, 3129-31	5.8	64
44	Study on interaction between a new fluorescent probe 2-methylbenzo[b][1,10]phenanthroline-7(12H)-one and BSA. <i>Analyst, The</i> , <b>2011</b> , 136, 973-8	5	8
43	Electrochemical impedance spectroscopy sensor for ascorbic acid based on copper(I) catalyzed click chemistry. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 4326-30	11.8	43
42	A highly sensitive method for detection of protein based on inhibition of Ru(bpy) <sub>3</sub> <sup>2+</sup> /TPrA electrochemiluminescent system. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 6962-6965	6.7	12
41	A highly sensitive and selective "signal-on" electrochemiluminescent biosensor for mercury. <i>Chemical Communications</i> , <b>2010</b> , 46, 3149-51	5.8	98
40	Mechanism study on inhibited Ru(bpy) <sub>3</sub> (2+) electrochemiluminescence between coreactants. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 12826-32	3.6	14
39	A sensitive aptasensor for adenosine based on the quenching of Ru(bpy) <sub>3</sub> (2+)-doped silica nanoparticle ECL by ferrocene. <i>Chemical Communications</i> , <b>2010</b> , 46, 7751-3	5.8	62
38	Addressable electrochemiluminescence detection system based on redox-cycling of Ru(bpy) <sub>3</sub> (2+). <i>Chemical Communications</i> , <b>2010</b> , 46, 243-5	5.8	15
37	Electrochemical topography of a cell monolayer with an addressable microelectrode array. <i>Chemical Communications</i> , <b>2010</b> , 46, 559-61	5.8	13
36	Signal-on electrochemiluminescence biosensor for thrombin based on target-induced conjunction of split aptamer fragments. <i>Chemical Communications</i> , <b>2010</b> , 46, 5563-5	5.8	52
35	Electrochemiluminescence Biosensor for Glucose Based on Graphene/Nafion/GOD Film Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , <b>2010</b> , 22, 2347-2352	3	50
34	Detection of N6-methyladenosine in urine samples by electrochemiluminescence using a heated ITO electrode. <i>Electrochimica Acta</i> , <b>2010</b> , 56, 644-648	6.7	22
33	Electrochemical Gene-Function Analysis for Single Cells with Addressable Microelectrode/Microwell Arrays. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 2078-2080	3.6	13
32	Electrochemical gene-function analysis for single cells with addressable microelectrode/microwell arrays. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2044-6	16.4	58
31	An electrically heated ionic-liquid/multi-wall carbon nanotube composite electrode and its application to electrochemiluminescent detection of ascorbic acid. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 1142-1145	5.1	27

30	Detection of hypoxanthine based on the electrochemiluminescent of 6-(4-methoxyphenyl)-2-methylimidazo[1,2-a]pyrazin-3(7H)-one on the electrically heated indium-tin-oxide electrode. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 2093-2096	5.1	10
29	Anodic electrochemiluminescent behavior of lucigenin on MWNT/GCE. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 254-257	5.1	6
28	Mechanism for inhibition of Ru(bpy) <sub>3</sub> <sup>2+</sup> /DBAE electrochemiluminescence system by dopamine. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 1579-1582	5.1	58
27	Electrochemiluminescent behavior of N <sup>6</sup> -isopentenyl-adenine/Ru(bpy) <sub>3</sub> <sup>2+</sup> system on an electrically heated ionic liquid/carbon paste electrode. <i>Electrochemistry Communications</i> , <b>2009</b> , 11, 2056-2059	5.1	14
26	An electrochemiluminescent biosensor for glucose based on the electrochemiluminescence of luminol on the nafion/glucose oxidase/poly(nickel(II)tetrakisulfophthalocyanine)/multi-walled carbon nanotubes modified electrode. <i>Talanta</i> , <b>2009</b> , 78, 76-80	6.2	59
25	Fabrication of an electrically heated indium-tin-oxide electrode for electrochemiluminescent detection system. <i>Analyst, The</i> , <b>2009</b> , 134, 731-7	5	19
24	A sensitive and specific electrochemiluminescent sensor for lead based on DNAzyme. <i>Chemical Communications</i> , <b>2009</b> , 6050-2	5.8	84
23	An electrochemiluminescent detector based on multi-wall-carbon-nanotube/Nafion/Ru(bpy) <sub>3</sub> (2+) composite film modified heated-electrode. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 2303-9	1.3	7
22	Electrochemiluminescent biosensor for hypoxanthine based on the electrically heated carbon paste electrode modified with xanthine oxidase. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 2826-31	7.8	43
21	An electrochemiluminescent biosensor for uric acid based on the electrochemiluminescence of bis-[3,4,6-trichloro-2-(pentyloxycarbonyl)-phenyl] oxalate on an ITO electrode modified by an electropolymerized nickel phthalocyanine film. <i>Analyst, The</i> , <b>2008</b> , 133, 797-801	5	18
20	An addressable microelectrode array for electrochemical detection. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 6830-38	7.8	54
19	Electrochemiluminescent behavior of luminol on the glassy carbon electrode modified with CoTPP/MWNT composite film. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 6464-6468	6.7	18
18	Enhanced electrochemiluminescence of Ru(bpy) <sub>3</sub> (2+) by flavone compounds. <i>Luminescence</i> , <b>2008</b> , 23, 365-9	2.5	4
17	Electrochemiluminescent biosensor based on multi-wall carbon nanotube/nano-Au modified electrode. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 1708-1711	5.1	22
16	Analysis of glyphosate and aminomethylphosphonic acid by capillary electrophoresis with electrochemiluminescence detection. <i>Journal of Chromatography A</i> , <b>2008</b> , 1177, 195-8	4.5	63
15	TiO <sub>2</sub> /Nafion film based electrochemiluminescence for detection of dissolved oxygen. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 1629-1632	5.1	58
14	An ECL biosensor for glucose based on carbon-nanotube/Nafion film modified glass carbon electrode. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 2396-2401	6.7	80
13	A new electrochemiluminescent detection system equipped with an electrically heated carbon paste electrode for CE. <i>Electrophoresis</i> , <b>2007</b> , 28, 3250-9	3.6	28

12	New capillary electrophoresis-electrochemiluminescence detection system equipped with an electrically heated Ru(bpy) <sub>3</sub> (2+)/multi-wall-carbon-nanotube paste electrode. <i>Journal of Chromatography A</i> , <b>2007</b> , 1172, 84-91	4.5	41
11	Enhanced electrochemiluminescent of lucigenin at an electrically heated cylindrical microelectrode. <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 269-274	5.1	34
10	Enhancement of electrochemiluminescence of lucigenin by ascorbic acid at single-wall carbon nanotube film-modified glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 4457-4462	6.7	20
9	An electrochemiluminescent sensor for glucose employing a modified carbon nanotube paste electrode. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 399-407	4.4	24
8	The electrochemiluminescent behavior of luminol on an electrically heating controlled microelectrode at cathodic potential. <i>Electrochimica Acta</i> , <b>2007</b> , 53, 1708-1712	6.7	19
7	A new electrochemiluminescent sensing system for glucose based on the electrochemiluminescent reaction of bis-[3,4,6-trichloro-2-(pentylloxycarbonyl)-phenyl] oxalate. <i>Talanta</i> , <b>2007</b> , 72, 1410-5	6.2	5
6	Study on the electrochemiluminescent behavior of menadione sodium bisulfite in presence of luminol. <i>Talanta</i> , <b>2007</b> , 72, 1681-6	6.2	4
5	Determination of carbamates in nature water based on the enhancement of electrochemiluminescent of Ru(bpy) <sub>3</sub> (2+) at the multi-wall carbon nanotube-modified electrode. <i>Talanta</i> , <b>2006</b> , 70, 111-5	6.2	40
4	A new electrochemiluminescent detection system equipped with an electrically controlled heating cylindrical microelectrode. <i>Analytica Chimica Acta</i> , <b>2006</b> , 564, 226-230	6.6	38
3	A new method of Fourier-transform smoothing with ratio spectra derivative spectrophotometry. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2001</b> , 370, 997-1002		5
2	High Sensitive Electrochemiluminescence Biosensor Based on Ru(phen) <sub>3</sub> <sup>2+</sup> -loaded Double Strand DNA as Signal Tags use to Detect DNA Methyltransferase Activity. <i>Electroanalysis</i> ,	3	1
1	Calcium Alginate Gel Beads Containing Gold Nanobipyramids for Surface-Enhanced Raman Scattering Detection in Aqueous Samples. <i>ACS Applied Nano Materials</i> ,	5.6	1