

Wei-Hua Lai

List of Publications by Year in descending order

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119
papers

5,468
citations

50276

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95266

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all docs

119
docs citations

119
times ranked

4160
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateral flow immunoassay based on dual spectral-overlapped fluorescence quenching of polydopamine nanospheres for sensitive detection of sulfamethazine. <i>Journal of Hazardous Materials</i> , 2022, 423, 127204.	12.4	43
2	Development of a label-free plasmonic gold nanoparticles aggregates sensor on the basis of charge neutralization for the detection of zearalenone. <i>Food Chemistry</i> , 2022, 370, 131365.	8.2	18
3	Development of a signal-enhanced LFIA based on tyramine-induced AuNPs aggregation for sensitive detection of danofloxacin. <i>Food Chemistry</i> , 2022, 375, 131875.	8.2	7
4	I ² /I ⁰ -mediated fluorescence quenching of an Ag ⁺ -doped gold nanocluster-based immunoassay for sensitive detection of <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2022, 105, 2922-2930.	3.4	10
5	Intelligently identifiable membrane immunochip sensor based on Braille-like code for simultaneous multi-veterinary drug detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131571.	7.8	3
6	A novel method based on Ag@Au nanorings with tunable plasmonic properties for the sensitive detection of amantadine. <i>Journal of Hazardous Materials</i> , 2022, 431, 128498.	12.4	8
7	Novel Dual-Color Immunochromatographic Assay Based on Chrysanthemum-like Au@polydopamine and Colloidal Gold for Simultaneous Sensitive Detection of Paclobutrazol and Carbofuran in Fruits and Vegetables. <i>Foods</i> , 2022, 11, 1564.	4.3	2
8	Quantum dot nanobead immunochromatographic assay based on bispecific monoclonal antibody for the simultaneous detection of aflatoxin B ₁ and amantadine. <i>Food and Agricultural Immunology</i> , 2022, 33, 403-418.	1.4	6
9	Two-step aggregation of gold nanoparticles based on charge neutralization for detection of melamine by colorimetric and surface-enhanced Raman spectroscopy platform. <i>Journal of Dairy Science</i> , 2022, 105, 7298-7307.	3.4	2
10	Immunochromatographic assay based on time-resolved fluorescent nanobeads for the rapid detection of sulfamethazine in egg, honey, and pork. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 684-692.	3.5	13
11	Immuno-HCR based on contact quenching and fluorescence resonance energy transfer for sensitive and low background detection of <i>Escherichia coli</i> O157:H7. <i>Food Chemistry</i> , 2021, 334, 127568.	8.2	20
12	Synthesis of PDA-Mediated Magnetic Bimetallic Nanozyme and Its Application in Immunochromatographic Assay. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1413-1423.	8.0	58
13	Controlled copper in situ growth-amplified lateral flow sensors for sensitive, reliable, and field-deployable infectious disease diagnostics. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112753.	10.1	29
14	Sensitive tracking of circulating viral RNA through all stages of SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	21
15	Developmental trend of immunoassays for monitoring hazards in food samples: A review. <i>Trends in Food Science and Technology</i> , 2021, 111, 68-88.	15.1	68
16	Detection of stx1 and stx2 and subtyping of Shiga toxin-producing <i>Escherichia coli</i> using asymmetric PCR combined with lateral flow immunoassay. <i>Food Control</i> , 2021, 126, 108051.	5.5	6
17	Development of a rapid and sensitive quantum dot nanobead-based double-antigen sandwich lateral flow immunoassay and its clinical performance for the detection of SARS-CoV-2 total antibodies. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130139.	7.8	61
18	Chrysanthemum-like Au@Polydopamine synthesized using one-pot method and its advantage in immunochromatographic assay. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130097.	7.8	11

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19	Ensuring food safety using fluorescent nanoparticles-based immunochromatographic test strips. <i>Trends in Food Science and Technology</i> , 2021, 118, 658-678.	15.1	41
20	Using hapten cross-reactivity to screen heterologous competitive antigens for improving the sensitivity of ELISA. <i>Food Chemistry</i> , 2020, 303, 125379.	8.2	21
21	Preparation of an Antidanofloxacin Monoclonal Antibody and Development of Immunoassays for Detecting Danofloxacin in Meat. <i>ACS Omega</i> , 2020, 5, 667-673.	3.5	8
22	Recent advances of lateral flow immunoassay for mycotoxins detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116087.	11.4	61
23	Highly Specific Anti-tylosin Monoclonal Antibody and Its Application in the Quantum Dot Bead-Based Immunochromatographic Assay. <i>Food Analytical Methods</i> , 2020, 13, 2258-2268.	2.6	11
24	Glucose oxidase-induced colorimetric immunoassay for qualitative detection of danofloxacin based on iron (â...j) chelation reaction with phenanthroline. <i>Food Chemistry</i> , 2020, 328, 127099.	8.2	7
25	Gold nanorods etching-based plasmonic immunoassay for qualitative and quantitative detection of aflatoxin M1 in milk. <i>Food Chemistry</i> , 2020, 329, 127160.	8.2	44
26	Improving the performance of upconversion nanoprobe-based lateral flow immunoassays by supramolecular self-assembly core/shell strategies. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128233.	7.8	33
27	Green Enzyme-Linked Immunosorbent Assay Based on the Single-Stranded Binding Protein-Assisted Aptamer for the Detection of Mycotoxin. <i>Analytical Chemistry</i> , 2020, 92, 8422-8426.	6.5	68
28	Ultra-sensitive and high-throughput CRISPR-p owered COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112316.	10.1	265
29	Sensitive and hook effectâ€free lateral flow assay integrated with cascade signal transduction system. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128465.	7.8	11
30	Reliable performance of aggregation-induced emission nanoparticle-based lateral flow assay for norfloxacin detection in nine types of animal-derived food. <i>Talanta</i> , 2020, 219, 121245.	5.5	20
31	Silver nanoprism-based plasmonic ELISA for sensitive detection of fluoroquinolones. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3667-3675.	5.8	22
32	Engineered gold nanoparticles as multicolor labels for simultaneous multi-mycotoxin detection on the immunochromatographic test strip nanosensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128107.	7.8	63
33	Emerging design strategies for constructing multiplex lateral flow test strip sensors. <i>Biosensors and Bioelectronics</i> , 2020, 157, 112168.	10.1	84
34	Integrated gold superparticles into lateral flow immunoassays for the rapid and sensitive detection of <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2020, 103, 6940-6949.	3.4	15
35	Sensitive immunoassays based on a monoclonal antibody for detection of marbofloxacin in milk. <i>Journal of Dairy Science</i> , 2020, 103, 7791-7800.	3.4	12
36	Dual-mode immunoassay system based on glucose oxidase-triggered Fenton reaction for qualitative and quantitative detection of danofloxacin in milk. <i>Journal of Dairy Science</i> , 2020, 103, 7826-7833.	3.4	3

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37	Lateral Flow Immunoassay Based on Polydopamine-Coated Gold Nanoparticles for the Sensitive Detection of Zearalenone in Maize. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31283-31290.	8.0	132
38	Multicolor and Ultrasensitive Enzyme-Linked Immunosorbent Assay Based on the Fluorescence Hybrid Chain Reaction for Simultaneous Detection of Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9390-9398.	5.2	61
39	Gold Nanoflower-Enhanced Dynamic Light Scattering Immunosensor for the Ultrasensitive No-Wash Detection of <i>Escherichia coli</i> O157:H7 in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9104-9111.	5.2	28
40	Gold nanoflowers labelled lateral flow assay integrated with smartphone for highly sensitive detection of clenbuterol in swine urine. <i>Food and Agricultural Immunology</i> , 2019, 30, 1225-1238.	1.4	11
41	Aggregation-induced emission-based competitive lateral flow immunoassay for rapid detection of sulfamethazine in honey. <i>Food and Agricultural Immunology</i> , 2019, 30, 1303-1317.	1.4	18
42	Emerging strategies to develop sensitive AuNP-based ICTS nanosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 147-160.	11.4	77
43	Invited review: Advancements in lateral flow immunoassays for screening hazardous substances in milk and milk powder. <i>Journal of Dairy Science</i> , 2019, 102, 1887-1900.	3.4	24
44	Fluorescence immunoassay through histone-ds-poly(AT)-templated copper nanoparticles as signal transducers for the sensitive detection of <i>Salmonella choleraesuis</i> in milk. <i>Journal of Dairy Science</i> , 2019, 102, 6047-6055.	3.4	7
45	Silver Nanoplates and Gold Nanospheres as Probes for Revealing an Interference Phenomenon in a Simultaneous Quantitative Immunochromatographic Assay. <i>Food Analytical Methods</i> , 2019, 12, 1666-1673.	2.6	5
46	Using molecular descriptors for assisted screening of heterologous competitive antigens to improve the sensitivity of ELISA for detection of enrofloxacin in raw milk. <i>Journal of Dairy Science</i> , 2019, 102, 6037-6046.	3.4	24
47	Ultrabright fluorescent microsphere and its novel application for improving the sensitivity of immunochromatographic assay. <i>Biosensors and Bioelectronics</i> , 2019, 135, 173-180.	10.1	71
48	Integrated immunochromatographic assay for qualitative and quantitative detection of clenbuterol. <i>Analytical Biochemistry</i> , 2019, 577, 45-51.	2.4	11
49	Application and development of superparamagnetic nanoparticles in sample pretreatment and immunochromatographic assay. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 151-170.	11.4	51
50	Dual signal insight: field-efficient qualitative/quantitative detection of sulphamethazine in raw milk. <i>Food and Agricultural Immunology</i> , 2019, 30, 163-177.	1.4	3
51	Sensitive and Matrix-Tolerant Lateral Flow Immunoassay Based on Fluorescent Magnetic Nanobeads for the Detection of Clenbuterol in Swine Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3028-3036.	5.2	65
52	Supramolecular Recognition-Mediated Layer-by-Layer Self-Assembled Gold Nanoparticles for Customized Sensitivity in Paper-Based Strip Nanobiosensors. <i>Small</i> , 2019, 15, e1903861.	10.0	47
53	Lateral flow immunoassays combining enrichment and colorimetry-fluorescence quantitative detection of sulfamethazine in milk based on trifunctional magnetic nanobeads. <i>Food Control</i> , 2019, 98, 268-273.	5.5	51
54	Biosensing multiplexer based on immunochromatographic assay for rapid and high-throughput classification of <i>Salmonella</i> serogroups. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 317-321.	7.8	25

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55	Urease-induced metallization of gold nanorods for the sensitive detection of Salmonella enterica Choleraesuis through colorimetric ELISA. <i>Journal of Dairy Science</i> , 2019, 102, 1997-2007.	3.4	37
56	Novel ELISA based on fluorescent quenching of DNA-stabilized silver nanoclusters for detecting E. coli O157:H7. <i>Food Chemistry</i> , 2019, 281, 91-96.	8.2	53
57	A fluorescent cascade amplification method for sensitive detection of Salmonella based on magnetic Fe ₃ O ₄ nanoparticles and hybridization chain reaction. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 31-37.	7.8	36
58	A novel method based on fluorescent magnetic nanobeads for rapid detection of Escherichia coli O157:H7. <i>Food Chemistry</i> , 2019, 276, 333-341.	8.2	103
59	Biotin-exposure-based immunomagnetic separation coupled with nucleic acid lateral flow biosensor for visibly detecting viable Listeria monocytogenes. <i>Analytica Chimica Acta</i> , 2018, 1017, 48-56.	5.4	50
60	Plasmonic ELISA based on enzyme-assisted etching of Au nanorods for the highly sensitive detection of aflatoxin B1 in corn samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 320-327.	7.8	83
61	Quantum dot nanobead-based multiplexed immunochromatographic assay for simultaneous detection of aflatoxin B1 and zearalenone. <i>Analytica Chimica Acta</i> , 2018, 1025, 163-171.	5.4	127
62	Nanozyme-based lateral flow assay for the sensitive detection of Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , 2018, 101, 5770-5779.	3.4	86
63	Specific colorimetric ELISA method based on DNA hybridization reaction and non-crosslinking gold nanoparticles aggregation for the detection of amantadine. <i>Food Chemistry</i> , 2018, 257, 382-387.	8.2	23
64	A sensitive biosensor using double-layer capillary based immunomagnetic separation and invertase-nanocluster based signal amplification for rapid detection of foodborne pathogen. <i>Biosensors and Bioelectronics</i> , 2018, 100, 583-590.	10.1	49
65	Novel immunochromatographic assay based on Eu (III)-doped polystyrene nanoparticle-linker-monoclonal antibody for sensitive detection of Escherichia coli O157:H7. <i>Analytica Chimica Acta</i> , 2018, 998, 52-59.	5.4	41
66	Ultra-sensitive method based on time-resolved fluorescence immunoassay for detection of sulfamethazine in raw milk. <i>Food and Agricultural Immunology</i> , 2018, 29, 1137-1149.	1.4	15
67	Matrix effect of five kinds of meat on colloidal gold immunochromatographic assay for sulfamethazine detection. <i>Analytical Methods</i> , 2018, 10, 4505-4510.	2.7	16
68	Matrix effect of swine urine on time-resolved fluorescent nanobeads and colloidal gold immunochromatographic assay. <i>Food and Agricultural Immunology</i> , 2018, 29, 711-721.	1.4	15
69	Lateral flow immunoassay integrated with competitive and sandwich models for the detection of aflatoxin M1 and Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , 2018, 101, 8767-8777.	3.4	30
70	Hollow Au-Ag Nanoparticles Labeled Immunochromatography Strip for Highly Sensitive Detection of Clenbuterol. <i>Scientific Reports</i> , 2017, 7, 41419.	3.3	35
71	Comparison of immunochromatographic assays based on fluorescent microsphere and quantum-dot submicrobead for quantitative detection of aflatoxin M1 in milk. <i>Journal of Dairy Science</i> , 2017, 100, 2501-2511.	3.4	19
72	Ultrasensitive direct competitive FLISA using highly luminescent quantum dot beads for tuning affinity of competing antigens to antibodies. <i>Analytica Chimica Acta</i> , 2017, 972, 94-101.	5.4	34

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73	Development of a competitive immunochromatographic assay for the sensitive detection of amantadine in chicken muscle. <i>Food Chemistry</i> , 2017, 232, 770-776.	8.2	36
74	Comparison of 4 label-based immunochromatographic assays for the detection of <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2017, 100, 5176-5187.	3.4	49
75	Sensitive Detection of <i>Staphylococcus aureus</i> with Vancomycin-Conjugated Magnetic Beads as Enrichment Carriers Combined with Flow Cytometry. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21464-21472.	8.0	88
76	Fluorescent microspheres lateral flow assay for sensitive detection of the milk allergen casein. <i>Food and Agricultural Immunology</i> , 2017, 28, 1017-1028.	1.4	18
77	Advantages of time-resolved fluorescent nanobeads compared with fluorescent submicrospheres, quantum dots, and colloidal gold as label in lateral flow assays for detection of ractopamine. <i>Biosensors and Bioelectronics</i> , 2017, 91, 95-103.	10.1	127
78	Rapid and sensitive detection of <i>Salmonella enteritidis</i> by a pre-concentrated immunochromatographic assay in a large-volume sample system. <i>RSC Advances</i> , 2017, 7, 55141-55147.	3.6	15
79	Fluorescent microsphere immunochromatographic assays for detecting bone alkaline phosphatase based on bilayer interferometry-selected antibody. <i>RSC Advances</i> , 2017, 7, 32952-32959.	3.6	14
80	Sextuplex PCR combined with immunomagnetic separation and PMA treatment for rapid detection and specific identification of viable <i>Salmonella</i> spp., <i>Salmonella enterica</i> serovars Paratyphi B, <i>Salmonella</i> Typhimurium, and <i>Salmonella</i> Enteritidis in raw meat. <i>Food Control</i> , 2017, 73, 587-594.	5.5	40
81	Strategy for Accurate Detection of <i>Escherichia coli</i> O157:H7 in Ground Pork Using a Lateral Flow Immunoassay. <i>Sensors</i> , 2017, 17, 753.	3.8	9
82	Short communication: A novel method using immunomagnetic separation with a fluorescent nanobeads lateral flow assay for the rapid detection of low-concentration <i>Escherichia coli</i> O157:H7 in raw milk. <i>Journal of Dairy Science</i> , 2016, 99, 9581-9585.	3.4	26
83	Sensitive detection of <i>Escherichia coli</i> O157:H7 based on cascade signal amplification in ELISA. <i>Journal of Dairy Science</i> , 2016, 99, 7025-7032.	3.4	29
84	DNA-based hybridization chain reaction and biotin-streptavidin signal amplification for sensitive detection of <i>Escherichia coli</i> O157:H7 through ELISA. <i>Biosensors and Bioelectronics</i> , 2016, 86, 990-995.	10.1	97
85	A novel fluorescence immunoassay for the sensitive detection of <i>Escherichia coli</i> O157:H7 in milk based on catalase-mediated fluorescence quenching of CdTe quantum dots. <i>Analytica Chimica Acta</i> , 2016, 947, 50-57.	5.4	56
86	Nanospherical Brush as Catalase Container for Enhancing the Detection Sensitivity of Competitive Plasmonic ELISA. <i>Analytical Chemistry</i> , 2016, 88, 1951-1958.	6.5	61
87	Quantitative detection of β -adrenergic agonists using fluorescence quenching by immunochromatographic assay. <i>Analytical Methods</i> , 2016, 8, 627-631.	2.7	21
88	Development of a one-step immunochromatographic assay with two cutoff values of aflatoxin M1. <i>Food Control</i> , 2016, 63, 11-14.	5.5	14
89	Membrane-based lateral flow immunochromatographic strip with nanoparticles as reporters for detection: A review. <i>Biosensors and Bioelectronics</i> , 2016, 75, 166-180.	10.1	394
90	Developing a novel immunochromatographic test strip with gold magnetic bifunctional nanobeads (GMBN) for efficient detection of <i>Salmonella choleraesuis</i> in milk. <i>Food Control</i> , 2016, 59, 507-512.	5.5	78

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91	A sensitive impedance biosensor based on immunomagnetic separation and urease catalysis for rapid detection of <i>Listeria monocytogenes</i> using an immobilization-free interdigitated array microelectrode. <i>Biosensors and Bioelectronics</i> , 2015, 74, 504-511.	10.1	96
92	A remarkable sensitivity enhancement in a gold nanoparticle-based lateral flow immunoassay for the detection of <i>Escherichia coli</i> O157:H7. <i>RSC Advances</i> , 2015, 5, 45092-45097.	3.6	60
93	Novel Strategies To Enhance Lateral Flow Immunoassay Sensitivity for Detecting Foodborne Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 745-753.	5.2	146
94	Development of colloidal gold immunochromatographic signal-amplifying system for ultrasensitive detection of <i>Escherichia coli</i> O157:H7 in milk. <i>RSC Advances</i> , 2015, 5, 62300-62305.	3.6	56
95	Dual gold nanoparticle lateflow immunoassay for sensitive detection of <i>Escherichia coli</i> O157:H7. <i>Analytica Chimica Acta</i> , 2015, 876, 71-76.	5.4	64
96	Hierarchical Flowerlike Gold Nanoparticles Labeled Immunochromatography Test Strip for Highly Sensitive Detection of <i>Escherichia coli</i> O157:H7. <i>Langmuir</i> , 2015, 31, 5537-5544.	3.5	118
97	A fluorescence immunochromatographic assay for rapid and sensitive detection of human prealbumin in serum. <i>Analytical Methods</i> , 2015, 7, 8683-8688.	2.7	5
98	A modified lateral flow immunoassay for the detection of trace aflatoxin M1 based on immunomagnetic nanobeads with different antibody concentrations. <i>Food Control</i> , 2015, 51, 218-224.	5.5	64
99	Rapid detection method for aflatoxin B1 in soybean sauce based on fluorescent microspheres probe. <i>Food Control</i> , 2015, 50, 659-662.	5.5	40
100	Rapid pretreatment and detection of trace aflatoxin B1 in traditional soybean sauce. <i>Food Chemistry</i> , 2014, 150, 99-105.	8.2	27
101	Advantages of fluorescent microspheres compared with colloidal gold as a label in immunochromatographic lateral flow assays. <i>Biosensors and Bioelectronics</i> , 2014, 54, 262-265.	10.1	161
102	Sulfonated polystyrene magnetic nanobeads coupled with immunochromatographic strip for clenbuterol determination in pork muscle. <i>Talanta</i> , 2014, 129, 431-437.	5.5	34
103	Improvement of the stability of immunochromatographic assay for the quantitative detection of clenbuterol in swine urine. <i>Analytical Methods</i> , 2014, 6, 7394-7398.	2.7	18
104	Rapid and accurate detection of viable <i>Escherichia coli</i> O157:H7 in milk using a combined IMS, sodium deoxycholate, PMA and real-time quantitative PCR process. <i>Food Control</i> , 2014, 36, 119-125.	5.5	47
105	Immunomagnetic nanobeads based on a streptavidin-biotin system for the highly efficient and specific separation of <i>Listeria monocytogenes</i> . <i>Food Control</i> , 2014, 45, 138-142.	5.5	53
106	A homogeneous immunosensor for AFB1 detection based on FRET between different-sized quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 56, 144-150.	10.1	91
107	Development of an immunomagnetic separation method for efficient enrichment of <i>Escherichia coli</i> O157:H7. <i>Food Control</i> , 2014, 37, 41-45.	5.5	56
108	Rapid Detection of Aflatoxin M1 by Immunochromatography Combined with Enrichment Based on Immunomagnetic Nanobead. <i>Chinese Journal of Analytical Chemistry</i> , 2014, 42, 654-659.	1.7	25

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109	Monoclonal antibody-based enzyme-linked immunosorbent assay for detection of total malachite green and crystal violet residues in fishery products. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 959-969.	3.3	18
110	Establishing of a Method Combined Immunomagnetic Separation with Colloidal Gold Lateral Flow Assay and Its Application in Rapid Detection of <i>Escherichia coli</i> O157:H7. <i>Chinese Journal of Analytical Chemistry</i> , 2013, 41, 1812-1816.	1.7	29
111	Ru(phen) ₃ ²⁺ doped silica nanoparticle based immunochromatographic strip for rapid quantitative detection of β -agonist residues in swine urine. <i>Talanta</i> , 2013, 114, 160-166.	5.5	51
112	Development of an immunochromatographic assay for rapid and quantitative detection of clenbuterol in swine urine. <i>Food Control</i> , 2013, 34, 725-732.	5.5	79
113	Fluorescent Ru(phen) ₃ ²⁺ -Doped Silica Nanoparticles-Based ICTS Sensor for Quantitative Detection of Enrofloxacin Residues in Chicken Meat. <i>Analytical Chemistry</i> , 2013, 85, 5120-5128.	6.5	103
114	Quantum dots-based system for the detection of bacteria in drinking water. , 2012, , .		1
115	Development of a propidium monoazide treatment combined with loop-mediated isothermal amplification (PMA $\hat{=}$ LAMP) assay for rapid detection of viable <i>Listeria monocytogenes</i> . <i>International Journal of Food Science and Technology</i> , 2012, 47, 2460-2467.	2.7	31
116	AN IMMUNOASSAY FOR DETERMINING AFLATOXIN B ₁ USING A RECOMBINANT PHAGE AS A NONTOXIC COATING CONJUGATE. <i>Journal of Food Safety</i> , 2012, 32, 318-325.	2.3	11
117	Quantum dots-based lateral flow strip assay for rapid detection of clenbuterol. , 2011, , .		1
118	Development of a colloidal gold strip for rapid detection of ochratoxin A with mimotope peptide. <i>Food Control</i> , 2009, 20, 791-795.	5.5	72
119	Development of a lateral-flow assay for rapid screening of the performance-enhancing sympathomimetic drug clenbuterol used in animal production; food safety assessments. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2007, 16 Suppl 1, 106-10.	0.4	1