

Wei-Hua Lai

List of Publications by Year in descending order

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119
papers

5,468
citations

50170

46
h-index

95083

68
g-index

119
all docs

119
docs citations

119
times ranked

4160
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane-based lateral flow immunochromatographic strip with nanoparticles as reporters for detection: A review. <i>Biosensors and Bioelectronics</i> , 2016, 75, 166-180.	5.3	394
2	Ultra-sensitive and high-throughput CRISPR-powered COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112316.	5.3	265
3	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.	5.3	161
4	Novel Strategies To Enhance Lateral Flow Immunoassay Sensitivity for Detecting Foodborne Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 745-753.	2.4	146
5	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.	4.0	132
6	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.	5.3	127
7	Quantum dot nanobead-based multiplexed immunochromatographic assay for simultaneous detection of aflatoxin B1 and zearalenone. <i>Analytica Chimica Acta</i> , 2018, 1025, 163-171.	2.6	127
8	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.	1.6	118
9	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.	3.2	103
10	A novel method based on fluorescent magnetic nanobeads for rapid detection of <i>Escherichia coli</i> O157:H7. <i>Food Chemistry</i> , 2019, 276, 333-341.	4.2	103
11	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.	5.3	97
12	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.	5.3	96
13	A homogeneous immunosensor for AFB1 detection based on FRET between different-sized quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 56, 144-150.	5.3	91
14	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.	4.0	88
15	Nanozyme-based lateral flow assay for the sensitive detection of <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2018, 101, 5770-5779.	1.4	86
16	Emerging design strategies for constructing multiplex lateral flow test strip sensors. <i>Biosensors and Bioelectronics</i> , 2020, 157, 112168.	5.3	84
17	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.	4.0	83
18	Development of an immunochromatographic assay for rapid and quantitative detection of clenbuterol in swine urine. <i>Food Control</i> , 2013, 34, 725-732.	2.8	79

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19	Developing a novel immunochromatographic test strip with gold magnetic bifunctional nanobeads (GMBN) for efficient detection of Salmonella choleraesuis in milk. <i>Food Control</i> , 2016, 59, 507-512.	2.8	78
20	Emerging strategies to develop sensitive AuNP-based ICTS nanosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 147-160.	5.8	77
21	Development of a colloidal gold strip for rapid detection of ochratoxin A with mimotope peptide. <i>Food Control</i> , 2009, 20, 791-795.	2.8	72
22	Ultrabright fluorescent microsphere and its novel application for improving the sensitivity of immunochromatographic assay. <i>Biosensors and Bioelectronics</i> , 2019, 135, 173-180.	5.3	71
23	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.	3.2	68
24	Developmental trend of immunoassays for monitoring hazards in food samples: A review. <i>Trends in Food Science and Technology</i> , 2021, 111, 68-88.	7.8	68
25	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.	2.4	65
26	Dual gold nanoparticle lateflow immunoassay for sensitive detection of Escherichia coli O157:H7. <i>Analytica Chimica Acta</i> , 2015, 876, 71-76.	2.6	64
27	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.	2.8	64
28	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.	4.0	63
29	Nanospherical Brush as Catalase Container for Enhancing the Detection Sensitivity of Competitive Plasmonic ELISA. <i>Analytical Chemistry</i> , 2016, 88, 1951-1958.	3.2	61
30	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.	2.4	61
31	Recent advances of lateral flow immunoassay for mycotoxins detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116087.	5.8	61
32	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.	4.0	61
33	A remarkable sensitivity enhancement in a gold nanoparticle-based lateral flow immunoassay for the detection of Escherichia coli O157:H7. <i>RSC Advances</i> , 2015, 5, 45092-45097.	1.7	60
34	Synthesis of PDA-Mediated Magnetic Bimetallic Nanozyme and Its Application in Immunochromatographic Assay. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1413-1423.	4.0	58
35	Development of an immunomagnetic separation method for efficient enrichment of Escherichia coli O157:H7. <i>Food Control</i> , 2014, 37, 41-45.	2.8	56
36	Development of colloidal gold immunochromatographic signal-amplifying system for ultrasensitive detection of Escherichia coli O157:H7 in milk. <i>RSC Advances</i> , 2015, 5, 62300-62305.	1.7	56

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37	A novel fluorescence immunoassay for the sensitive detection of Escherichia coli O157:H7 in milk based on catalase-mediated fluorescence quenching of CdTe quantum dots. <i>Analytica Chimica Acta</i> , 2016, 947, 50-57.	2.6	56
38	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.	2.8	53
39	Novel ELISA based on fluorescent quenching of DNA-stabilized silver nanoclusters for detecting <i>E. coli</i> O157:H7. <i>Food Chemistry</i> , 2019, 281, 91-96.	4.2	53
40	Ru(phen) ₃ ²⁺ doped silica nanoparticle based immunochromatographic strip for rapid quantitative detection of Î²-agonist residues in swine urine. <i>Talanta</i> , 2013, 114, 160-166.	2.9	51
41	Application and development of superparamagnetic nanoparticles in sample pretreatment and immunochromatographic assay. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 151-170.	5.8	51
42	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.	2.8	51
43	Biotin-exposure-based immunomagnetic separation coupled with nucleic acid lateral flow biosensor for visibly detecting viable <i>Listeria monocytogenes</i> . <i>Analytica Chimica Acta</i> , 2018, 1017, 48-56.	2.6	50
44	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.	1.4	49
45	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.	5.3	49
46	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.	2.8	47
47	Supramolecular Recognitionâ€Mediated Layerâ€byâ€Layer Selfâ€Assembled Gold Nanoparticles for Customized Sensitivity in Paperâ€Based Strip Nanobiosensors. <i>Small</i> , 2019, 15, e1903861.	5.2	47
48	Gold nanorods etching-based plasmonic immunoassay for qualitative and quantitative detection of aflatoxin M1 in milk. <i>Food Chemistry</i> , 2020, 329, 127160.	4.2	44
49	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.	6.5	43
50	Novel immunochromatographic assay based on Eu (III)-doped polystyrene nanoparticle-linker-monoclonal antibody for sensitive detection of <i>Escherichia coli</i> O157:H7. <i>Analytica Chimica Acta</i> , 2018, 998, 52-59.	2.6	41
51	Ensuring food safety using fluorescent nanoparticles-based immunochromatographic test strips. <i>Trends in Food Science and Technology</i> , 2021, 118, 658-678.	7.8	41
52	Rapid detection method for aflatoxin B1 in soybean sauce based on fluorescent microspheres probe. <i>Food Control</i> , 2015, 50, 659-662.	2.8	40
53	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.	2.8	40
54	Urease-induced metallization of gold nanorods for the sensitive detection of <i>Salmonella enterica</i> <i>Choleraesuis</i> through colorimetric ELISA. <i>Journal of Dairy Science</i> , 2019, 102, 1997-2007.	1.4	37

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55	Development of a competitive immunochromatographic assay for the sensitive detection of amantadine in chicken muscle. <i>Food Chemistry</i> , 2017, 232, 770-776.	4.2	36
56	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.	4.0	36
57	Hollow Au-Ag Nanoparticles Labeled Immunochromatography Strip for Highly Sensitive Detection of Clenbuterol. <i>Scientific Reports</i> , 2017, 7, 41419.	1.6	35
58	Sulfonated polystyrene magnetic nanobeads coupled with immunochromatographic strip for clenbuterol determination in pork muscle. <i>Talanta</i> , 2014, 129, 431-437.	2.9	34
59	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.	2.6	34
60	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.	4.0	33
61	Development of a propidium monoazide treatment combined with loop-mediated isothermal amplification (PMA-LAMP) assay for rapid detection of viable <i>Listeria monocytogenes</i> . <i>International Journal of Food Science and Technology</i> , 2012, 47, 2460-2467.	1.3	31
62	Lateral flow immunoassay integrated with competitive and sandwich models for the detection of aflatoxin M1 and <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2018, 101, 8767-8777.	1.4	30
63	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.	0.9	29
64	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.	1.4	29
65	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.	5.3	29
66	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.	2.4	28
67	Rapid pretreatment and detection of trace aflatoxin B1 in traditional soybean sauce. <i>Food Chemistry</i> , 2014, 150, 99-105.	4.2	27
68	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.	1.4	26
69	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.	0.9	25
70	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.	4.0	25
71	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.	1.4	24
72	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.	1.4	24

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73	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.	4.2	23
74	Silver nanoprism-based plasmonic ELISA for sensitive detection of fluoroquinolones. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3667-3675.	2.9	22
75	Quantitative detection of \hat{I}^2 -adrenergic agonists using fluorescence quenching by immunochromatographic assay. <i>Analytical Methods</i> , 2016, 8, 627-631.	1.3	21
76	Using hapten cross-reactivity to screen heterologous competitive antigens for improving the sensitivity of ELISA. <i>Food Chemistry</i> , 2020, 303, 125379.	4.2	21
77	Sensitive tracking of circulating viral RNA through all stages of SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	21
78	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.	2.9	20
79	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.	4.2	20
80	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.	1.4	19
81	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.	1.8	18
82	Improvement of the stability of immunochromatographic assay for the quantitative detection of clenbuterol in swine urine. <i>Analytical Methods</i> , 2014, 6, 7394-7398.	1.3	18
83	Fluorescent microspheres lateral flow assay for sensitive detection of the milk allergen casein. <i>Food and Agricultural Immunology</i> , 2017, 28, 1017-1028.	0.7	18
84	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.	0.7	18
85	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.	4.2	18
86	Matrix effect of five kinds of meat on colloidal gold immunochromatographic assay for sulfamethazine detection. <i>Analytical Methods</i> , 2018, 10, 4505-4510.	1.3	16
87	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.	1.7	15
88	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.	0.7	15
89	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.	0.7	15
90	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.	1.4	15

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91	Development of a one-step immunochromatographic assay with two cutoff values of aflatoxin M1. <i>Food Control</i> , 2016, 63, 11-14.	2.8	14
92	Fluorescent microsphere immunochromatographic assays for detecting bone alkaline phosphatase based on biolayer interferometry-selected antibody. <i>RSC Advances</i> , 2017, 7, 32952-32959.	1.7	14
93	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.	1.7	13
94	Sensitive immunoassays based on a monoclonal antibody for detection of marbofloxacin in milk. <i>Journal of Dairy Science</i> , 2020, 103, 7791-7800.	1.4	12
95	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.	1.1	11
96	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.	0.7	11
97	Integrated immunochromatographic assay for qualitative and quantitative detection of clenbuterol. <i>Analytical Biochemistry</i> , 2019, 577, 45-51.	1.1	11
98	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.	1.3	11
99	Sensitive and hook effect-free lateral flow assay integrated with cascade signal transduction system. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128465.	4.0	11
100	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.	4.0	11
101	I ² /I ⁰ -mediated fluorescence quenching of an Ag ⁺ -doped gold nanocluster-based immunoassay for sensitive detection of Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , 2022, 105, 2922-2930.	1.4	10
102	Strategy for Accurate Detection of Escherichia coli O157:H7 in Ground Pork Using a Lateral Flow Immunoassay. <i>Sensors</i> , 2017, 17, 753.	2.1	9
103	Preparation of an Antidanofloxacin Monoclonal Antibody and Development of Immunoassays for Detecting Danofloxacin in Meat. <i>ACS Omega</i> , 2020, 5, 667-673.	1.6	8
104	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.	6.5	8
105	Fluorescence immunoassay through histone-ds-poly(AT)-templated copper nanoparticles as signal transducers for the sensitive detection of Salmonella choleraesuis in milk. <i>Journal of Dairy Science</i> , 2019, 102, 6047-6055.	1.4	7
106	Glucose oxidase-induced colorimetric immunoassay for qualitative detection of danofloxacin based on iron (â€¦) chelation reaction with phenanthroline. <i>Food Chemistry</i> , 2020, 328, 127099.	4.2	7
107	Development of a signal-enhanced LFIA based on tyramine-induced AuNPs aggregation for sensitive detection of danofloxacin. <i>Food Chemistry</i> , 2022, 375, 131875.	4.2	7
108	Detection of stx1 and stx2 and subtyping of Shiga toxin-producing Escherichia coli using asymmetric PCR combined with lateral flow immunoassay. <i>Food Control</i> , 2021, 126, 108051.	2.8	6

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109	Quantum dot nanobead immunochromatographic assay based on bispecific monoclonal antibody for the simultaneous detection of aflatoxin B ₁ and amantadine. Food and Agricultural Immunology, 2022, 33, 403-418.	0.7	6
110	A fluorescence immunochromatographic assay for rapid and sensitive detection of human prealbumin in serum. Analytical Methods, 2015, 7, 8683-8688.	1.3	5
111	Silver Nanoplates and Gold Nanospheres as Probes for Revealing an Interference Phenomenon in a Simultaneous Quantitative Immunochromatographic Assay. Food Analytical Methods, 2019, 12, 1666-1673.	1.3	5
112	Dual signal insight: field-efficient qualitative/quantitative detection of sulphamethazine in raw milk. Food and Agricultural Immunology, 2019, 30, 163-177.	0.7	3
113	Dual-mode immunoassay system based on glucose oxidase-triggered Fenton reaction for qualitative and quantitative detection of danofloxacin in milk. Journal of Dairy Science, 2020, 103, 7826-7833.	1.4	3
114	Intelligently identifiable membrane immuno chip sensor based on Braille-like code for simultaneous multi-veterinary drug detection. Sensors and Actuators B: Chemical, 2022, 359, 131571.	4.0	3
115	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. Foods, 2022, 11, 1564.	1.9	2
116	Two-step aggregation of gold nanoparticles based on charge neutralization for detection of melamine by colorimetric and surface-enhanced Raman spectroscopy platform. Journal of Dairy Science, 2022, 105, 7298-7307.	1.4	2
117	Quantum dots-based lateral flow strip assay for rapid detection of clenbuterol. , 2011, , .		1
118	Quantum dots-based system for the detection of bacteria in drinking water. , 2012, , .		1
119	Development of a lateral-flow assay for rapid screening of the performance-enhancing sympathomimetic drug clenbuterol used in animal production; food safety assessments. Asia Pacific Journal of Clinical Nutrition, 2007, 16 Suppl 1, 106-10.	0.3	1