

# Wei-Hua Lai

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6847869/wei-hua-lai-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

3,716  
citations

35  
h-index

56  
g-index

119  
ext. papers

4,587  
ext. citations

6.7  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
115	Membrane-based lateral flow immunochromatographic strip with nanoparticles as reporters for detection: A review. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 166-80	11.8	302
114	Ultra-sensitive and high-throughput CRISPR-p owered COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 164, 112316	11.8	175
113	Advantages of fluorescent microspheres compared with colloidal gold as a label in immunochromatographic lateral flow assays. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 262-5	11.8	129
112	Novel strategies to enhance lateral flow immunoassay sensitivity for detecting foodborne pathogens. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 745-53	5.7	117
111	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> , <b>2017</b> , 91, 95-103	11.8	94
110	Hierarchical Flowerlike Gold Nanoparticles Labeled Immunochromatography Test Strip for Highly Sensitive Detection of Escherichia coli O157:H7. <i>Langmuir</i> , <b>2015</b> , 31, 5537-44	4	91
109	Fluorescent Ru(phen) <sub>3</sub> (2+)-doped silica nanoparticles-based ICTS sensor for quantitative detection of enrofloxacin residues in chicken meat. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 5120-8	7.8	91
108	Quantum dot nanobead-based multiplexed immunochromatographic assay for simultaneous detection of aflatoxin B and zearalenone. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1025, 163-171	6.6	87
107	A homogeneous immunosensor for AFB1 detection based on FRET between different-sized quantum dots. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 56, 144-50	11.8	83
106	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> , <b>2015</b> , 74, 504-11	11.8	81
105	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> , <b>2016</b> , 86, 990-995	11.8	80
104	Development of an immunochromatographic assay for rapid and quantitative detection of clenbuterol in swine urine. <i>Food Control</i> , <b>2013</b> , 34, 725-732	6.2	69
103	Development of a colloidal gold strip for rapid detection of ochratoxin A with mimotope peptide. <i>Food Control</i> , <b>2009</b> , 20, 791-795	6.2	68
102	Lateral Flow Immunoassay Based on Polydopamine-Coated Gold Nanoparticles for the Sensitive Detection of Zearalenone in Maize. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31283-31290	9.5	67
101	A novel method based on fluorescent magnetic nanobeads for rapid detection of <i>Escherichia coli</i> O157:H7. <i>Food Chemistry</i> , <b>2019</b> , 276, 333-341	8.5	65
100	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> , <b>2016</b> , 59, 507-512	6.2	61
99	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> , <b>2018</b> , 267, 320-327	8.5	60

98	Sensitive Detection of Staphylococcus aureus with Vancomycin-Conjugated Magnetic Beads as Enrichment Carriers Combined with Flow Cytometry. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21464-21472	9.5	58
97	Dual gold nanoparticle lateflow immunoassay for sensitive detection of Escherichia coli O157:H7. <i>Analytica Chimica Acta</i> , <b>2015</b> , 876, 71-6	6.6	56
96	Nanozyme-based lateral flow assay for the sensitive detection of Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 5770-5779	4	55
95	Nanospherical Brush as Catalase Container for Enhancing the Detection Sensitivity of Competitive Plasmonic ELISA. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1951-8	7.8	54
94	A remarkable sensitivity enhancement in a gold nanoparticle-based lateral flow immunoassay for the detection of Escherichia coli O157:H7. <i>RSC Advances</i> , <b>2015</b> , 5, 45092-45097	3.7	51
93	Emerging strategies to develop sensitive AuNP-based ICTS nanosensors. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 112, 147-160	14.6	50
92	A modified lateral flow immunoassay for the detection of trace aflatoxin M1 based on immunomagnetic nanobeads with different antibody concentrations. <i>Food Control</i> , <b>2015</b> , 51, 218-224	6.2	50
91	Development of an immunomagnetic separation method for efficient enrichment of Escherichia coli O157:H7. <i>Food Control</i> , <b>2014</b> , 37, 41-45	6.2	50
90	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> , <b>2016</b> , 947, 50-57	6.6	47
89	Immunomagnetic nanobeads based on a streptavidin-biotin system for the highly efficient and specific separation of Listeria monocytogenes. <i>Food Control</i> , <b>2014</b> , 45, 138-142	6.2	46
88	Rapid and accurate detection of viable Escherichia coli O157:H7 in milk using a combined IMS, sodium deoxycholate, PMA and real-time quantitative PCR process. <i>Food Control</i> , <b>2014</b> , 36, 119-125	6.2	45
87	Ru(phen) <sub>3</sub> (2+) doped silica nanoparticle based immunochromatographic strip for rapid quantitative detection of Egonist residues in swine urine. <i>Talanta</i> , <b>2013</b> , 114, 160-6	6.2	44
86	Development of colloidal gold immunochromatographic signal-amplifying system for ultrasensitive detection of Escherichia coli O157:H7 in milk. <i>RSC Advances</i> , <b>2015</b> , 5, 62300-62305	3.7	43
85	Comparison of 4 label-based immunochromatographic assays for the detection of Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 5176-5187	4	41
84	Emerging design strategies for constructing multiplex lateral flow test strip sensors. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 157, 112168	11.8	40
83	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> , <b>2019</b> , 67, 9390-9398	5.7	38
82	Biotin-exposure-based immunomagnetic separation coupled with nucleic acid lateral flow biosensor for visibly detecting viable Listeria monocytogenes. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1017, 48-56	6.6	37
81	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> , <b>2018</b> , 100, 583-590	11.8	37

80	Application and development of superparamagnetic nanoparticles in sample pretreatment and immunochromatographic assay. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 151-170	14.6	34
79	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> , <b>2019</b> , 67, 3028-3036	5.7	34
78	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> , <b>2018</b> , 998, 52-59	6.6	34
77	Ultrabright fluorescent microsphere and its novel application for improving the sensitivity of immunochromatographic assay. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 135, 173-180	11.8	32
76	Rapid detection method for aflatoxin B1 in soybean sauce based on fluorescent microspheres probe. <i>Food Control</i> , <b>2015</b> , 50, 659-662	6.2	32
75	Green Enzyme-Linked Immunosorbent Assay Based on the Single-Stranded Binding Protein-Assisted Aptamer for the Detection of Mycotoxin. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8422-8426	7.8	32
74	Lateral flow immunoassays combining enrichment and colorimetry-fluorescence quantitative detection of sulfamethazine in milk based on trifunctional magnetic nanobeads. <i>Food Control</i> , <b>2019</b> , 98, 268-273	6.2	32
73	Engineered gold nanoparticles as multicolor labels for simultaneous multi-mycotoxin detection on the immunochromatographic test strip nanosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 316, 128107	8.5	31
72	Novel ELISA based on fluorescent quenching of DNA-stabilized silver nanoclusters for detecting E. coli O157:H7. <i>Food Chemistry</i> , <b>2019</b> , 281, 91-96	8.5	31
71	Sulfonated polystyrene magnetic nanobeads coupled with immunochromatographic strip for clenbuterol determination in pork muscle. <i>Talanta</i> , <b>2014</b> , 129, 431-7	6.2	29
70	Sextuplex PCR combined with immunomagnetic separation and PMA treatment for rapid detection and specific identification of viable Salmonella spp., Salmonella enterica serovars Paratyphi B, Salmonella Typhimurium, and Salmonella Enteritidis in raw meat. <i>Food Control</i> , <b>2017</b> , 73, 587-594	6.2	29
69	Development of a competitive immunochromatographic assay for the sensitive detection of amantadine in chicken muscle. <i>Food Chemistry</i> , <b>2017</b> , 232, 770-776	8.5	28
68	Hollow Au-Ag Nanoparticles Labeled Immunochromatography Strip for Highly Sensitive Detection of Clenbuterol. <i>Scientific Reports</i> , <b>2017</b> , 7, 41419	4.9	27
67	Ultrasensitive direct competitive FLISA using highly luminescent quantum dot beads for tuning affinity of competing antigens to antibodies. <i>Analytica Chimica Acta</i> , <b>2017</b> , 972, 94-101	6.6	27
66	Establishing of a Method Combined Immunomagnetic Separation with Colloidal Gold Lateral Flow Assay and Its Application in Rapid Detection of Escherichia coli O157:H7. <i>Chinese Journal of Analytical Chemistry</i> , <b>2013</b> , 41, 1812-1816	1.6	26
65	Urease-induced metallization of gold nanorods for the sensitive detection of Salmonella enterica Choleraesuis through colorimetric ELISA. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1997-2007	4	26
64	Rapid pretreatment and detection of trace aflatoxin B1 in traditional soybean sauce. <i>Food Chemistry</i> , <b>2014</b> , 150, 99-105	8.5	25
63	Development of a propidium monoazide treatment combined with loop-mediated isothermal amplification (PMA-LAMP) assay for rapid detection of viable Listeria monocytogenes. <i>International Journal of Food Science and Technology</i> , <b>2012</b> , 47, 2460-2467	3.8	25

62	Recent advances of lateral flow immunoassay for mycotoxins detection. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 133, 116087	14.6	25
61	A fluorescent cascade amplification method for sensitive detection of Salmonella based on magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles and hybridization chain reaction. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 279, 31-37	8.5	25
60	Gold nanorods etching-based plasmonic immunoassay for qualitative and quantitative detection of aflatoxin M1 in milk. <i>Food Chemistry</i> , <b>2020</b> , 329, 127160	8.5	24
59	Rapid Detection of Aflatoxin M1 by Immunochromatography Combined with Enrichment Based on Immunomagnetic Nanobead. <i>Chinese Journal of Analytical Chemistry</i> , <b>2014</b> , 42, 654-659	1.6	23
58	Short communication: A novel method using immunomagnetic separation with a fluorescent nanobeads lateral flow assay for the rapid detection of low-concentration Escherichia coli O157:H7 in raw milk. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 9581-9585	4	22
57	Sensitive detection of Escherichia coli O157:H7 based on cascade signal amplification in ELISA. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 7025-7032	4	20
56	Specific colorimetric ELISA method based on DNA hybridization reaction and non-crosslinking gold nanoparticles aggregation for the detection of amantadine. <i>Food Chemistry</i> , <b>2018</b> , 257, 382-387	8.5	19
55	Supramolecular Recognition-Mediated Layer-by-Layer Self-Assembled Gold Nanoparticles for Customized Sensitivity in Paper-Based Strip Nanobiosensors. <i>Small</i> , <b>2019</b> , 15, e1903861	11	19
54	Lateral flow immunoassay integrated with competitive and sandwich models for the detection of aflatoxin M and Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8767-8777	4	18
53	Invited review: Advancements in lateral flow immunoassays for screening hazardous substances in milk and milk powder. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1887-1900	4	17
52	Improvement of the stability of immunochromatographic assay for the quantitative detection of clenbuterol in swine urine. <i>Analytical Methods</i> , <b>2014</b> , 6, 7394-7398	3.2	17
51	Comparison of immunochromatographic assays based on fluorescent microsphere and quantum-dot submicrobead for quantitative detection of aflatoxin M in milk. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 2501-2511	4	16
50	Gold Nanoflower-Enhanced Dynamic Light Scattering Immunosensor for the Ultrasensitive No-Wash Detection of O157:H7 in Milk. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 9104-9111	5.7	16
49	Developmental trend of immunoassays for monitoring hazards in food samples: A review. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 111, 68-88	15.3	16
48	Synthesis of PDA-Mediated Magnetic Bimetallic Nanozyme and Its Application in Immunochromatographic Assay. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 1413-1423	9.5	16
47	Quantitative detection of $\alpha$ -adrenergic agonists using fluorescence quenching by immunochromatographic assay. <i>Analytical Methods</i> , <b>2016</b> , 8, 627-631	3.2	15
46	Biosensing multiplexer based on immunochromatographic assay for rapid and high-throughput classification of Salmonella serogroups. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 282, 317-321	8.5	15
45	Fluorescent microspheres lateral flow assay for sensitive detection of the milk allergen casein. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 1017-1028	2.9	14

44	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> , <b>2013</b> , 93, 959-969	1.8	13
43	Improving the performance of upconversion nanoprobe-based lateral flow immunoassays by supramolecular self-assembly core/shell strategies. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 318, 128233	8.5	12
42	Development of a one-step immunochromatographic assay with two cutoff values of aflatoxin M1. <i>Food Control</i> , <b>2016</b> , 63, 11-14	6.2	12
41	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> , <b>2019</b> , 102, 6037-6046	4	11
40	Controlled copper in situ growth-amplified lateral flow sensors for sensitive, reliable, and field-deployable infectious disease diagnostics. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 171, 112753	11.8	11
39	Matrix effect of swine urine on time-resolved fluorescent nanobeads and colloidal gold immunochromatographic assay. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 711-721	2.9	10
38	Matrix effect of five kinds of meat on colloidal gold immunochromatographic assay for sulfamethazine detection. <i>Analytical Methods</i> , <b>2018</b> , 10, 4505-4510	3.2	9
37	Aggregation-induced emission-based competitive lateral flow immunoassay for rapid detection of sulfamethazine in honey. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1303-1317	2.9	9
36	AN IMMUNOASSAY FOR DETERMINING AFLATOXIN B1 USING A RECOMBINANT PHAGE AS A NONTOXIC COATING CONJUGATE. <i>Journal of Food Safety</i> , <b>2012</b> , 32, 318-325	2	9
35	Strategy for Accurate Detection of Escherichia Coli O157:H7 in Ground Pork Using a Lateral Flow Immunoassay. <i>Sensors</i> , <b>2017</b> , 17,	3.8	9
34	Integrated gold superparticles into lateral flow immunoassays for the rapid and sensitive detection of Escherichia coli O157:H7 in milk. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 6940-6949	4	9
33	Ensuring food safety using fluorescent nanoparticles-based immunochromatographic test strips. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 118, 658-658	15.3	9
32	Using hapten cross-reactivity to screen heterologous competitive antigens for improving the sensitivity of ELISA. <i>Food Chemistry</i> , <b>2020</b> , 303, 125379	8.5	9
31	Ultra-sensitive method based on time-resolved fluorescence immunoassay for detection of sulfamethazine in raw milk. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 1137-1149	2.9	9
30	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> , <b>2021</b> , 343, 130139	8.5	9
29	Silver nanoprism-based plasmonic ELISA for sensitive detection of fluoroquinolones. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 3667-3675	7.3	8
28	Rapid and sensitive detection of Salmonella enteritidis by a pre-concentrated immunochromatographic assay in a large-volume sample system. <i>RSC Advances</i> , <b>2017</b> , 7, 55141-55147	3.7	8
27	Fluorescent microsphere immunochromatographic assays for detecting bone alkaline phosphatase based on biolayer interferometry-selected antibody. <i>RSC Advances</i> , <b>2017</b> , 7, 32952-32959	3.7	8

26	Sensitive tracking of circulating viral RNA through all stages of SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	8
25	Immuno-chromatographic 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> , <b>2021</b> , 101, 684-692	4.3	8
24	Immuno-HCR based on contact quenching and fluorescence resonance energy transfer for sensitive and low background detection of Escherichia coli O157:H7. <i>Food Chemistry</i> , <b>2021</b> , 334, 127568	8.5	8
23	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> , <b>2019</b> , 102, 6047-6055	4	7
22	Glucose oxidase-induced colorimetric immunoassay for qualitative detection of danofloxacin based on iron (II) chelation reaction with phenanthroline. <i>Food Chemistry</i> , <b>2020</b> , 328, 127099	8.5	7
21	Sensitive and hook effect-free lateral flow assay integrated with cascade signal transduction system. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 321, 128465	8.5	7
20	Reliable performance of aggregation-induced emission nanoparticle-based lateral flow assay for norfloxacin detection in nine types of animal-derived food. <i>Talanta</i> , <b>2020</b> , 219, 121245	6.2	7
19	Gold nanoflowers labelled lateral flow assay integrated with smartphone for highly sensitive detection of clenbuterol in swine urine. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1225-1238	2.9	6
18	Highly Specific Anti-tylosin Monoclonal Antibody and Its Application in the Quantum Dot Bead-Based Immuno-chromatographic Assay. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 2258-2268	3.4	6
17	Lateral flow immunoassay based on dual spectral-overlapped fluorescence quenching of polydopamine nanospheres for sensitive detection of Sulfamethazine. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127204	12.8	6
16	Silver Nanoplates and Gold Nanospheres as Probes for Revealing an Interference Phenomenon in a Simultaneous Quantitative Immuno-chromatographic Assay. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 1666-1673	3.4	4
15	Integrated immuno-chromatographic assay for qualitative and quantitative detection of clenbuterol. <i>Analytical Biochemistry</i> , <b>2019</b> , 577, 45-51	3.1	4
14	A fluorescence immuno-chromatographic assay for rapid and sensitive detection of human prealbumin in serum. <i>Analytical Methods</i> , <b>2015</b> , 7, 8683-8688	3.2	4
13	Sensitive immunoassays based on a monoclonal antibody for detection of marbofloxacin in milk. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 7791-7800	4	4
12	Preparation of an Antidanofloxacin Monoclonal Antibody and Development of Immunoassays for Detecting Danofloxacin in Meat. <i>ACS Omega</i> , <b>2020</b> , 5, 667-673	3.9	4
11	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> , <b>2021</b> , 126, 108051	6.2	4
10	Dual signal insight: field-efficient qualitative/quantitative detection of sulphamethazine in raw milk. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 163-177	2.9	3
9	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> , <b>2022</b> , 370, 131365	8.5	3

8	Chrysanthemum-like Au@Polydopamine synthesized using one-pot method and its advantage in immunochromatographic assay. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 343, 130097	8.5	3
7	I/I-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> , <b>2022</b> ,	4	2
6	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> , <b>2020</b> , 103, 7826-7833	4	1
5	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> , <b>2007</b> , 16 Suppl 1, 106-10	1	1
4	Intelligently identifiable membrane immunochip sensor based on Braille-like code for simultaneous multi-veterinary drug detection. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 359, 131571	8.5	1
3	A novel method based on Ag-Au nanorings with tunable plasmonic properties for the sensitive detection of amantadine.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 431, 128498	12.8	1
2	Development of a signal-enhanced LFIA based on tyramine-induced AuNPs aggregation for sensitive detection of danofloxacin.. <i>Food Chemistry</i> , <b>2021</b> , 375, 131875	8.5	0
1	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> , <b>2022</b> , 11, 1564	4.9	