

Wei Chen

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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.

126
papers

5,238
citations

42
h-index

69
g-index

127
ext. papers

5,829
ext. citations

7.4
avg, IF

5.48
L-index

#	Paper	IF	Citations
126	Smart electronic yarns and wearable fabrics for human biomonitoring made by carbon nanotube coating with polyelectrolytes. <i>Nano Letters</i> , 2008 , 8, 4151-7	11.5	447
125	Side-by-side and end-to-end gold nanorod assemblies for environmental toxin sensing. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5472-5	16.4	231
124	Simple, rapid, sensitive, and versatile SWNT-paper sensor for environmental toxin detection competitive with ELISA. <i>Nano Letters</i> , 2009 , 9, 4147-52	11.5	222
123	Nanoparticle superstructures made by polymerase chain reaction: collective interactions of nanoparticles and a new principle for chiral materials. <i>Nano Letters</i> , 2009 , 9, 2153-9	11.5	208
122	Fabricated aptamer-based electrochemical "signal-off" sensor of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 710-6	11.8	183
121	Ultrasensitive one-step rapid visual detection of bisphenol A in water samples by label-free aptasensor. <i>Biosensors and Bioelectronics</i> , 2013 , 39, 26-30	11.8	165
120	Fluorescent strip sensor for rapid determination of toxins. <i>Chemical Communications</i> , 2011 , 47, 1574-6	5.8	133
119	An aptamer-based chromatographic strip assay for sensitive toxin semi-quantitative detection. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3059-62	11.8	125
118	Crown ether assembly of gold nanoparticles: melamine sensor. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2032-7	11.8	113
117	Nanoparticle-based environmental sensors. <i>Materials Science and Engineering Reports</i> , 2010 , 70, 265-274	30.9	106
116	Alloyed semiconductor nanocrystals with broad tunable band gaps. <i>Chemical Communications</i> , 2009 , 4221-3	5.8	105
115	Rolling chain amplification based signal-enhanced electrochemical aptasensor for ultrasensitive detection of ochratoxin A. <i>Analytical Chemistry</i> , 2013 , 85, 10842-9	7.8	104
114	Synthesis of Quaternary Semiconductor Nanocrystals with Tunable Band Gaps. <i>Chemistry of Materials</i> , 2009 , 21, 2489-2493	9.6	98
113	Simultaneous and sensitive determination of multiplex chemical residues based on multicolor quantum dot probes. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3657-62	11.8	93
112	Polyaniline/Fe ₃ O ₄ nanoparticle composite: synthesis and reaction mechanism. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5052-8	3.4	89
111	One-step signal amplified lateral flow strip biosensor for ultrasensitive and on-site detection of bisphenol A (BPA) in aqueous samples. <i>Biosensors and Bioelectronics</i> , 2013 , 49, 457-61	11.8	84
110	Hetero-enzyme-based two-round signal amplification strategy for trace detection of aflatoxin B1 using an electrochemical aptasensor. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 574-581	11.8	80

109	Electrochemical aptasensor for the determination of bisphenol A in drinking water. <i>Mikrochimica Acta</i> , 2013 , 180, 109-115	5.8	79
108	Recent trends in SELEX technique and its application to food safety monitoring. <i>Mikrochimica Acta</i> , 2014 , 181, 479-491	5.8	77
107	Multifunctional magnetoplasmonic nanoparticle assemblies for cancer therapy and diagnostics (theranostics). <i>Macromolecular Rapid Communications</i> , 2010 , 31, 228-36	4.8	76
106	Ultrasensitive one-step rapid detection of ochratoxin A by the folding-based electrochemical aptasensor. <i>Analytica Chimica Acta</i> , 2012 , 753, 27-31	6.6	75
105	MWCNTs based high sensitive lateral flow strip biosensor for rapid determination of aqueous mercury ions. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 331-336	11.8	69
104	Rapid and sensitive detection of microcystin by immunosensor based on nuclear magnetic resonance. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 240-3	11.8	67
103	Nondestructive determination of transgenic <i>Bacillus thuringiensis</i> rice seeds (<i>Oryza sativa</i> L.) using multispectral imaging and chemometric methods. <i>Food Chemistry</i> , 2014 , 153, 87-93	8.5	66
102	Development and validation of an immunochromatographic assay for rapid multi-residues detection of cepheids in milk. <i>Analytica Chimica Acta</i> , 2009 , 634, 129-33	6.6	62
101	Feasibility in multispectral imaging for predicting the content of bioactive compounds in intact tomato fruit. <i>Food Chemistry</i> , 2015 , 173, 482-8	8.5	60
100	ZIF-67 derived porous CoO hollow nanopolyhedron functionalized solution-gated graphene transistors for simultaneous detection of glucose and uric acid in tears. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 21-28	11.8	59
99	Immunochromatographic lateral flow strip for on-site detection of bisphenol A. <i>Mikrochimica Acta</i> , 2013 , 180, 279-285	5.8	57
98	Ultrasensitive detection of mercury with a novel one-step signal amplified lateral flow strip based on gold nanoparticle-labeled ssDNA recognition and enhancement probes. <i>Biosensors and Bioelectronics</i> , 2014 , 61, 14-20	11.8	55
97	An ultrasensitive signal-on electrochemical aptasensor for ochratoxin A determination based on DNA controlled layer-by-layer assembly of dual gold nanoparticle conjugates. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 845-851	11.8	51
96	Development of an enzyme-linked immunosorbent assay for the alpha-cyano pyrethroids multiresidue in Tai lake water. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3033-9	5.7	51
95	Gold nanoparticles based lateral flow immunoassay with largely amplified sensitivity for rapid melamine screening. <i>Mikrochimica Acta</i> , 2016 , 183, 1989-1994	5.8	50
94	Rolling circle amplification based amperometric aptamer/immuno hybrid biosensor for ultrasensitive detection of <i>Vibrio parahaemolyticus</i> . <i>Mikrochimica Acta</i> , 2017 , 184, 3477-3485	5.8	47
93	Aptamer-mediated colorimetric method for rapid and sensitive detection of chloramphenicol in food. <i>Food Chemistry</i> , 2018 , 260, 208-212	8.5	47
92	Lateral Flow Test for Visual Detection of Multiple MicroRNAs. <i>Sensors and Actuators B: Chemical</i> , 2018 , 264, 320-326	8.5	47

91	Natural Integrated Carbon Architecture for Rechargeable Lithium-Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 666-670	8.3	47
90	Application of multispectral imaging to determine quality attributes and ripeness stage in strawberry fruit. <i>PLoS ONE</i> , 2014 , 9, e87818	3.7	47
89	Aptamer-Based Technologies in Foodborne Pathogen Detection. <i>Frontiers in Microbiology</i> , 2016 , 7, 1426-1437	5.7	46
88	Synthesis of immunomagnetic nanoparticles and their application in the separation and purification of CD34 + hematopoietic stem cells. <i>Applied Surface Science</i> , 2006 , 253, 1762-1769	6.7	45
87	Effects of quantum dots in polymerase chain reaction. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 7637-7644	4.4	44
86	Ultrasensitive immunoassay of 7-aminoclonazepam in human urine based on CdTe nanoparticle bioconjugations by fabricated microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2051-6	11.8	42
85	Ultrasensitive detection of trace protein by Western blot based on POLY-quantum dot probes. <i>Analytical Chemistry</i> , 2009 , 81, 9194-8	7.8	42
84	A novel GMO biosensor for rapid ultrasensitive and simultaneous detection of multiple DNA components in GMO products. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 431-7	11.8	41
83	In Vitro Isothermal Nucleic Acid Amplification Assisted Surface-Enhanced Raman Spectroscopic for Ultrasensitive Detection of <i>Vibrio parahaemolyticus</i> . <i>Analytical Chemistry</i> , 2017 , 89, 9775-9780	7.8	38
82	Rapid and ultrasensitive colorimetric detection of mercury(II) by chemically initiated aggregation of gold nanoparticles. <i>Mikrochimica Acta</i> , 2015 , 182, 2147-2154	5.8	35
81	Rapid and accurate detection of <i>Escherichia coli</i> O157:H7 in beef using microfluidic wax-printed paper-based ELISA. <i>Analyst, The</i> , 2020 , 145, 3106-3115	5	35
80	Production of new class-specific polyclonal antibody for determination of fluoroquinolones antibiotics by indirect competitive ELISA. <i>Food and Agricultural Immunology</i> , 2008 , 19, 251-264	2.9	35
79	Development of a sensitive heterologous ELISA method for analysis of acetylgestagen residues in animal fat. <i>Food Chemistry</i> , 2008 , 109, 647-653	8.5	35
78	Potential of multispectral imaging for real-time determination of colour change and moisture distribution in carrot slices during hot air dehydration. <i>Food Chemistry</i> , 2016 , 195, 110-6	8.5	33
77	Multispectral imaging for rapid and non-destructive determination of aerobic plate count (APC) in cooked pork sausages. <i>Food Research International</i> , 2014 , 62, 902-908	7	33
76	G-quadruplex DNAzyme-based microcystin-LR (toxin) determination by a novel immunosensor. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4393-8	11.8	32
75	Integrated platform with magnetic purification and rolling circular amplification for sensitive fluorescent detection of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 534-8	11.8	31
74	Nondestructive and intuitive determination of circadian chlorophyll rhythms in soybean leaves using multispectral imaging. <i>Scientific Reports</i> , 2015 , 5, 11108	4.9	31

73	Recent advances in electrocatalysts for non-aqueous LiO ₂ batteries. <i>Chinese Chemical Letters</i> , 2017 , 28, 709-718	8.1	31
72	New Synthesis Strategy for DNA Functional Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 3243-3249	3.8	31
71	Highly sensitive detection of gallic acid based on organic electrochemical transistors with poly(diallyldimethylammonium chloride) and carbon nanomaterials nanocomposites functionalized gate electrodes. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 235-242	8.5	30
70	Screening and preliminary application of a DNA aptamer for rapid detection of Salmonella O8. <i>Mikrochimica Acta</i> , 2012 , 178, 237-244	5.8	29
69	Ingenious Design of DNA Concatamers and G-Quadruplex Wires Assisted Assembly of Multibranch DNA Nanoarchitectures for Ultrasensitive Biosensing of miRNA. <i>Analytical Chemistry</i> , 2019 , 91, 9747-9753	7.8	28
68	Rapid capacitive detection of femtomolar levels of bisphenol A using an aptamer-modified disposable microelectrode array. <i>Mikrochimica Acta</i> , 2015 , 182, 2361-2367	5.8	28
67	Non-destructive determination and visualisation of insoluble and soluble dietary fibre contents in fresh-cut celeries during storage periods using hyperspectral imaging technique. <i>Food Chemistry</i> , 2017 , 228, 249-256	8.5	27
66	Automated and ultrasensitive detection of methyl-3-quinoxaline-2-carboxylic acid by using gold nanoparticles probes SIA-rt-PCR. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2858-63	11.8	27
65	Rapid and non-destructive identification of water-injected beef samples using multispectral imaging analysis. <i>Food Chemistry</i> , 2016 , 190, 938-943	8.5	26
64	Effect of BPA on the germination, root development, seedling growth and leaf differentiation under different light conditions in <i>Arabidopsis thaliana</i> . <i>Chemosphere</i> , 2013 , 93, 2585-92	8.4	26
63	Rapid DNA detection by interface PCR on nanoparticles. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2495-9	11.8	25
62	Prediction, evaluation, confirmation, and elimination of matrix effects for lateral flow test strip based rapid and on-site detection of aflatoxin B1 in tea soups. <i>Food Chemistry</i> , 2020 , 328, 127081	8.5	22
61	Highly sensitive solution-gated graphene transistor based sensor for continuous and real-time detection of free chlorine. <i>Analytica Chimica Acta</i> , 2018 , 1033, 65-72	6.6	22
60	Unique role of Cyclodextrin in modifying aggregation of Triton X-114 in aqueous solutions. <i>Soft Matter</i> , 2012 , 8, 3856	3.6	22
59	Colorimetric Integrated PCR Protocol for Rapid Detection of <i>Vibrio parahaemolyticus</i> . <i>Sensors</i> , 2016 , 16,	3.8	21
58	Rapid visual sensing and quantitative identification of duck meat in adulterated beef with a lateral flow strip platform. <i>Food Chemistry</i> , 2019 , 294, 224-230	8.5	20
57	Development of an immunochromatographic assay for rapid detection of 1-Aminohydantoin in urine specimens. <i>Biomedical Chromatography</i> , 2009 , 23, 308-14	1.7	20
56	Development of an indirect enzyme-linked immunosorbent assay for the organophosphorus pesticide paraoxon-methyl. <i>Immunological Investigations</i> , 2009 , 38, 510-25	2.9	19

55	Facile preparation of fluorescence-encoded microspheres based on microfluidic system. <i>Journal of Colloid and Interface Science</i> , 2010 , 352, 337-42	9.3	18
54	Highly sensitive and selective sulfite sensors based on solution-gated graphene transistors with multi-walled carbon nanotube functionalized gate electrodes. <i>Food Chemistry</i> , 2019 , 290, 101-106	8.5	17
53	Ultrasensitive and rapid screening of mercury(II) ions by dual labeling colorimetric method in aqueous samples and applications in mercury-poisoned animal tissues. <i>Analytica Chimica Acta</i> , 2015 , 868, 45-52	6.6	17
52	Nitrogen-doped Li ₄ Ti ₅ O ₁₂ /carbon hybrids derived from inorganic polymer for fast lithium storage. <i>Electrochimica Acta</i> , 2017 , 247, 132-138	6.7	17
51	A sensitive multiplex PCR protocol for simultaneous detection of chicken, duck, and pork in beef samples. <i>Journal of Food Science and Technology</i> , 2019 , 56, 1266-1274	3.3	16
50	Carbon nanotube-based lateral flow immunoassay for ultrasensitive detection of proteins: application to the determination of IgG. <i>Mikrochimica Acta</i> , 2019 , 186, 436	5.8	16
49	Analytical Methods for the Detection of Corticosteroids-Residues in Animal-Derived Foodstuffs. <i>Critical Reviews in Analytical Chemistry</i> , 2008 , 38, 227-241	5.2	15
48	Highly sensitive real-time detection of tyrosine based on organic electrochemical transistors with poly-(diallyldimethylammonium chloride), gold nanoparticles and multi-walled carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 799, 321-326	4.1	14
47	Discrimination of Kernel Quality Characteristics for Sunflower Seeds Based on Multispectral Imaging Approach. <i>Food Analytical Methods</i> , 2015 , 8, 1629-1636	3.4	13
46	A novel ultrasensitive phosphate amperometric nanobiosensor based on the integration of pyruvate oxidase with highly ordered gold nanowires array. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 278-285	11.8	12
45	Magnetic microparticle-based SELEX process for the identification of highly specific aptamers of heart marker--brain natriuretic peptide. <i>Mikrochimica Acta</i> , 2015 , 182, 331-339	5.8	12
44	Circadian clock mediates light/dark preference in zebrafish (<i>Danio rerio</i>). <i>Zebrafish</i> , 2014 , 11, 115-21	2	12
43	Smart engineering of a dual-DNA machine with a high signal-to-noise ratio for one-pot robust and sensitive miRNA signaling. <i>Chemical Communications</i> , 2019 , 55, 14367-14370	5.8	12
42	Determination of 17 β -estradiol by surface-enhanced Raman spectroscopy merged with hybridization chain reaction amplification on Au@Ag core-shell nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 52	5.8	12
41	Paper matrix based array for rapid and sensitive optical detection of mercury ions using silver enhancement. <i>Mikrochimica Acta</i> , 2017 , 184, 569-576	5.8	11
40	Permselectivity Replication of Artificial Glomerular Basement Membranes in Nanoporous Collagen Multilayers. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 2067-2072	6.4	11
39	A direct enzyme-linked immunosorbent assay for hexoestrol residues. <i>Food and Agricultural Immunology</i> , 2008 , 19, 61-75	2.9	11
38	Gold nanoparticle-based immunochromatographic assay for the detection of 7-aminoclonazepam in urine. <i>International Journal of Environmental Analytical Chemistry</i> , 2009 , 89, 261-268	1.8	10

37	Highly Simple and Sensitive Molecular Amplification-Integrated Fluorescence Anisotropy for Rapid and On-Site Identification of Adulterated Beef. <i>Analytical Chemistry</i> , 2018 , 90, 7171-7175	7.8	10
36	A Polyamidoamine Dendrimer-Based Electrochemical Immunosensor for Label-Free Determination of Epithelial Cell Adhesion Molecule- Expressing Cancer Cells. <i>Sensors</i> , 2019 , 19,	3.8	9
35	Systematic comparisons of genetically modified organism DNA separation and purification by various functional magnetic nanoparticles. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 910-917	3.8	9
34	Preparation of immunomagnetic nanoparticles and their application in the separation of mouse CD34+ hematopoietic stem cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1885-1888	2.8	9
33	Biofunctional magnetic nanoparticles as a general agent to immobilize proteins contained in traditional Chinese medicines. <i>Mikrochimica Acta</i> , 2007 , 157, 49-54	5.8	9
32	Rapid and easy determination of morphine in chafing dish condiments with colloidal gold labeling based lateral flow strips. <i>Food Science and Human Wellness</i> , 2019 , 8, 40-45	8.3	7
31	Rapid and non-destructive determination of rancidity levels in butter cookies by multi-spectral imaging. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 1821-7	4.3	7
30	Noninvasive discrimination and textural properties of E-beam irradiated shrimp. <i>Journal of Food Engineering</i> , 2016 , 175, 85-92	6	7
29	Extraordinary tunable dynamic range of electrochemical aptasensor for accurate detection of ochratoxin A in food samples. <i>Food Science and Human Wellness</i> , 2017 , 6, 70-76	8.3	7
28	Selection of Specific DNA Aptamers for Hetero-Sandwich-Based Colorimetric Determination of in Food. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8455-8461	5.7	7
27	Signal amplified enzyme-linked immunosorbent assay with gold nanoparticles for sensitive detection of trace furaltadone metabolite. <i>Microchemical Journal</i> , 2020 , 159, 105414	4.8	7
26	Three-dimensional assembly and disassembly of FeO-decorated porous carbon nanocomposite with enhanced transversal relaxation for magnetic resonance sensing of bisphenol A. <i>Mikrochimica Acta</i> , 2021 , 188, 90	5.8	7
25	Real-time detection of Cu(II) with PEDOT:PSS based organic electrochemical transistors. <i>Science China Chemistry</i> , 2017 , 60, 1205-1211	7.9	6
24	Aptamer-enhanced fluorescence determination of bisphenol A after magnetic solid-phase extraction using FeO@SiO@aptamer. <i>Analytical Methods</i> , 2020 , 12, 4479-4486	3.2	6
23	Simultaneous and accurate visual identification of chicken, duck and pork components with the molecular amplification integrated lateral flow strip. <i>Food Chemistry</i> , 2021 , 339, 127891	8.5	6
22	A molecule capturer analysis system for visual determination of avian pathogenic Escherichia coli serotype O78 using a lateral flow assay. <i>Mikrochimica Acta</i> , 2020 , 187, 198	5.8	5
21	Surface-Confined Building of Au@Pt-Centered and Multi-G-Quadruplex/Hemin Wire-Surrounded Electroactive Super-nanostructures for Ultrasensitive Monitoring of Morphine. <i>ACS Sensors</i> , 2020 , 5, 2644-2651	9.2	5
20	Ingenious Electrochemiluminescence Bioaptasensor Based on Synergistic Effects and Enzyme-Driven Programmable 3D DNA Nanoflowers for Ultrasensitive Detection of Aflatoxin B1. <i>Analytical Chemistry</i> , 2020 , 92, 14122-14129	7.8	5

19	Self-signal-on fluorescent colorimetric protocol for rapid authentication of horsemeat adulterated beef samples with functional designed probes. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 1752-1759	3.8	4
18	Triggering Isothermal Circular Amplification-Based Tuning of Rigorous Fluorescence Quenching into Complete Restoration on a Multivalent Aptamer Probe Enables Ultrasensitive Detection of .. <i>Analytical Chemistry</i> , 2021 ,	7.8	4
17	Simultaneous Detection of Multiple β Adrenergic Agonists with 2-Directional Lateral Flow Strip Platform. <i>Analytical Sciences</i> , 2020 , 36, 653-658	1.7	4
16	A polymerase chain reaction based lateral flow test strip with propidium monoazide for detection of viable <i>Vibrio parahaemolyticus</i> in codfish. <i>Microchemical Journal</i> , 2020 , 159, 105418	4.8	4
15	Target-triggered substantial stacking of electroactive indicators based on digestion-to-growth regulated tandem isothermal amplification for ultrasensitive miRNA determination. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130280	8.5	4
14	Facile construction of a molecularly imprinted polymer-based electrochemical sensor for the detection of milk amyloid A. <i>Mikrochimica Acta</i> , 2020 , 187, 642	5.8	3
13	Lithium cell-assisted low-overpotential Li-O batteries by in situ discharge activation. <i>Chemical Communications</i> , 2017 , 53, 10568-10571	5.8	3
12	Recent progress of personal glucose meters integrated methods in food safety hazards detection. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-14	11.5	2
11	Self-assembly of a polythymine embedded activatable molecular beacon for one-step quantification of terminal deoxynucleotidyl transferase activity. <i>Analytica Chimica Acta</i> , 2021 , 1141, 127-135	6.6	2
10	Assembly of USPIO/MOF nanoparticles with high proton relaxation rates for ultrasensitive magnetic resonance sensing. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 11915-11923	7.1	2
9	Framework nucleic acid-wrapped protein-inorganic hybrid nanoflowers with three-stage amplified fluorescence polarization for terminal deoxynucleotidyl transferase activity biosensing. <i>Biosensors and Bioelectronics</i> , 2021 , 193, 113564	11.8	2
8	Rapid and simultaneous visual screening of SARS-CoV-2 and influenza viruses with customized isothermal amplification integrated lateral flow strip. <i>Biosensors and Bioelectronics</i> , 2022 , 197, 113771	11.8	1
7	Continual and accurate home monitoring of uric acid in urine samples with uricase-packaged nanoflowers assisted portable electrochemical uricometer. <i>Biosensors and Bioelectronics</i> , 2021 , 198, 113804	11.8	1
6	Periodically programmed building and collapse of DNA networks enables an ultrahigh signal amplification effect for ultrasensitive nucleic acids analysis. <i>Analytica Chimica Acta</i> , 2021 , 1150, 338221	6.6	1
5	Rapid and direct concentration range judgment of lamotrigine in plasma by the multi test lines with different detection limits on the same lateral flow strip.. <i>Analytica Chimica Acta</i> , 2022 , 1192, 339347	6.6	0
4	A Short- and Long-Range Fluorescence Resonance Energy Transfer-Cofunctionalized Fluorescence Quenching Collapsar Probe Regulates Amplified and Accelerated Detection of. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 14294-14301	5.7	0
3	Performance improved fluorescence polarization for easy and accurate authentication of chicken adulteration. <i>Food Control</i> , 2022 , 133, 108604	6.2	0
2	Rapid and easy quantitative identification of <i>Cronobacter</i> spp. in infant formula milk powder by isothermal strand-exchange-amplification based molecular capturing lateral flow strip. <i>Food Control</i> , 2021 , 126, 108048	6.2	0

- 1 Rational incorporating of loop-mediated isothermal amplification with fluorescence anisotropy for rapid, sensitive and on-site identification of pork adulteration. *Food Control*, **2022**, 137, 108863 6.2 ○