

Liqiang Liu

List of Publications by Citations

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231
papers

6,216
citations

42
h-index

63
g-index

246
ext. papers

7,280
ext. citations

5
avg, IF

6.26
L-index

#	Paper	IF	Citations
231	Unexpected chirality of nanoparticle dimers and ultrasensitive chiroplasmonic bioanalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18629-36	16.4	241
230	Chiral plasmonics of self-assembled nanorod dimers. <i>Scientific Reports</i> , 2013 , 3, 1934	4.9	165
229	SERS-active Au@Ag nanorod dimers for ultrasensitive dopamine detection. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 7-12	11.8	146
228	A gold nanoparticle-based semi-quantitative and quantitative ultrasensitive paper sensor for the detection of twenty mycotoxins. <i>Nanoscale</i> , 2016 , 8, 5245-53	7.7	136
227	An aptamer-based chromatographic strip assay for sensitive toxin semi-quantitative detection. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3059-62	11.8	125
226	Ultrasensitive immunochromatographic assay for the simultaneous detection of five chemicals in drinking water. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 445-53	11.8	116
225	Rapid and highly sensitive detection of lead ions in drinking water based on a strip immunosensor. <i>Sensors</i> , 2013 , 13, 4214-24	3.8	115
224	A SERS-active sensor based on heterogeneous gold nanostar core-silver nanoparticle satellite assemblies for ultrasensitive detection of aflatoxinB1. <i>Nanoscale</i> , 2016 , 8, 1873-8	7.7	113
223	Propeller-Like Nanorod-Upconversion Nanoparticle Assemblies with Intense Chiroptical Activity and Luminescence Enhancement in Aqueous Phase. <i>Advanced Materials</i> , 2016 , 28, 5907-15	24	107
222	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , 2017 , 29, 1606086	24	91
221	Nanoparticle-based sensors for food contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 74-83	14.6	86
220	Development of an ELISA and Immunochromatographic Assay for Tetracycline, Oxytetracycline, and Chlortetracycline Residues in Milk and Honey Based on the Class-Specific Monoclonal Antibody. <i>Food Analytical Methods</i> , 2016 , 9, 905-914	3.4	84
219	Gold nanoparticle-based paper sensor for ultrasensitive and multiple detection of 32 (fluoro)quinolones by one monoclonal antibody. <i>Nano Research</i> , 2017 , 10, 108-120	10	79
218	Ultrasensitive Immunochromatographic Strip for Fast Screening of 27 Sulfonamides in Honey and Pork Liver Samples Based on a Monoclonal Antibody. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8248-8255	5.7	77
217	Dual amplified electrochemical immunosensor for highly sensitive detection of <i>Pantoea stewartii</i> sbusp. <i>stewartii</i> . <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21178-83	9.5	74
216	A Singlet Oxygen Generating Agent by Chirality-dependent Plasmonic Shell-Satellite Nanoassembly. <i>Advanced Materials</i> , 2017 , 29, 1606864	24	71
215	Development of an immunochromatographic strip test for rapid detection of ciprofloxacin in milk samples. <i>Sensors</i> , 2014 , 14, 16785-98	3.8	67

214	Development of a Broad Specific Monoclonal Antibody for Fluoroquinolone Analysis. <i>Food Analytical Methods</i> , 2014 , 7, 2163-2168	3.4	62
213	SERS- and luminescence-active Au-Au-UCNP trimers for attomolar detection of two cancer biomarkers. <i>Nanoscale</i> , 2017 , 9, 3865-3872	7.7	61
212	Gold immunochromatographic sensor for the rapid detection of twenty-six sulfonamides in foods. <i>Nano Research</i> , 2017 , 10, 2833-2844	10	61
211	Development of an ELISA and immunochromatographic strip for highly sensitive detection of microcystin-LR. <i>Sensors</i> , 2014 , 14, 14672-85	3.8	61
210	Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities. <i>Advanced Functional Materials</i> , 2015 , 25, 850-854	15.6	59
209	Ultrasensitive Detection of Prostate-Specific Antigen and Thrombin Based on Gold-Upconversion Nanoparticle Assembled Pyramids. <i>Small</i> , 2017 , 13, 1603944	11	58
208	Multiplex lateral flow immunoassay for five antibiotics detection based on gold nanoparticle aggregations. <i>RSC Advances</i> , 2016 , 6, 7798-7805	3.7	56
207	Development of a monoclonal antibody-based immunochromatographic strip for cephalixin. <i>Food and Agricultural Immunology</i> , 2015 , 26, 282-292	2.9	56
206	Asymmetric plasmonic aptasensor for sensitive detection of bisphenol A. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 364-9	9.5	56
205	Monoclonal antibody-based sandwich ELISA for the detection of staphylococcal enterotoxin A. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 1598-608	4.6	54
204	A gold immunochromatographic assay for the rapid and simultaneous detection of fifteen β -lactams. <i>Nanoscale</i> , 2015 , 7, 16381-8	7.7	53
203	Colloidal gold-based immunochromatographic strip assay for the rapid detection of three natural estrogens in milk. <i>Food Chemistry</i> , 2018 , 259, 122-129	8.5	53
202	Biocompatible Cup-Shaped Nanocrystal with Ultrahigh Photothermal Efficiency as Tumor Therapeutic Agent. <i>Advanced Functional Materials</i> , 2017 , 27, 1700605	15.6	52
201	Ultrasensitive and eco-friendly immunoassays based monoclonal antibody for detection of deoxynivalenol in cereal and feed samples. <i>Food Chemistry</i> , 2019 , 270, 130-137	8.5	50
200	A highly sensitive ELISA and immunochromatographic strip for the detection of Salmonella typhimurium in milk samples. <i>Sensors</i> , 2015 , 15, 5281-92	3.8	49
199	Gold Nanoparticle-Based Paper Sensor for Simultaneous Detection of 11 Benzimidazoles by One Monoclonal Antibody. <i>Small</i> , 2018 , 14, 1701782	11	49
198	Identification and quantification of eight <i>Listeria monocytogene</i> serotypes from <i>Listeria</i> spp. using a gold nanoparticle-based lateral flow assay. <i>Mikrochimica Acta</i> , 2017 , 184, 715-724	5.8	46
197	Highly selective recognition and ultrasensitive quantification of enantiomers. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4478-4483	7.3	46

196	Photoactive Hybrid AuNR-Pt@Ag ₂ S Core-Satellite Nanostructures for Near-Infrared Quantitative Cell Imaging. <i>Advanced Functional Materials</i> , 2017 , 27, 1703408	15.6	45
195	Comparison of an immunochromatographic strip with ELISA for simultaneous detection of thiamphenicol, florfenicol and chloramphenicol in food samples. <i>Biomedical Chromatography</i> , 2015 , 29, 1432-9	1.7	45
194	Rapid and sensitive detection of diclazuril in chicken samples using a gold nanoparticle-based lateral-flow strip. <i>Food Chemistry</i> , 2020 , 312, 126116	8.5	45
193	A colorimetric paper-based sensor for toltrazuril and its metabolites in feed, chicken, and egg samples. <i>Food Chemistry</i> , 2019 , 276, 707-713	8.5	45
192	Nanoshell-Enhanced Raman Spectroscopy on a Microplate for Staphylococcal Enterotoxin B Sensing. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15591-7	9.5	43
191	Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the detection of vancomycin in raw milk and animal feed. <i>Food and Agricultural Immunology</i> , 2017 , 28, 414-426	2.9	42
190	Pyramidal sensor platform with reversible chiroptical signals for DNA detection. <i>Small</i> , 2014 , 10, 4293-7	11	42
189	Development of indirect competitive ELISA and lateral-flow immunochromatographic assay strip for the detection of sterigmatocystin in cereal products. <i>Food and Agricultural Immunology</i> , 2017 , 28, 260-273	2.9	41
188	Development of an icELISA and immunochromatographic strip for detection of norfloxacin and its analogs in milk. <i>Food and Agricultural Immunology</i> , 2017 , 28, 288-298	2.9	41
187	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , 2016 , 26, 7352-7358	15.6	41
186	Development of an immunoassay for carbendazim based on a class-selective monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2015 , 26, 659-670	2.9	40
185	Development and evaluation of a rapid lateral flow immunochromatographic strip assay for screening 19-nortestosterone. <i>Biomedical Chromatography</i> , 2007 , 21, 861-6	1.7	39
184	Gold-Nanoparticle-Based Multiplexed Immunochromatographic Strip for Simultaneous Detection of Staphylococcal Enterotoxin A, B, C, D, and E. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 388-395	3.1	39
183	Colorimetric detection of mercury based on a strip sensor. <i>Analytical Methods</i> , 2014 , 6, 6247-6253	3.2	38
182	Preparing monoclonal antibodies and developing immunochromatographic strips for paraquat determination in water. <i>Food Chemistry</i> , 2020 , 311, 125897	8.5	38
181	Plasmonic Core-Satellites Nanostructures with High Chirality and Bioproperty. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2379-84	6.4	37
180	Development of indirect competitive enzyme-linked immunosorbent and immunochromatographic strip assays for carbofuran detection in fruits and vegetables. <i>Food and Agricultural Immunology</i> , 2017 , 28, 639-651	2.9	35
179	Development of sensitive and fast immunoassays for amantadine detection. <i>Food and Agricultural Immunology</i> , 2016 , 27, 678-688	2.9	35

178	A silver enhanced and sensitive strip sensor for Cadmium detection. <i>Food and Agricultural Immunology</i> , 2014 , 25, 287-300	2.9	35
177	Development and validation of a sandwich ELISA for quantification of peanut agglutinin (PNA) in foods. <i>Food and Agricultural Immunology</i> , 2012 , 23, 265-272	2.9	35
176	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
175	Development of an immunochromatographic strip assay for ractopamine detection using an ultrasensitive monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2016 , 27, 471-483	2.9	34
174	Antibody for the development of specific immunoassays to detect nadifloxacin in chicken muscles. <i>Food and Agricultural Immunology</i> , 2015 , 26, 317-324	2.9	34
173	Development of a monoclonal antibody assay and a lateral flow strip test for the detection of paromomycin residues in food matrices. <i>Food and Agricultural Immunology</i> , 2017 , 28, 355-373	2.9	33
172	General immunoassay for pyrethroids based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2014 , 25, 341-349	2.9	33
171	Development of ELISA for melamine detection in milk powder. <i>Food and Agricultural Immunology</i> , 2013 , 24, 79-86	2.9	33
170	Regioselective plasmonic nano-assemblies for bimodal sub-femtomolar dopamine detection. <i>Nanoscale</i> , 2017 , 9, 223-229	7.7	33
169	Development of an immunochromatographic strip for rapid detection of <i>Pantoea stewartii</i> subsp. <i>stewartii</i> . <i>Sensors</i> , 2015 , 15, 4291-301	3.8	32
168	Rapid, ultrasensitive and highly specific biosensor for the diagnosis of SARS-CoV-2 in clinical blood samples. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2000-2005	7.8	32
167	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , 2016 , 8, 15008-15	7.7	32
166	Immunoaffinity removal and immunoassay for rhodamine B in chilli powder. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 2589-2595	3.8	32
165	Gold nanoparticle-based paper sensor for multiple detection of 12 <i>Listeria</i> spp. by P60-mediated monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2017 , 28, 274-287	2.9	31
164	Development of an ultrasensitive ic-ELISA and immunochromatographic strip assay for the simultaneous detection of florfenicol and thiamphenicol in eggs. <i>Food and Agricultural Immunology</i> , 2018 , 29, 254-266	2.9	31
163	Rapid on-site determination of melamine in raw milk by an immunochromatographic strip. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 1505-1510	3.8	30
162	Development of a monoclonal antibody-based sandwich ELISA for peanut allergen Ara h 1 in food. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 2897-905	4.6	30
161	Rapid detection of aldicarb in cucumber with an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2017 , 28, 427-438	2.9	29

160	Side-by-Side and End-to-End Gold Nanorod Assemblies for Environmental Toxin Sensing. <i>Angewandte Chemie</i> , 2010 , 122, 5604-5607	3.6	29
159	Development of an indirect competitive enzyme-linked immunosorbent assay and immunochromatographic assay for hydrocortisone residues in milk. <i>Food and Agricultural Immunology</i> , 2017 , 28, 476-488	2.9	28
158	Detection of aflatoxins in tea samples based on a class-specific monoclonal antibody. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 1269-1274	3.8	28
157	Development of an immunochromatographic strip for the rapid detection of <i>Pseudomonas syringae</i> pv. <i>maculicola</i> in broccoli and radish seeds. <i>Food and Agricultural Immunology</i> , 2015 , 26, 738-745 ^{2,9}	2.9	27
156	Rapid detection of zearalenone and its metabolite in corn flour with the immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2018 , 29, 498-510	2.9	27
155	Development of an immunochromatographic test strip for the detection of ochratoxin A in red wine. <i>Food and Agricultural Immunology</i> , 2018 , 29, 434-444	2.9	27
154	Gold nanoparticle-based strip sensor for multiple detection of twelve <i>Salmonella</i> strains with a genus-specific lipopolysaccharide antibody. <i>Science China Materials</i> , 2016 , 59, 665-674	7.1	27
153	Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the detection of folic acid in energy drinks and milk samples. <i>Food and Agricultural Immunology</i> , 2016 , 27, 841-854	2.9	27
152	Development of a gold nanoparticle immunochromatographic assay for the on-site analysis of 6-benzylaminopurine residues in bean sprouts. <i>Food and Agricultural Immunology</i> , 2018 , 29, 14-26	2.9	27
151	Development of monoclonal antibody-based colloidal gold immunochromatographic assay for analysis of halofuginone in milk. <i>Food and Agricultural Immunology</i> , 2019 , 30, 112-122	2.9	26
150	Development of ic-ELISA and lateral-flow immunochromatographic strip for detection of vitamin B2 in an energy drink and vitamin tablets. <i>Food and Agricultural Immunology</i> , 2018 , 29, 121-132	2.9	26
149	A Rapid and Semi-Quantitative Gold Nanoparticles Based Strip Sensor for Polymyxin B Sulfate Residues. <i>Nanomaterials</i> , 2018 , 8,	5.4	26
148	Development of an anti-chlorothalonil monoclonal antibody based on a novel designed hapten. <i>Food and Agricultural Immunology</i> , 2015 , 26, 410-419	2.9	26
147	An ultrasensitive immunochromatographic assay for non-pretreatment monitoring of chloramphenicol in raw milk. <i>Food and Agricultural Immunology</i> , 2015 , 26, 635-644	2.9	26
146	Development of Sensitive, Rapid, and Effective Immunoassays for the Detection of Vitamin B12 in Fortified Food and Nutritional Supplements. <i>Food Analytical Methods</i> , 2017 , 10, 10-18	3.4	25
145	Plasmonic Chirogenesis from Gold Nanoparticles Superstructures. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17757-17765	3.8	25
144	A highly sensitive enzyme-linked immunosorbent assay for copper(II) determination in drinking water. <i>Food and Agricultural Immunology</i> , 2014 , 25, 432-442	2.9	25
143	Determination of quinoxaline antibiotics in fish feed by enzyme-linked immunosorbent assay using a monoclonal antibody. <i>Analytical Methods</i> , 2015 , 7, 5204-5209	3.2	24

142	Preparation of a monoclonal antibody against testosterone and its use in development of an immunochromatographic assay. <i>Food and Agricultural Immunology</i> , 2016 , 27, 547-558	2.9	24
141	Simultaneous detection of tylosin and tilmicosin in honey using a novel immunoassay and immunochromatographic strip based on an innovative hapten. <i>Food and Agricultural Immunology</i> , 2016 , 27, 314-328	2.9	24
140	Sensitive and highly specific detection of Cronobacter sakazakii based on monoclonal sandwich ELISA. <i>Food and Agricultural Immunology</i> , 2015 , 26, 566-576	2.9	24
139	Development of an ELISA for nitrazepam based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2015 , 26, 611-621	2.9	24
138	Development of an immunochromatographic strip for the rapid detection of 10 β -agonists based on an ultrasensitive monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2017 , 28, 625-638	2.9	23
137	Development of Sandwich ELISA and Immunochromatographic Strip for the Detection of Peanut Allergen Ara h 2. <i>Food Analytical Methods</i> , 2015 , 8, 2605-2611	3.4	23
136	Immunochromatographic strip development for ultrasensitive analysis of aflatoxin M1. <i>Analytical Methods</i> , 2013 , 5, 6567	3.2	23
135	Advances in immunoassays for organophosphorus and pyrethroid pesticides. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 131, 116022	14.6	23
134	Production of a monoclonal antibody for the detection of vitamin B and its use in an indirect enzyme-linked immunosorbent assay and immunochromatographic strip. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1935-1943	7.3	22
133	Development of an indirect enzyme-linked immunosorbent assay and lateral-flow test strips for pefloxacin and its analogues in chicken muscle samples. <i>Food and Agricultural Immunology</i> , 2018 , 29, 484-497	2.9	21
132	Development of a highly sensitive ELISA and immunochromatographic strip to detect pentachlorophenol. <i>Food and Agricultural Immunology</i> , 2016 , 27, 689-699	2.9	21
131	A strip-based immunoassay for rapid determination of fenpropathrin. <i>Analytical Methods</i> , 2013 , 5, 6234	3.2	21
130	An indirect competitive enzyme-linked immunosorbent assay for acrylamide detection based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2016 , 27, 796-805	2.9	21
129	Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the detection of citrinin in cereals. <i>Food and Agricultural Immunology</i> , 2017 , 28, 754-766	2.9	20
128	Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the simultaneous detection of avermectin and ivermectin. <i>Food and Agricultural Immunology</i> , 2017 , 28, 439-451	2.9	20
127	An Ultrasensitive ELISA for Medroxyprogesterone Residues in Fish Tissues Based on a Structure-Specific Hapten. <i>Food Analytical Methods</i> , 2015 , 8, 1382-1389	3.4	20
126	Monoclonal antibody-based cross-reactive sandwich ELISA for the detection of Salmonella spp. in milk samples. <i>Analytical Methods</i> , 2015 , 7, 9047-9053	3.2	20
125	Development of an immunochromatographic strip for the rapid detection of maduramicin in chicken and egg samples. <i>Food and Agricultural Immunology</i> , 2018 , 29, 458-469	2.9	20

124	Fragment-based hapten design and screening of a highly sensitive and specific monoclonal antibody for ractopamine. <i>Analytical Methods</i> , 2014 , 6, 229-234	3.2	20
123	SERS-active Ag@Au core-shell NP assemblies for DNA detection. <i>RSC Advances</i> , 2014 , 4, 56052-56056	3.7	20
122	High-sensitivity immunochromatographic assay for fumonisin B1 based on indirect antibody labeling. <i>Biotechnology Letters</i> , 2017 , 39, 751-758	3	19
121	Development of an immunochromatographic assay for hexestrol and diethylstilbestrol residues in milk. <i>Food and Agricultural Immunology</i> , 2016 , 27, 855-869	2.9	19
120	Gold immunochromatographic assay for kitasamycin and josamycin residues screening in milk and egg samples. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1189-1201	2.9	19
119	Preparation of an anti-dexamethasone monoclonal antibody and its use in development of a colloidal gold immunoassay. <i>Food and Agricultural Immunology</i> , 2017 , 28, 958-968	2.9	18
118	Rapid and sensitive immunoassays for the detection of lomefloxacin and related drug residues in bovine milk samples. <i>Food and Agricultural Immunology</i> , 2017 , 28, 599-611	2.9	18
117	Rapid detection of praziquantel using monoclonal antibody-based ic-ELISA and immunochromatographic strips. <i>Food and Agricultural Immunology</i> , 2019 , 30, 913-923	2.9	18
116	Comparison of an Enzyme-Linked Immunosorbent Assay with an Immunochromatographic Assay for Detection of Lincomycin in Milk and Honey. <i>Immunological Investigations</i> , 2015 , 44, 438-50	2.9	18
115	SERS-active Au NR oligomer sensor for ultrasensitive detection of mercury ions. <i>RSC Advances</i> , 2015 , 5, 81802-81807	3.7	18
114	Development of IC-ELISA and immunochromatographic strip assay for the detection of flunixin meglumine in milk. <i>Food and Agricultural Immunology</i> , 2018 , 29, 193-203	2.9	18
113	Determination of sarafloxacin and its analogues in milk using an enzyme-linked immunosorbent assay based on a monoclonal antibody. <i>Analytical Methods</i> , 2016 , 8, 1626-1636	3.2	18
112	Monoclonal antibody for the development of specific immunoassays to detect Enrofloxacin in foods of animal origin. <i>Food and Agricultural Immunology</i> , 2016 , 27, 435-448	2.9	17
111	Development of a highly sensitive icELISA to detect semicarbazide based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2015 , 26, 356-365	2.9	17
110	Development of an ic-ELISA and colloidal gold strip for the detection of the beta-blocker carazolol. <i>Food and Agricultural Immunology</i> , 2020 , 31, 217-230	2.9	17
109	Rapid enzyme-linked immunosorbent assay and immunochromatographic strip for detecting ribavirin in chicken muscles. <i>Food and Agricultural Immunology</i> , 2016 , 27, 449-459	2.9	17
108	Development of an immunochromatographic strip test for rapid detection of sodium nifurstyrenate in fish. <i>Food and Agricultural Immunology</i> , 2019 , 30, 236-247	2.9	17
107	Gold immunochromatographic assay for simultaneous detection of sibutramine and sildenafil in slimming tea and coffee. <i>Science China Materials</i> , 2020 , 63, 654-659	7.1	17

106	Rapid quantitative determination of fentanyl in human urine and serum using a gold-based immunochromatographic strip sensor. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8573-8584	7.3	17
105	An immunochromatographic strip sensor for sildenafil and its analogues. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6383-6389	7.3	16
104	Sensitive, fast, and specific immunoassays for methyltestosterone detection. <i>Sensors</i> , 2015 , 15, 10059-73.8	7.3	16
103	Development of an immunochromatographic strip for the semi-quantitative and quantitative detection of biotin in milk and milk products. <i>Analytical Methods</i> , 2016 , 8, 1595-1601	3.2	16
102	Shell-programmed Au nanoparticle heterodimers with customized chiroptical activity. <i>Small</i> , 2014 , 10, 4770-7	11	16
101	Immunochromatographic paper sensor for ultrasensitive colorimetric detection of cadmium. <i>Food and Agricultural Immunology</i> , 2018 , 29, 3-13	2.9	16
100	Development of an enzyme-linked immunosorbent assay (ELISA) for natamycin residues in foods based on a specific monoclonal antibody. <i>Analytical Methods</i> , 2015 , 7, 3559-3565	3.2	15
99	A gold nanoparticle-based lateral flow immunosensor for ultrasensitive detection of tetrodotoxin. <i>Analyst, The</i> , 2020 , 145, 2143-2151	5	15
98	Development of an immunochromatographic test strip and ic-ELISA for tetrabromobisphenol: a detection in lake water and rice pudding samples. <i>Food and Agricultural Immunology</i> , 2016 , 27, 460-470	2.9	15
97	Immunochromatographic strip for ultrasensitive detection of fumonisin B1. <i>Food and Agricultural Immunology</i> , 2018 , 29, 699-710	2.9	15
96	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
95	Establishment of a monoclonal antibody-based indirect enzyme-linked immunosorbent assay for the detection of trimethoprim residues in milk, honey, and fish samples. <i>Food and Agricultural Immunology</i> , 2016 , 27, 830-840	2.9	15
94	Development of an icELISA and Immunochromatographic Assay for Methyl-3-Quinoxaline-2-Carboxylic Acid Residues in Fish. <i>Food Analytical Methods</i> , 2017 , 10, 3128-3136	3.4	14
93	Development of an immunochromatography assay for salinomycin and methyl salinomycin in honey. <i>Food and Agricultural Immunology</i> , 2019 , 30, 995-1006	2.9	14
92	Development of a monoclonal antibody-based immunochromatographic assay for the detection of carbamazepine and carbamazepine-10, 11-epoxide. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1141, 122036	3.2	14
91	Rapid detection of clonidine and its cross-reactivity with apraclonidine in pig urine using an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2018 , 29, 821-832	2.9	14
90	Determination of Bisphenol A by a Gold Nanoflower Enhanced Enzyme-Linked Immunosorbent Assay. <i>Analytical Letters</i> , 2016 , 49, 1492-1501	2.2	14
89	Rapid detection of tenuazonic acid in cereal and fruit juice using a lateral-flow immunochromatographic assay strip. <i>Food and Agricultural Immunology</i> , 2017 , 28, 1293-1303	2.9	14

88	Development of a specific monoclonal antibody assay and a rapid testing strip for the detection of apramycin residues in food samples. <i>Food and Agricultural Immunology</i> , 2017 , 28, 49-66	2.9	14
87	Development of immunocolloidal strip for rapid detection of pyrimethanil. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1239-1252	2.9	14
86	Rapid and ultrasensitive detection of 3-amino-2-oxazolidinone in catfish muscle with indirect competitive enzyme-linked immunosorbent and immunochromatographic assays. <i>Food and Agricultural Immunology</i> , 2017 , 28, 463-475	2.9	13
85	Immunochromatographic strip for rapid detection of phenylethanolamine A. <i>Food and Agricultural Immunology</i> , 2018 , 29, 182-192	2.9	13
84	Sandwich immunoassay for lactoferrin detection in milk powder. <i>Analytical Methods</i> , 2014 , 6, 4742-4745	3.2	13
83	Development of an enzyme-linked immunosorbent assay for cyhalothrin. <i>Immunological Investigations</i> , 2013 , 42, 493-503	2.9	13
82	Fluorescence based immunochromatographic sensor for rapid and sensitive detection of tadalafil and comparison with a gold lateral flow immunoassay. <i>Food Chemistry</i> , 2021 , 342, 128255	8.5	13
81	Ultrasensitive immunochromatographic strip for detection of cyproheptadine. <i>Food and Agricultural Immunology</i> , 2018 , 29, 941-952	2.9	13
80	Structure-specific hapten design for the screening of highly sensitive and specific monoclonal antibody to salbutamol. <i>Analytical Methods</i> , 2014 , 6, 4228-4233	3.2	12
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15	A multiplex lateral flow immunochromatography assay for the quantitative detection of pyraclostrobin, myclobutanil, and kresoxim-methyl residues in wheat.. <i>Food Chemistry</i> , 2021 , 377, 131964	8.5	1
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