Chuanlai Xu

List of Publications by Year in Descending Order

403 papers	15,571 citations	61 h-index	107 g-index
429 ext. papers	19,024 ext. citations	8.2 avg, IF	7.08 L-index

#	Paper	IF	Citations
403	Enantiomer-dependent immunological response to chiral nanoparticles.. *Nature*, **2022**, 601, 366-373	50.4	36
402	Sex-Dependent Environmental Health Risk Analysis of Flupyradifurone.. *Environmental Science & Technology*, **2022**,	10.3	4
401	Ultrasmall Magneto-chiral Cobalt Hydroxide Nanoparticles Enable Dynamic Detection of Reactive Oxygen Species .. *Journal of the American Chemical Society*, **2022**,	16.4	4
400	Ultrasensitive detection of phenolphthalein in slimming products by gold-based immunochromatographic paper.. *Journal of Pharmaceutical and Biomedical Analysis*, **2022**, 212, 114609	3.5	0
399	Gold nanoparticle-based immunoassay for the detection of bifenthrin in vegetables.. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2022**, 1-11	3.2	1
398	An ultrasensitive colloidal gold immunosensor to simultaneously detect 12 beta (2)-adrenergic agonists.. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2022**, 1191, 123119	3.2	0
397	Rapid colloidal gold immunochromatographic assay for the detection of SARS-CoV-2 total antibodies after vaccination.. *Journal of Materials Chemistry B*, **2022**,	7.3	1
396	Chirality at nanoscale for bioscience.. *Chemical Science*, **2022**, 13, 3069-3081	9.4	3
395	An Overview for the Nanoparticles-Based Quantitative Lateral Flow Assay.. *Small Methods*, **2022**, 6, e2101283	11.1	3
394	An immunochromatographic assay for the rapid detection of oxadixyl in cucumber, tomato and wine samples.. *Food Chemistry*, **2022**, 379, 132131	8.5	4
393	Gold-based immunochromatographic strip for rapid ketoconazole detection. *Microchemical Journal*, **2022**, 174, 107083	4.8	1
392	Preparing monoclonal antibodies and developing immunochromatographic assay strips for the determination of propamocarb levels. *Food Chemistry*, **2022**, 370, 131284	8.5	5
391	Multiple detection of 15 triazine herbicides by gold nanoparticle based-paper sensor.. *Nano Research*, **2022**, 1-9	10	0
390	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles.. *Nature Nanotechnology*, **2022**,	28.7	10
389	The development of chiral nanoparticles to target NK cells and CD8 T cells for cancer immunotherapy.. *Advanced Materials*, **2022**, e2109354	24	4
388	Gold-based paper sensor for sensitive detection of procalcitonin in clinical samples. *Chinese Journal of Analytical Chemistry*, **2022**, 50, 100062	1.6	1
387	Highly Chiral Selective Resolution in Pillar[6]arenes Functionalized Microchannel Membranes.. *Analytical Chemistry*, **2022**, 94, 6065-6070	7.8	2

386	Rapid, on-site quantitative determination of higenamine in functional food using a time-resolved fluorescence microsphere test strip.. *Food Chemistry*, **2022**, 387, 132859	8.5	1
385	Gold-based strip sensor for the rapid and sensitive detection of butralin in tomatoes and peppers.. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2022**, 1-10	3.2	1
384	A monoclonal antibody-based colloidal gold immunochromatographic strip for the analysis of novobiocin in beef and chicken.. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2022**, 1-12	3.2	0
383	Chiral Nanostructures for Biorecognition and Bioanalysis **2022**, 149-198		
382	Chiral Nanoassemblies **2022**, 79-147		
381	Chiral Nanocrystals **2022**, 27-77		
380	Chiral Nanomaterials for Biocatalysis **2022**, 241-285		
379	Chiral Nanomaterials for Emerging Biological Effects **2022**, 199-239		
378	Immunochromatographic assay for the rapid and sensitive detection of etoxazole in orange and grape samples. *LWT - Food Science and Technology*, **2022**, 113519	5.4	0
377	Dual-Modal FeCuSe and Upconversion Nanoparticle Assemblies for Intracellular MicroRNA-21 Detection. *ACS Applied Materials & Interfaces*, **2021**, 13, 41405-41413	9.5	3
376	A colloidal gold immunochromatographic strip assay for the rapid detection of Shigella in milk and meat products. *New Journal of Chemistry*, **2021**, 46, 103-109	3.6	0
375	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. *Science China Chemistry*, **2021**, 64, 2060	7.9	46
374	Rapid and sensitive detection of clomazone in potato and pumpkin samples using a gold nanoparticle-based lateral-flow strip.. *Food Chemistry*, **2021**, 375, 131888	8.5	2
373	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. *Angewandte Chemie*, **2021**, 133, 26480	3.6	0
372	Facet-Dependent Biodegradable Mn O Nanoparticles for Ameliorating Parkinson's Disease. *Advanced Healthcare Materials*, **2021**, 10, e2101316	10.1	2
371	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. *Angewandte Chemie - International Edition*, **2021**, 60, 26276-26280	16.4	3
370	Ratiometric FRET Encoded Hierarchical ZrMOF @ Au Cluster for Ultrasensitive Quantifying MicroRNA In Vivo. *Advanced Materials*, **2021**, e2107449	24	6
369	Gold-based immunochromatographic assay strip for the detection of quinclorac in foods. *Analyst, The*, **2021**, 146, 6831-6839	5	2

368	A portable fluorescent microsphere-based lateral flow immunosensor for the simultaneous detection of colistin and bacitracin in milk. *Analyst, The*, **2021**, 145, 7884-7892	5	16
367	Aptamer-Gated Ion Channel for Ultrasensitive Mucin 1 Detection. *Analytical Chemistry*, **2021**, 93, 4825-4831	7.8	12
366	Dimensional Surface-Enhanced Raman Scattering Nanostructures for MicroRNA Profiling. *Small Structures*, **2021**, 2, 2000150	8.7	4
365	Recent Progress on Biomaterials Fighting against Viruses. *Advanced Materials*, **2021**, 33, e2005424	24	12
364	Ultrasmall Copper (I) Sulfide Nanoparticles Prevent Hepatitis B Virus Infection. *Angewandte Chemie - International Edition*, **2021**, 60, 13073-13080	16.4	12
363	Potential Environmental Health Risk Analysis of Neonicotinoids and a Synergist. *Environmental Science & Technology*, **2021**, 55, 7541-7550	10.3	8
362	Fluorescent microsphere immunochromatographic sensor for ultrasensitive monitoring deoxynivalenol in agricultural products. *Microchemical Journal*, **2021**, 164, 106024	4.8	5
361	Ultrasmall Copper (I) Sulfide Nanoparticles Prevent Hepatitis B Virus Infection. *Angewandte Chemie* , **2021**, 133, 13183-13190	3.6	
360	Immunoassays for the rapid detection of pantothenic acid in pharmaceutical and food products. *Food Chemistry*, **2021**, 348, 129114	8.5	19
359	Chiral Plasmonic Triangular Nanorings with SERS Activity for Ultrasensitive Detection of Amyloid Proteins in Alzheimer's Disease. *Advanced Materials*, **2021**, 33, e2102337	24	15
358	Improved Reactive Oxygen Species Generation by Chiral Co3O4 Supraparticles under Electromagnetic Fields. *Angewandte Chemie*, **2021**, 133, 18388-18394	3.6	0
357	Fluorescence based immunochromatographic sensor for rapid and sensitive detection of tadalafil and comparison with a gold lateral flow immunoassay. *Food Chemistry*, **2021**, 342, 128255	8.5	13
356	Determination of robenidine in shrimp and chicken samples using the indirect competitive enzyme-linked immunosorbent assay and immunochromatographic strip assay. *Analyst, The*, **2021**, 146, 721-729	5	8
355	Stimulation of neural stem cell differentiation by circularly polarized light transduced by chiral nanoassemblies. *Nature Biomedical Engineering*, **2021**, 5, 103-113	19	36
354	Development of a monoclonal antibody for the detection of xylazine in milk and its use in an immunochromatographic strip. *New Journal of Chemistry*, **2021**, 45, 4658-4665	3.6	1
353	A fluorescence based immunochromatographic sensor for monitoring chlorpheniramine and its comparison with a gold nanoparticle-based lateral-flow strip. *Analyst, The*, **2021**, 146, 3589-3598	5	2
352	Development of a monoclonal antibody-based immunochromatographic strip for the rapid detection of tigecycline in human serum. *Analytical Methods*, **2021**, 13, 817-824	3.2	3
351	Hapten synthesis and antibody production for the development of a paper immunosensor for lean meat powder zilpaterol. *New Journal of Chemistry*, **2021**, 45, 5228-5239	3.6	1

350	Development of a lateral-flow ICA strip for the detection of colchicine. *Analytical Methods*, **2021**, 13, 3092-3100	3.2	1
349	Metabolic profile of chiral cobalt oxide nanoparticles in vitro and in vivo. *Nano Research*, **2021**, 14, 2451	10	1
348	Ultrasensitive immunochromatographic strip for the detection of cyhalothrin in foods. *Analytical Methods*, **2021**, 13, 3040-3049	3.2	1
347	Ultrasensitive immunochromatographic strip assay for the detection of diminazene. *Analyst, The*, **2021**, 146, 4927-4933	5	0
346	Sensitive Lateral Flow Immunoassay for the Residues of Imidocarb in Milk and Beef Samples. *ACS Omega*, **2021**, 6, 2559-2569	3.9	3
345	A colloidal gold immunochromatographic strip for quantitative detection of azoxystrobin in vegetables. *New Journal of Chemistry*, **2021**, 45, 9002-9009	3.6	2
344	Simultaneous detection of phenacetin and paracetamol using ELISA and a gold nanoparticle-based immunochromatographic test strip. *Analyst, The*, **2021**, 146, 6228-6238	5	2
343	A fluorescent paper biosensor for the rapid and ultrasensitive detection of zearalenone in corn and wheat. *Analytical Methods*, **2021**, 13, 3970-3977	3.2	5
342	Development of immunochromatographic strips for the detection of dicofol. *Analyst, The*, **2021**, 146, 2240-2247	5	7
341	Integration of antibody-antigen and receptor-ligand reactions to establish a gold strip biosensor for detection of 33 β-lactam antibiotics. *Science China Materials*, **2021**, 64, 2056-2066	7.1	3
340	Ultrasensitive and simultaneous detection of 6 nonsteroidal anti-inflammatory drugs by colloidal gold strip sensor. *Journal of Dairy Science*, **2021**, 104, 2529-2538	4	2
339	Gold nanoparticle-based immunochromatographic assay for detection in water and food samples. *Food Chemistry: X*, **2021**, 9, 100117	4.7	7
338	Carbon Deposition and Permeation on Nickel Surfaces in Operando Conditions: A Theoretical Study. *Journal of Physical Chemistry C*, **2021**, 125, 7166-7177	3.8	3
337	Single-Molecule Binding Assay Using Nanopores and Dimeric NP Conjugates. *Advanced Materials*, **2021**, 33, e2103067	24	8
336	Improved Reactive Oxygen Species Generation by Chiral Co O Supraparticles under Electromagnetic Fields. *Angewandte Chemie - International Edition*, **2021**, 60, 18240-18246	16.4	9
335	Tailored Chiral Copper Selenide Nanochannels for Ultrasensitive Enantioselective Recognition and Detection. *Angewandte Chemie - International Edition*, **2021**, 60, 24997-25004	16.4	1
334	Haptically Quantifying Young's Modulus of Soft Materials Using a Self-Locked Stretchable Strain Sensor. *Advanced Materials*, **2021**, e2104078	24	10
333	Lateral flow immunoassay for the simultaneous detection of fipronil and its metabolites in food samples. *Food Chemistry*, **2021**, 356, 129710	8.5	12

332	An immunochromatographic sensor for ultrasensitive and direct detection of histamine in fish. *Journal of Hazardous Materials*, **2021**, 419, 126533	12.8	11
331	A gold-based strip sensor for the detection of benzo[]pyrene in edible oils. *Analyst, The*, **2021**, 146, 3871-3879	5	1
330	Electrochemical detection of heavy metal ions in water. *Chemical Communications*, **2021**, 57, 7215-7231	5.8	20
329	An ultrasensitive fluorescent paper sensor for fast screening of berberine. *New Journal of Chemistry*, **2021**, 45, 13080-13087	3.6	1
328	Self-limiting self-assembly of supraparticles for potential biological applications. *Nanoscale*, **2021**, 13, 2302-2311	7.7	6
327	Methods for quantifying phenolphthalein in slimming tea. *Journal of Materials Chemistry B*, **2021**, 9, 3856-3862	7.3	3
326	A paper-based sensor for rapid and ultrasensitive detection of ibuprofen in water and herbal tea. *Analyst, The*, **2021**, 146, 6874-6882	5	3
325	A Comparative Study of Approaches to Improve the Sensitivity of Lateral Flow Immunoassay of the Antibiotic Lincomycin. *Biosensors*, **2020**, 10,	5.9	2
324	DNA-Driven Two-Layer Core-Satellite Gold Nanostructures for Ultrasensitive MicroRNA Detection in Living Cells. *Small*, **2020**, 16, e2000003	11	23
323	Chiral Cu Co S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. *Angewandte Chemie - International Edition*, **2020**, 59, 13915-13922	16.4	15
322	Profiling and Identification of Biocatalyzed Transformation of Sulfoxaflor In Vivo. *Angewandte Chemie - International Edition*, **2020**, 59, 16218-16224	16.4	9
321	Chiral CuxCoyS Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. *Angewandte Chemie*, **2020**, 132, 14019-14026	3.6	7
320	Rapid, ultrasensitive and highly specific biosensor for the diagnosis of SARS-CoV-2 in clinical blood samples. *Materials Chemistry Frontiers*, **2020**, 4, 2000-2005	7.8	32
319	Development of a gold nanoparticle-based lateral-flow strip for the detection of dinitolmide in chicken tissue. *Analytical Methods*, **2020**, 12, 3210-3217	3.2	12
318	Rapid detection of 21 β-lactams using an immunochromatographic assay based on the mutant BlaR-CTD protein from Bacillus Licheniformis. *Analyst, The*, **2020**, 145, 3257-3265	5	9
317	Ultrasensitive immunochromatographic strips for fast screening of the nicarbazin marker in chicken breast and liver samples based on monoclonal antibodies. *Analytical Methods*, **2020**, 12, 2143-2151	3.2	4
316	A colloidal gold immunochromatography test strip based on a monoclonal antibody for the rapid detection of triadimefon and triadimenol in foods. *Food and Agricultural Immunology*, **2020**, 31, 447-462	2.9	5
315	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. *Angewandte Chemie*, **2020**, 132, 8776-8783	3.6	5

314	DNA-Based Plasmonic Heterogeneous Nanostructures: Building, Optical Responses, and Bioapplications. *Advanced Materials*, **2020**, 32, e1907880	24	25
313	An NIR-Responsive DNA-Mediated Nanotetrahedron Enhances the Clearance of Senescent Cells. *Advanced Materials*, **2020**, 32, e2000184	24	21
312	Chiral AuCuAu Heterogeneous Nanorods with Tailored Optical Activity. *Advanced Functional Materials*, **2020**, 30, 2000670	15.6	19
311	Development of an ic-ELISA and colloidal gold strip for the detection of the beta-blocker carazolol. *Food and Agricultural Immunology*, **2020**, 31, 217-230	2.9	17
310	Development of an ic-ELISA and an immunochromatographic strip assay for the detection of aconitine. *Food and Agricultural Immunology*, **2020**, 31, 243-254	2.9	6
309	Development of a double immunochromatographic test system for simultaneous determination of lincomycin and tylosin antibiotics in foodstuffs. *Food Chemistry*, **2020**, 318, 126510	8.5	11
308	A gold nanoparticle-based lateral flow immunosensor for ultrasensitive detection of tetrodotoxin. *Analyst, The*, **2020**, 145, 2143-2151	5	15
307	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent Amyloidopathy In Vivo. *Angewandte Chemie*, **2020**, 132, 7197-7204	3.6	6
306	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent Amyloidopathy In Vivo. *Angewandte Chemie - International Edition*, **2020**, 59, 7131-7138	16.4	38
305	Colloidal Gold Immunochromatographic Strip Assay for the Detection of Azaperone in Pork and Pork Liver. *ACS Omega*, **2020**, 5, 1346-1351	3.9	5
304	Development of a monoclonal antibody-based immunochromatographic assay for the detection of carbamazepine and carbamazepine-10, 11-epoxide. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1141, 122036	3.2	14
303	Colloidal Gold Immunochromatographic Assay for Rapid Detection of Carbadox and Cyadox in Chicken Breast. *ACS Omega*, **2020**, 5, 1422-1429	3.9	10
302	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. *Angewandte Chemie - International Edition*, **2020**, 59, 8698-8705	16.4	12
301	An immunochromatographic test system for the determination of lincomycin in foodstuffs of animal origin. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1141, 122014	3.2	11
300	Development of Indirect Competitive Enzyme-Linked Immunosorbent Assay and Lateral-Flow Immunochromatographic Strip for the Detection of Digoxin in Human Blood. *ACS Omega*, **2020**, 5, 1371-1376	3.9	6
299	DNA-Driven Nanoparticle Assemblies for Biosensing and Bioimaging. *Topics in Current Chemistry*, **2020**, 378, 18	7.2	11
298	Directing Arrowhead Nanorod Dimers for MicroRNA In Situ Raman Detection in Living Cells. *Advanced Functional Materials*, **2020**, 30, 2001451	15.6	18
297	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. *Advanced Materials*, **2020**, 32, e1906580	24	29

296	Production of a monoclonal antibody for the detection of vitamin B and its use in an indirect enzyme-linked immunosorbent assay and immunochromatographic strip. *Journal of Materials Chemistry B*, **2020**, 8, 1935-1943	7.3	22
295	Gold Immunochromatographic Assay for Rapid On-Site Detection of Lincosamide Residues in Milk, Egg, Beef, and Honey Samples. *Biotechnology Journal*, **2020**, 15, e1900174	5.6	6
294	Gold immunochromatographic assay for simultaneous detection of sibutramine and sildenafil in slimming tea and coffee. *Science China Materials*, **2020**, 63, 654-659	7.1	17
293	Rapid and sensitive detection of diclazuril in chicken samples using a gold nanoparticle-based lateral-flow strip. *Food Chemistry*, **2020**, 312, 126116	8.5	45
292	Tetrahedron Probes for Ultrasensitive Detection of Telomerase and Surface Glycoprotein Activity in Living Cells. *Analytical Chemistry*, **2020**, 92, 2310-2315	7.8	21
291	Preparing monoclonal antibodies and developing immunochromatographic strips for paraquat determination in water. *Food Chemistry*, **2020**, 311, 125897	8.5	38
290	Chiromagnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. *Small*, **2020**, 16, e1905734	11	5
289	Detection of aminophylline in serum using an immunochromatographic strip test. *Food and Agricultural Immunology*, **2020**, 31, 33-44	2.9	11
288	Visible and eco-friendly immunoassays for the detection of cyclopiazonic acid in maize and rice. *Journal of Food Science*, **2020**, 85, 105-113	3.4	9
287	Advances in immunoassays for organophosphorus and pyrethroid pesticides. *TrAC - Trends in Analytical Chemistry*, **2020**, 131, 116022	14.6	23
286	Europium nanosphere-based fluorescence strip sensor for ultrasensitive and quantitative determination of fumonisin B. *Analytical Methods*, **2020**, 12, 5229-5235	3.2	6
285	Portable Food-Freshness Prediction Platform Based on Colorimetric Barcode Combinatorics and Deep Convolutional Neural Networks. *Advanced Materials*, **2020**, 32, e2004805	24	38
284	Development of an ic-ELISA and Immunochromatographic Strip Assay for the Detection of Diacetoxyscirpenol in Rice. *ACS Omega*, **2020**, 5, 17876-17882	3.9	11
283	Immunochromatographic test strip for the rapid detection of tricaine in fish samples. *Food and Agricultural Immunology*, **2020**, 31, 687-699	2.9	6
282	Development of an immunocolloidal strip for rapid detection of picoxystrobin. *Food and Agricultural Immunology*, **2020**, 31, 711-722	2.9	7
281	Rapid and Sensitive Immunochromatographic Method-Based Monoclonal Antibody for the Quantitative Detection of Metalaxyl in Tobacco. *ACS Omega*, **2020**, 5, 18168-18175	3.9	4
280	Rapid quantitative determination of fentanyl in human urine and serum using a gold-based immunochromatographic strip sensor. *Journal of Materials Chemistry B*, **2020**, 8, 8573-8584	7.3	17
279	Rapid detection of triazophos in cucumber using lateral flow immunochromatographic assay. *Food and Agricultural Immunology*, **2020**, 31, 1051-1060	2.9	4

278	Engineering of chiral nanomaterials for biomimetic catalysis. *Chemical Science*, **2020**, 11, 12937-12954	9.4	13
277	Development and comparison of two nanomaterial label-based lateral flow immunoassays for the detection of five antibacterial synergists. *New Journal of Chemistry*, **2020**, 44, 16501-16510	3.6	7
276	Highly sensitive lateral flow test with indirect labelling for zearalenone in baby food. *Food and Agricultural Immunology*, **2020**, 31, 653-666	2.9	3
275	Rapid and sensitive detection of ochratoxin A in rice flour using a fluorescent microsphere immunochromatographic test strip assay. *Food and Agricultural Immunology*, **2020**, 31, 563-574	2.9	3
274	Rapid detection of rifampicin in fish using immunochromatographic strips. *Food and Agricultural Immunology*, **2020**, 31, 700-710	2.9	1
273	Development of a gold immunochromatographic strip for the rapid detection of 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) in catfish. *Food and Agricultural Immunology*, **2020**, 31, 751-763	2.9	1
272	Fast determination of citreoviridin residues in rice using a monoclonal antibody-based immunochromatographic strip assay. *Food and Agricultural Immunology*, **2020**, 31, 893-906	2.9	8
271	Development of a fluorescent quantification strip assay for the detection of lead. *Food and Agricultural Immunology*, **2020**, 31, 642-652	2.9	1
270	Gold nanoparticle-based lateral flow strips for rapid and sensitive detection of Virginiamycin M1. *Food and Agricultural Immunology*, **2020**, 31, 764-777	2.9	2
269	Immunoassays for rapid mycotoxin detection: state of the art. *Analyst, The*, **2020**, 145, 7088-7102	5	15
268	Artificial Chiral Probes and Bioapplications. *Advanced Materials*, **2020**, 32, e1802075	24	52
267	Plasmonic Nanoparticles with Supramolecular Recognition. *Advanced Functional Materials*, **2020**, 30, 1902082	15.6	36
266	Gold Immunochromatography Assay for the Rapid Detection of Spiramycin in Milk and Beef Samples Based on a Monoclonal Antibody. *Biotechnology Journal*, **2020**, 15, e1900224	5.6	4
265	Present and Future of Surface-Enhanced Raman Scattering. *ACS Nano*, **2020**, 14, 28-117	16.7	1000
264	A colloidal gold immunochromatography test strip based on a monoclonal antibody for the rapid detection of triadimefon and triadimenol in foods. *Food and Agricultural Immunology*, **2020**, 31, 475-488	2.9	8
263	Development of a fluorescent immunoassay strip for the rapid quantitative detection of cadmium in rice. *Food and Agricultural Immunology*, **2020**, 31, 501-512	2.9	10
262	Development of a gold nanoparticle-based strip assay for detection of clopidol in the chicken. *Food and Agricultural Immunology*, **2020**, 31, 489-500	2.9	4
261	Nucleic Acids Analysis. *Science China Chemistry*, **2020**, 64, 1-33	7.9	33

260	Self-Assembled Gold Arrays That Allow Rectification by Nanoscale Selectivity. *Angewandte Chemie - International Edition*, **2019**, 58, 17418-17424	16.4	6
259	Development of an immunochromatographic strip for the detection of rosiglitazone in functional foods based on monoclonal antibodies. *Analytical Methods*, **2019**, 11, 4910-4916	3.2	5
258	A paper-based colorimetric assay for rapid detection of four macrolides in milk. *Materials Chemistry Frontiers*, **2019**, 3, 2175-2183	7.8	7
257	Rapid detection of praziquantel using monoclonal antibody-based ic-ELISA and immunochromatographic strips. *Food and Agricultural Immunology*, **2019**, 30, 913-923	2.9	18
256	Development of an immunochromatography assay for salinomycin and methyl salinomycin in honey. *Food and Agricultural Immunology*, **2019**, 30, 995-1006	2.9	14
255	Nanoparticle-based sensors for food contaminants. *TrAC - Trends in Analytical Chemistry*, **2019**, 113, 74-83	14.6	86
254	Circular Polarized Light Activated Chiral Satellite Nanoprobes for the Imaging and Analysis of Multiple Metal Ions in Living Cells. *Angewandte Chemie - International Edition*, **2019**, 58, 3913-3917	16.4	52
253	Circular Polarized Light Activated Chiral Satellite Nanoprobes for the Imaging and Analysis of Multiple Metal Ions in Living Cells. *Angewandte Chemie*, **2019**, 131, 3953-3957	3.6	19
252	Circularly Polarized Light Triggers Biosensing Based on Chiral Assemblies. *Chemistry - A European Journal*, **2019**, 25, 12235-12240	4.8	13
251	A sensitive lateral flow immunoassay for the multiple residues of five adamantanes. *Food and Agricultural Immunology*, **2019**, 30, 647-661	2.9	8
250	Development of a lateral flow immunoassay for the simultaneous detection of four dipyrone metabolites in milk. *Analytical Methods*, **2019**, 11, 3041-3052	3.2	5
249	Au@gap@AuAg Nanorod Side-by-Side Assemblies for Ultrasensitive SERS Detection of Mercury and its Transformation. *Small*, **2019**, 15, e1901958	11	35
248	Development of a sandwich ELISA and immunochromatographic strip for the detection of shrimp tropomyosin. *Food and Agricultural Immunology*, **2019**, 30, 606-619	2.9	24
247	Pt NPs catalyzed chemiluminescence method for Hg detection based on a flow injection system. *Electrophoresis*, **2019**, 40, 2218-2226	3.6	10
246	Development of monoclonal antibody-based colloidal gold immunochromatographic assay for analysis of halofuginone in milk. *Food and Agricultural Immunology*, **2019**, 30, 112-122	2.9	26
245	An immunochromatographic strip sensor for sildenafil and its analogues. *Journal of Materials Chemistry B*, **2019**, 7, 6383-6389	7.3	16
244	An Ultrasensitive Electrochemical Immunosensor for Nonylphenol Leachate from Instant Noodle Containers in Southeast Asia. *Chemistry - A European Journal*, **2019**, 25, 7023-7030	4.8	5
243	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. *Angewandte Chemie - International Edition*, **2019**, 58, 7371-7374	16.4	55

242	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. *Angewandte Chemie*, **2019**, 131, 7449-7452	3.6	22
241	Ultrasensitive and eco-friendly immunoassays based monoclonal antibody for detection of deoxynivalenol in cereal and feed samples. *Food Chemistry*, **2019**, 270, 130-137	8.5	50
240	Development of an immunochromatographic strip test for rapid detection of sodium nifurstyrenate in fish. *Food and Agricultural Immunology*, **2019**, 30, 236-247	2.9	17
239	IC-ELISA and immunochromatographic strip assay based monoclonal antibody for the rapid detection of bisphenol S. *Food and Agricultural Immunology*, **2019**, 30, 633-646	2.9	14
238	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. *Advanced Materials*, **2019**, 31, e1903200	24	34
237	Preparation of an anti-isoprocarb monoclonal antibody and its application in developing an immunochromatographic strip assay. *Biomedical Chromatography*, **2019**, 33, e4660	1.7	4
236	Porous Cu Co S Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. *Angewandte Chemie - International Edition*, **2019**, 58, 19067-19072	16.4	10
235	Self-Assembled Gold Arrays That Allow Rectification by Nanoscale Selectivity. *Angewandte Chemie*, **2019**, 131, 17579-17585	3.6	1
234	Porous CuxCoyS Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. *Angewandte Chemie*, **2019**, 131, 19243-19248	3.6	2
233	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. *Nature Communications*, **2019**, 10, 4826	17.4	46
232	Chiral Core-Shell Upconversion Nanoparticle@MOF Nanoassemblies for Quantification and Bioimaging of Reactive Oxygen Species. *Journal of the American Chemical Society*, **2019**, 141, 19373-19378	16.4	73
231	Quantitative zeptomolar imaging of miRNA cancer markers with nanoparticle assemblies. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 3391-3400	11.5	52
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