

List of Publications by Citations

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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.

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	Present and Future of Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2020 , 14, 28-117	16.7	1000
402	Chiral Inorganic Nanostructures. <i>Chemical Reviews</i> , 2017 , 117, 8041-8093	68.1	435
401	Attomolar DNA detection with chiral nanorod assemblies. <i>Nature Communications</i> , 2013 , 4, 2689	17.4	381
400	Dual-Mode Ultrasensitive Quantification of MicroRNA in Living Cells by Chiroplasmonic Nanopyramids Self-Assembled from Gold and Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 306-12	16.4	329
399	Self-assembly of chiral nanoparticle pyramids with strong R/S optical activity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15114-21	16.4	316
398	Light-controlled self-assembly of semiconductor nanoparticles into twisted ribbons. <i>Science</i> , 2010 , 327, 1355-9	33.3	303
397	Unexpected chirality of nanoparticle dimers and ultrasensitive chiroplasmonic bioanalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18629-36	16.4	241
396	SERS encoded silver pyramids for attomolar detection of multiplexed disease biomarkers. <i>Advanced Materials</i> , 2015 , 27, 1706-11	24	240
395	Regiospecific plasmonic assemblies for in situ Raman spectroscopy in live cells. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1699-709	16.4	240
394	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
393	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
392	Hierarchical Plasmonic Nanorods and Upconversion Core-Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy. <i>Advanced Materials</i> , 2016 , 28, 898-904	24	215
391	Dual Quantification of MicroRNAs and Telomerase in Living Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11752-11759	16.4	209
390	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
389	Dynamic nanoparticle assemblies. <i>Accounts of Chemical Research</i> , 2012 , 45, 1916-26	24.3	198
388	A SERS active gold nanostar dimer for mercury ion detection. <i>Chemical Communications</i> , 2013 , 49, 4989-91	18	189
387	Nanoparticle assemblies: dimensional transformation of nanomaterials and scalability. <i>Chemical Society Reviews</i> , 2013 , 42, 3114-26	58.5	188

386	Chiral plasmonics of self-assembled nanorod dimers. <i>Scientific Reports</i> , 2013 , 3, 1934	4.9	165
385	SERS-active Au@Ag nanorod dimers for ultrasensitive dopamine detection. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 7-12	11.8	146
384	Shell-engineered chiroplasmonic assemblies of nanoparticles for zeptomolar DNA detection. <i>Nano Letters</i> , 2014 , 14, 3908-13	11.5	145
383	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
382	Chiral Molecule-mediated Porous Cu O Nanoparticle Clusters with Antioxidation Activity for Ameliorating Parkinson's Disease. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1091-1099	16.4	134
381	Fluorescent strip sensor for rapid determination of toxins. <i>Chemical Communications</i> , 2011 , 47, 1574-6	5.8	133
380	Site-selective photoinduced cleavage and profiling of DNA by chiral semiconductor nanoparticles. <i>Nature Chemistry</i> , 2018 , 10, 821-830	17.6	120
379	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
378	Building an aptamer/graphene oxide FRET biosensor for one-step detection of bisphenol A. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7492-6	9.5	115
377	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
376	A SERS-active sensor based on heterogeneous gold nanostar core-silver nanoparticle satellite assemblies for ultrasensitive detection of aflatoxin B1. <i>Nanoscale</i> , 2016 , 8, 1873-8	7.7	113
375	Multigaps Embedded Nanoassemblies Enhance In Situ Raman Spectroscopy for Intracellular Telomerase Activity Sensing. <i>Advanced Functional Materials</i> , 2016 , 26, 1602-1608	15.6	109
374	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
373	A Chiral-Nanoassemblies-Enabled Strategy for Simultaneously Profiling Surface Glycoprotein and MicroRNA in Living Cells. <i>Advanced Materials</i> , 2017 , 29, 1703410	24	102
372	Water-Rich Biomimetic Composites with Abiotic Self-Organizing Nanofiber Network. <i>Advanced Materials</i> , 2018 , 30, 1703343	24	94
371	Ultrasensitive SERS detection of mercury based on the assembled gold nanochains. <i>Biosensors and Bioelectronics</i> , 2015 , 67, 472-6	11.8	93
370	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10544-10548	16.4	93
369	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

368	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , 2017 , 29, 1606086	24	91
367	Triple Raman Label-Encoded Gold Nanoparticle Trimers for Simultaneous Heavy Metal Ion Detection. <i>Small</i> , 2015 , 11, 3435-9	11	91
366	Gold nanorod assembly based approach to toxin detection by SERS. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2387-2391		89
365	Nanoparticle-based sensors for food contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 74-83	14.6	86
364	Unusual Circularly Polarized Photocatalytic Activity in Nanogapped Gold/Silver Chiroplasmonic Nanostructures. <i>Advanced Functional Materials</i> , 2015 , 25, 5816-5822	15.6	85
363	A one-step homogeneous plasmonic circular dichroism detection of aqueous mercury ions using nucleic acid functionalized gold nanorods. <i>Chemical Communications</i> , 2012 , 48, 11889-91	5.8	85
362	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
361	Rapid and sensitive detection of β -agonists using a portable fluorescence biosensor based on fluorescent nanosilica and a lateral flow test strip. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 62-5	11.8	84
360	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
359	Environmentally responsive plasmonic nanoassemblies for biosensing. <i>Chemical Society Reviews</i> , 2018 , 47, 4677-4696	58.5	78
358	A SERS active bimetallic core-satellite nanostructure for the ultrasensitive detection of Mucin-1. <i>Chemical Communications</i> , 2015 , 51, 14761-3	5.8	77
357	Gold-Quantum Dot Core-Satellite Assemblies for Lighting Up MicroRNA In Vitro and In Vivo. <i>Small</i> , 2016 , 12, 4662-8	11	77
356	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
355	Intracellular localization of nanoparticle dimers by chirality reversal. <i>Nature Communications</i> , 2017 , 8, 1847	17.4	76
354	Ultrasensitive aptamer-based SERS detection of PSAs by heterogeneous satellite nanoassemblies. <i>Chemical Communications</i> , 2014 , 50, 9737-40	5.8	75
353	Dual amplified electrochemical immunosensor for highly sensitive detection of <i>Pantoea stewartii</i> subsp. <i>stewartii</i> . <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21178-83	9.5	74
352	Chiral Core-Shell Upconversion Nanoparticle@MOF Nanoassemblies for Quantification and Bioimaging of Reactive Oxygen Species. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19373-19378	16.4	73
351	A Singlet Oxygen Generating Agent by Chirality-dependent Plasmonic Shell-Satellite Nanoassembly. <i>Advanced Materials</i> , 2017 , 29, 1606864	24	71

350	Chirality based sensor for bisphenol A detection. <i>Chemical Communications</i> , 2012 , 48, 5760-2	5.8	71
349	Alternating Plasmonic Nanoparticle Heterochains Made by Polymerase Chain Reaction and Their Optical Properties. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 641-7	6.4	69
348	Development of an immunochromatographic strip test for rapid detection of ciprofloxacin in milk samples. <i>Sensors</i> , 2014 , 14, 16785-98	3.8	67
347	Chirality-based Au@Ag Nanorod Dimers Sensor for Ultrasensitive PSA Detection. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12708-12	9.5	66
346	Tuning the interactions between chiral plasmonic films and living cells. <i>Nature Communications</i> , 2017 , 8, 2007	17.4	65
345	Development of a Broad Specific Monoclonal Antibody for Fluoroquinolone Analysis. <i>Food Analytical Methods</i> , 2014 , 7, 2163-2168	3.4	62
344	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
343	Gold immunochromatographic sensor for the rapid detection of twenty-six sulfonamides in foods. <i>Nano Research</i> , 2017 , 10, 2833-2844	10	61
342	Development of an ELISA and immunochromatographic strip for highly sensitive detection of microcystin-LR. <i>Sensors</i> , 2014 , 14, 14672-85	3.8	61
341	Building SERS-active heteroassemblies for ultrasensitive Bisphenol A detection. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 138-142	11.8	59
340	Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities. <i>Advanced Functional Materials</i> , 2015 , 25, 850-854	15.6	59
339	Ultrasensitive Detection of Prostate-Specific Antigen and Thrombin Based on Gold-Upconversion Nanoparticle Assembled Pyramids. <i>Small</i> , 2017 , 13, 1603944	11	58
338	Chirality-Based Biosensors. <i>Advanced Functional Materials</i> , 2019 , 29, 1805512	15.6	58
337	Multiplex lateral flow immunoassay for five antibiotics detection based on gold nanoparticle aggregations. <i>RSC Advances</i> , 2016 , 6, 7798-7805	3.7	56
336	Development of a monoclonal antibody-based immunochromatographic strip for cephalexin. <i>Food and Agricultural Immunology</i> , 2015 , 26, 282-292	2.9	56
335	Asymmetric plasmonic aptasensor for sensitive detection of bisphenol A. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 364-9	9.5	56
334	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7371-7374	16.4	55
333	Self-organization of plasmonic and excitonic nanoparticles into resonant chiral supraparticle assemblies. <i>Nano Letters</i> , 2014 , 14, 6799-810	11.5	55

332	A gold immunochromatographic assay for the rapid and simultaneous detection of fifteen β -lactams. <i>Nanoscale</i> , 2015 , 7, 16381-8	7.7	53
331	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
330	Biocompatible Cup-Shaped Nanocrystal with Ultrahigh Photothermal Efficiency as Tumor Therapeutic Agent. <i>Advanced Functional Materials</i> , 2017 , 27, 1700605	15.6	52
329	Circular Polarized Light Activated Chiral Satellite Nanoprobes for the Imaging and Analysis of Multiple Metal Ions in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3913-3917	16.4	52
328	Sensitive Detection of Silver Ions Based on Chiroplasmonic Assemblies of Nanoparticles. <i>Advanced Optical Materials</i> , 2013 , 1, 626-630	8.1	52
327	Quantitative zeptomolar imaging of miRNA cancer markers with nanoparticle assemblies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3391-3400	11.5	52
326	Artificial Chiral Probes and Bioapplications. <i>Advanced Materials</i> , 2020 , 32, e1802075	24	52
325	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
324	Femtogram ultrasensitive aptasensor for the detection of Ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2013 , 42, 545-9	11.8	50
323	Gold Nanoparticle-Based Paper Sensor for Simultaneous Detection of 11 Benzimidazoles by One Monoclonal Antibody. <i>Small</i> , 2018 , 14, 1701782	11	49
322	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
321	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. <i>Nature Communications</i> , 2019 , 10, 4826	17.4	46
320	Highly selective recognition and ultrasensitive quantification of enantiomers. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4478-4483	7.3	46
319	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
318	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
317	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
316	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
315	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

314	Spiky Fe ₃ O ₄ @Au Supraparticles for Multimodal In Vivo Imaging. <i>Advanced Functional Materials</i> , 2018 , 28, 1800310	15.6	44
313	Spiny Nanorod and Upconversion Nanoparticle Satellite Assemblies for Ultrasensitive Detection of Messenger RNA in Living Cells. <i>Analytical Chemistry</i> , 2018 , 90, 5414-5421	7.8	44
312	Ultrasensitive SERS detection of VEGF based on a self-assembled Ag ornamented-AU pyramid superstructure. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 593-597	11.8	44
311	Chirality on Hierarchical Self-Assembly of Au@AuAg Yolk@Shell Nanorods into Core@Satellite Superstructures for Biosensing in Human Cells. <i>Advanced Functional Materials</i> , 2018 , 28, 1802372	15.6	43
310	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
309	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
308	Pyramidal sensor platform with reversible chiroptical signals for DNA detection. <i>Small</i> , 2014 , 10, 4293-7	11	42
307	Direct observation of selective autophagy induction in cells and tissues by self-assembled chiral nanodevice. <i>Nature Communications</i> , 2018 , 9, 4494	17.4	42
306	SERS encoded nanoparticle heterodimers for the ultrasensitive detection of folic acid. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 55-8	11.8	41
305	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
304	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
303	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , 2016 , 26, 7352-7358	15.6	41
302	Self-assembled nanoparticle dimers with contemporarily relevant properties and emerging applications. <i>Materials Today</i> , 2016 , 19, 595-606	21.8	41
301	Development of a monoclonal antibody-based sandwich ELISA for the detection of ovalbumin in foods. <i>Food and Agricultural Immunology</i> , 2014 , 25, 1-8	2.9	41
300	Simple, rapid and sensitive detection of antibiotics based on the side-by-side assembly of gold nanorod probes. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4387-92	11.8	41
299	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
298	Chiral Shell Core-Satellite Nanostructures for Ultrasensitive Detection of Mycotoxin. <i>Small</i> , 2018 , 14, e1703931	11	40
297	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

296	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent β -Amyloidopathy In Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7131-7138	16.4	38
295	Assembled plasmonic asymmetric heterodimers with tailorable chiroptical response. <i>Small</i> , 2014 , 10, 1805-12	11	38
294	Preparing monoclonal antibodies and developing immunochromatographic strips for paraquat determination in water. <i>Food Chemistry</i> , 2020 , 311, 125897	8.5	38
293	Portable Food-Freshness Prediction Platform Based on Colorimetric Barcode Combinatorics and Deep Convolutional Neural Networks. <i>Advanced Materials</i> , 2020 , 32, e2004805	24	38
292	Chiral Upconversion Heterodimers for Quantitative Analysis and Bioimaging of Antibiotic-Resistant Bacteria In Vivo. <i>Advanced Materials</i> , 2018 , 30, e1804241	24	38
291	Tuning of chiral construction, structural diversity, scale transformation and chiroptical applications. <i>Materials Horizons</i> , 2018 , 5, 141-161	14.4	37
290	Plasmonic Core-Satellites Nanostructures with High Chirality and Bioproperty. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2379-84	6.4	37
289	Enantiomer-dependent immunological response to chiral nanoparticles.. <i>Nature</i> , 2022 , 601, 366-373	50.4	36
288	Plasmonic Nanoparticles with Supramolecular Recognition. <i>Advanced Functional Materials</i> , 2020 , 30, 1902082	15.6	36
287	Stimulation of neural stem cell differentiation by circularly polarized light transduced by chiral nanoassemblies. <i>Nature Biomedical Engineering</i> , 2021 , 5, 103-113	19	36
286	Shell-encoded Au nanoparticles with tunable electroactivity for specific dual disease biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 193-200	11.8	36
285	Heterostructures of MOFs and Nanorods for Multimodal Imaging. <i>Advanced Functional Materials</i> , 2018 , 28, 1805320	15.6	36
284	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
283	Au@gap@AuAg Nanorod Side-by-Side Assemblies for Ultrasensitive SERS Detection of Mercury and its Transformation. <i>Small</i> , 2019 , 15, e1901958	11	35
282	Development of sensitive and fast immunoassays for amantadine detection. <i>Food and Agricultural Immunology</i> , 2016 , 27, 678-688	2.9	35
281	Nanoscale superstructures assembled by polymerase chain reaction (PCR): programmable construction, structural diversity, and emerging applications. <i>Accounts of Chemical Research</i> , 2013 , 46, 2341-54	24.3	35
280	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
279	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

278	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. <i>Advanced Materials</i> , 2019 , 31, e1903200	24	34
277	Upconversion luminescence nanoparticles-based lateral flow immunochromatographic assay for cephalexin detection. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9637-9642	7.1	34
276	Asymmetric and symmetric PCR of gold nanoparticles: A pathway to scaled-up self-assembly with tunable chirality. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5574		34
275	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
274	Template-Free Hierarchical Self-Assembly of Iron Diselenide Nanoparticles into Mesoscale Hedgehogs. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16630-16639	16.4	33
273	General immunoassay for pyrethroids based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2014 , 25, 341-349	2.9	33
272	Regioselective plasmonic nano-assemblies for bimodal sub-femtomolar dopamine detection. <i>Nanoscale</i> , 2017 , 9, 223-229	7.7	33
271	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
270	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
269	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
268	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , 2016 , 8, 15008-15	7.7	32
267	Orientational nanoparticle assemblies and biosensors. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 220-36	11.8	32
266	Development of an enzyme-linked immunosorbent assay for dibutyl phthalate in liquor. <i>Sensors</i> , 2013 , 13, 8331-9	3.8	31
265	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
264	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
263	Rapid detection of aldicarb in cucumber with an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2017 , 28, 427-438	2.9	29
262	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. <i>Advanced Materials</i> , 2020 , 32, e1906580	24	29
261	Wash-free magnetic oligonucleotide probes-based NMR sensor for detecting the Hg ion. <i>Chemical Communications</i> , 2011 , 47, 12503-5	5.8	29

260	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
259	Development of monoclonal antibody and lateral test strip for sensitive detection of clenbuterol and related β -agonists in urine samples. <i>Food and Agricultural Immunology</i> , 2016 , 27, 111-127	2.9	28
258	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
257	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	27
256	Building heterogeneous core-satellite chiral assemblies for ultrasensitive toxin detection. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 554-8	11.8	27
255	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
254	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
253	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
252	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
251	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
250	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
249	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. <i>RSC Advances</i> , 2015 , 5, 73395-73398	3.7	26
248	2D Chiroptical Nanostructures for High-Performance Photooxidants. <i>Advanced Functional Materials</i> , 2018 , 28, 1707237	15.6	26
247	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
246	A Rapid and Semi-Quantitative Gold Nanoparticles Based Strip Sensor for Polymyxin B Sulfate Residues. <i>Nanomaterials</i> , 2018 , 8,	5.4	26
245	Ligation Chain Reaction based gold nanoparticle assembly for ultrasensitive DNA detection. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 8-12	11.8	26
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