

Liguang Xu

List of Publications by Citations

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169
papers

7,180
citations

45
h-index

79
g-index

192
ext. papers

8,771
ext. citations

10.6
avg, IF

6.36
L-index

#	Paper	IF	Citations
169	Chiral Inorganic Nanostructures. <i>Chemical Reviews</i> , 2017 , 117, 8041-8093	68.1	435
168	Attomolar DNA detection with chiral nanorod assemblies. <i>Nature Communications</i> , 2013 , 4, 2689	17.4	381
167	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
166	SERS encoded silver pyramids for attomolar detection of multiplexed disease biomarkers. <i>Advanced Materials</i> , 2015 , 27, 1706-11	24	240
165	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
164	Hierarchical Plasmonic Nanorods and Upconversion Core-Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy. <i>Advanced Materials</i> , 2016 , 28, 898-904	24	215
163	Dual Quantification of MicroRNAs and Telomerase in Living Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11752-11759	16.4	209
162	Nanoparticle assemblies: dimensional transformation of nanomaterials and scalability. <i>Chemical Society Reviews</i> , 2013 , 42, 3114-26	58.5	188
161	SERS-active Au@Ag nanorod dimers for ultrasensitive dopamine detection. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 7-12	11.8	146
160	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
159	Site-selective photoinduced cleavage and profiling of DNA by chiral semiconductor nanoparticles. <i>Nature Chemistry</i> , 2018 , 10, 821-830	17.6	120
158	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
157	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
156	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
155	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
154	A Chiral-Nanoassemblies-Enabled Strategy for Simultaneously Profiling Surface Glycoprotein and MicroRNA in Living Cells. <i>Advanced Materials</i> , 2017 , 29, 1703410	24	102
153	Ultrasensitive SERS detection of mercury based on the assembled gold nanochains. <i>Biosensors and Bioelectronics</i> , 2015 , 67, 472-6	11.8	93

152	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10544-10548	16.4	93
151	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , 2017 , 29, 1606086	24	91
150	Triple Raman Label-Encoded Gold Nanoparticle Trimers for Simultaneous Heavy Metal Ion Detection. <i>Small</i> , 2015 , 11, 3435-9	11	91
149	Gold nanorod assembly based approach to toxin detection by SERS. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2387-2391		89
148	Unusual Circularly Polarized Photocatalytic Activity in Nanogapped Gold/Silver Chiroplasmonic Nanostructures. <i>Advanced Functional Materials</i> , 2015 , 25, 5816-5822	15.6	85
147	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
146	Gold-Quantum Dot Core-Satellite Assemblies for Lighting Up MicroRNA In Vitro and In Vivo. <i>Small</i> , 2016 , 12, 4662-8	11	77
145	Intracellular localization of nanoparticle dimers by chirality reversal. <i>Nature Communications</i> , 2017 , 8, 1847	17.4	76
144	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
143	Preparation and evaluation of superparamagnetic surface molecularly imprinted polymer nanoparticles for selective extraction of bisphenol A in packed food. <i>Analytical Methods</i> , 2011 , 3, 1737	3.2	73
142	Chirality-based Au@Ag Nanorod Dimers Sensor for Ultrasensitive PSA Detection. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12708-12	9.5	66
141	Tuning the interactions between chiral plasmonic films and living cells. <i>Nature Communications</i> , 2017 , 8, 2007	17.4	65
140	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
139	Gold immunochromatographic sensor for the rapid detection of twenty-six sulfonamides in foods. <i>Nano Research</i> , 2017 , 10, 2833-2844	10	61
138	Building SERS-active heteroassemblies for ultrasensitive Bisphenol A detection. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 138-142	11.8	59
137	Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities. <i>Advanced Functional Materials</i> , 2015 , 25, 850-854	15.6	59
136	Ultrasensitive Detection of Prostate-Specific Antigen and Thrombin Based on Gold-Upconversion Nanoparticle Assembled Pyramids. <i>Small</i> , 2017 , 13, 1603944	11	58
135	Chirality-Based Biosensors. <i>Advanced Functional Materials</i> , 2019 , 29, 1805512	15.6	58

134	Gold nanorod ensembles as artificial molecules for applications in sensors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16759		57
133	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7371-7374	16.4	55
132	Biocompatible Cup-Shaped Nanocrystal with Ultrahigh Photothermal Efficiency as Tumor Therapeutic Agent. <i>Advanced Functional Materials</i> , 2017 , 27, 1700605	15.6	52
131	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
130	Sensitive Detection of Silver Ions Based on Chiroplasmonic Assemblies of Nanoparticles. <i>Advanced Optical Materials</i> , 2013 , 1, 626-630	8.1	52
129	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
128	Artificial Chiral Probes and Bioapplications. <i>Advanced Materials</i> , 2020 , 32, e1802075	24	52
127	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
126	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. <i>Nature Communications</i> , 2019 , 10, 4826	17.4	46
125	Highly selective recognition and ultrasensitive quantification of enantiomers. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4478-4483	7.3	46
124	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
123	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
122	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
121	Spiky Fe ₃ O ₄ @Au Supraparticles for Multimodal In Vivo Imaging. <i>Advanced Functional Materials</i> , 2018 , 28, 1800310	15.6	44
120	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
119	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
118	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
117	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

116	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , 2016 , 26, 7352-7358	15.6	41
115	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
114	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
113	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
112	Tuning of chiral construction, structural diversity, scale transformation and chiroptical applications. <i>Materials Horizons</i> , 2018 , 5, 141-161	14.4	37
111	Plasmonic Core-Satellites Nanostructures with High Chirality and Bioproperty. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2379-84	6.4	37
110	Enantiomer-dependent immunological response to chiral nanoparticles.. <i>Nature</i> , 2022 , 601, 366-373	50.4	36
109	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
108	Heterostructures of MOFs and Nanorods for Multimodal Imaging. <i>Advanced Functional Materials</i> , 2018 , 28, 1805320	15.6	36
107	Development of sensitive and fast immunoassays for amantadine detection. <i>Food and Agricultural Immunology</i> , 2016 , 27, 678-688	2.9	35
106	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. <i>Advanced Materials</i> , 2019 , 31, e1903200	24	34
105	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
104	General immunoassay for pyrethroids based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , 2014 , 25, 341-349	2.9	33
103	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , 2016 , 8, 15008-15	7.7	32
102	Oriental nanoparticle assemblies and biosensors. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 220-36	11.8	32
101	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
100	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
99	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. <i>Advanced Materials</i> , 2020 , 32, e1906580	24	29

98	Development of determination of di-n-octyl phthalate (DOP) residue by an indirect enzyme-linked immunosorbent assay. <i>Food and Agricultural Immunology</i> , 2010 , 21, 265-277	2.9	29
97	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
96	Building heterogeneous core-satellite chiral assemblies for ultrasensitive toxin detection. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 554-8	11.8	27
95	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
94	Gold nanoparticle-based strip sensor for multiple detection of twelve Salmonella strains with a genus-specific lipopolysaccharide antibody. <i>Science China Materials</i> , 2016 , 59, 665-674	7.1	27
93	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
92	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. <i>RSC Advances</i> , 2015 , 5, 73395-73398	3.7	26
91	2D Chiroptical Nanostructures for High-Performance Photooxidants. <i>Advanced Functional Materials</i> , 2018 , 28, 1707237	15.6	26
90	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
89	MRI biosensor for lead detection based on the DNzyme-induced catalytic reaction. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 14367-71	3.4	23
88	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. <i>Angewandte Chemie</i> , 2019 , 131, 7449-7452	3.6	22
87	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
86	Preparation of an anti-thiamethoxam monoclonal antibody for development of an indirect competitive enzyme-linked immunosorbent assay and a colloidal gold immunoassay. <i>Food and Agricultural Immunology</i> , 2018 , 29, 1173-1183	2.9	22
85	Up-conversion fluorescence "off-on" switch based on heterogeneous core-satellite assembly for thrombin detection. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 372-5	11.8	21
84	An NIR-Responsive DNA-Mediated Nanotetrahedron Enhances the Clearance of Senescent Cells. <i>Advanced Materials</i> , 2020 , 32, e2000184	24	21
83	Development and application of one-step ELISA for the detection of neomycin in milk. <i>Food and Agricultural Immunology</i> , 2011 , 22, 259-269	2.9	21
82	Tetrahedron Probes for Ultrasensitive Detection of Telomerase and Surface Glycoprotein Activity in Living Cells. <i>Analytical Chemistry</i> , 2020 , 92, 2310-2315	7.8	21
81	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

80	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. <i>Angewandte Chemie</i> , 2018 , 130, 10704-10708	3.6	20
79	Circular Polarized Light Activated Chiral Satellite Nanoprobes for the Imaging and Analysis of Multiple Metal Ions in Living Cells. <i>Angewandte Chemie</i> , 2019 , 131, 3953-3957	3.6	19
78	Immunoassays for the rapid detection of pantothenic acid in pharmaceutical and food products. <i>Food Chemistry</i> , 2021 , 348, 129114	8.5	19
77	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
76	SERS-active Au NR oligomer sensor for ultrasensitive detection of mercury ions. <i>RSC Advances</i> , 2015 , 5, 81802-81807	3.7	18
75	Directing Arrowhead Nanorod Dimers for MicroRNA In Situ Raman Detection in Living Cells. <i>Advanced Functional Materials</i> , 2020 , 30, 2001451	15.6	18
74	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
73	Development of a lateral flow immunoassay for the detection of total malachite green residues in fish tissues. <i>Food and Agricultural Immunology</i> , 2015 , 26, 870-879	2.9	17
72	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
71	An immunochromatographic strip sensor for sildenafil and its analogues. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6383-6389	7.3	16
70	Chirality of self-assembled metal semiconductor nanostructures. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2702-2706	7.1	16
69	Peptide Mediated Chiral Inorganic Nanomaterials for Combating Gram-Negative Bacteria. <i>Advanced Functional Materials</i> , 2018 , 28, 1805112	15.6	16
68	Development and characterisation of an ultrasensitive monoclonal antibody for chloramphenicol. <i>Food and Agricultural Immunology</i> , 2015 , 26, 440-450	2.9	15
67	Chiral Cu Co S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13915-13922	16.4	15
66	Chiral Plasmonic Triangular Nanorings with SERS Activity for Ultrasensitive Detection of Amyloid Proteins in Alzheimer's Disease. <i>Advanced Materials</i> , 2021 , 33, e2102337	24	15
65	Ultrasensitive detection of lead ions based on a DNA-labelled DNAzyme sensor. <i>Analytical Methods</i> , 2015 , 7, 662-666	3.2	14
64	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
63	Development of immunocolloidal strip for rapid detection of pyrimethanil. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1239-1252	2.9	14

62	Circularly Polarized Light Triggers Biosensing Based on Chiral Assemblies. <i>Chemistry - A European Journal</i> , 2019 , 25, 12235-12240	4.8	13
61	Engineering of chiral nanomaterials for biomimetic catalysis. <i>Chemical Science</i> , 2020 , 11, 12937-12954	9.4	13
60	A fluorescence active gold nanorod@quantum dot core@satellite nanostructure for sub-attomolar tumor marker biosensing. <i>RSC Advances</i> , 2015 , 5, 97898-97902	3.7	12
59	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8698-8705	16.4	12
58	Immuno-driven plasmonic oligomer sensor for the ultrasensitive detection of antibiotics. <i>RSC Advances</i> , 2013 , 3, 17294	3.7	12
57	Aptamer-Gated Ion Channel for Ultrasensitive Mucin 1 Detection. <i>Analytical Chemistry</i> , 2021 , 93, 4825-4831	4.3	12
56	Recent Progress on Biomaterials Fighting against Viruses. <i>Advanced Materials</i> , 2021 , 33, e2005424	24	12
55	Ultrasmall Copper (I) Sulfide Nanoparticles Prevent Hepatitis B Virus Infection. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13073-13080	16.4	12
54	Rapid detection of tulathromycin in pure milk and honey with an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2018 , 29, 358-368	2.9	12
53	An immunochromatographic sensor for ultrasensitive and direct detection of histamine in fish. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126533	12.8	11
52	Porous Cu Co S Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 19067-19072	16.4	10
51	Development of a fluorescent immunoassay strip for the rapid quantitative detection of cadmium in rice. <i>Food and Agricultural Immunology</i> , 2020 , 31, 501-512	2.9	10
50	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles.. <i>Nature Nanotechnology</i> , 2022 ,	28.7	10
49	Ultrasensitive detection of seventeen chemicals simultaneously using paper-based sensors. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1900-1910	7.8	9
48	Circular Dichroism-Active Interactions between Fipronil and Neuronal Cells. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 500-507	11	9
47	Improved Reactive Oxygen Species Generation by Chiral Co O Supraparticles under Electromagnetic Fields. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18240-18246	16.4	9
46	A sensitive lateral flow immunoassay for the multiple residues of five adamantanes. <i>Food and Agricultural Immunology</i> , 2019 , 30, 647-661	2.9	8
45	Quick, easy, cheap, effective, rugged and safe strategy for quantifying cadmium polluted rice. <i>Food and Agricultural Immunology</i> , 2016 , 27, 783-795	2.9	8

44	Chiral CuxCoyS Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie</i> , 2020 , 132, 14019-14026	3.6	7
43	Development of an immunocolloidal strip for rapid detection of picoxystrobin. <i>Food and Agricultural Immunology</i> , 2020 , 31, 711-722	2.9	7
42	Sandwich ELISA and immunochromatographic strip of Kunitz trypsin inhibitor using sensitive monoclonal antibodies. <i>Food and Agricultural Immunology</i> , 2016 , 27, 772-782	2.9	7
41	Detection of triclabendazole and three metabolites in bovine muscle samples with a gold nanoparticle-based lateral flow immunoassay. <i>Analytical Methods</i> , 2019 , 11, 5478-5486	3.2	7
40	Gold nanoparticle-based immunochromatographic assay for detection in water and food samples. <i>Food Chemistry: X</i> , 2021 , 9, 100117	4.7	7
39	Self-Assembled Gold Arrays That Allow Rectification by Nanoscale Selectivity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17418-17424	16.4	6
38	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent β Amyloidopathy In Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 7197-7204	3.6	6
37	Europium nanosphere-based fluorescence strip sensor for ultrasensitive and quantitative determination of fumonisin B. <i>Analytical Methods</i> , 2020 , 12, 5229-5235	3.2	6
36	Immunochromatographic test strip for the rapid detection of tricaine in fish samples. <i>Food and Agricultural Immunology</i> , 2020 , 31, 687-699	2.9	6
35	Rapid detection of penbutolol in pig urine using an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , 2018 , 29, 1126-1136	2.9	6
34	Preparation of an anti-4,4'-dinitrocarbanilide monoclonal antibody and its application in an immunochromatographic assay for anticoccidial drugs. <i>Food and Agricultural Immunology</i> , 2018 , 29, 1162-1172	2.9	6
33	Self-limiting self-assembly of supraparticles for potential biological applications. <i>Nanoscale</i> , 2021 , 13, 2302-2311	7.7	6
32	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 8776-8783	3.6	5
31	Biosensors: SERS Encoded Silver Pyramids for Attomolar Detection of Multiplexed Disease Biomarkers (Adv. Mater. 10/2015). <i>Advanced Materials</i> , 2015 , 27, 1799-1799	24	5
30	Chromagnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. <i>Small</i> , 2020 , 16, e1905734	11	5
29	Mercury-DNA interaction based detection of mercury ions by DNA amplification with high sensitivity and selectivity. <i>Food and Agricultural Immunology</i> , 2015 , 26, 512-520	2.9	4
28	Ultrasmall Magneto-chiral Cobalt Hydroxide Nanoparticles Enable Dynamic Detection of Reactive Oxygen Species .. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	4
27	An immunochromatographic assay for the rapid detection of oxadixyl in cucumber, tomato and wine samples.. <i>Food Chemistry</i> , 2022 , 379, 132131	8.5	4

26	Dimensional Surface-Enhanced Raman Scattering Nanostructures for MicroRNA Profiling. <i>Small Structures</i> , 2021 , 2, 2000150	8.7	4
25	Gold Immunochromatography Assay for the Rapid Detection of Spiramycin in Milk and Beef Samples Based on a Monoclonal Antibody. <i>Biotechnology Journal</i> , 2020 , 15, e1900224	5.6	4
24	The development of chiral nanoparticles to target NK cells and CD8 T cells for cancer immunotherapy.. <i>Advanced Materials</i> , 2022 , e2109354	24	4
23	Chirality at nanoscale for bioscience.. <i>Chemical Science</i> , 2022 , 13, 3069-3081	9.4	3
22	An Overview for the Nanoparticles-Based Quantitative Lateral Flow Assay.. <i>Small Methods</i> , 2022 , 6, e2101143	11.3	3
21	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26276-26280	16.4	3
20	Rapid and sensitive detection of ochratoxin A in rice flour using a fluorescent microsphere immunochromatographic test strip assay. <i>Food and Agricultural Immunology</i> , 2020 , 31, 563-574	2.9	3
19	Phototherapy: Hierarchical Plasmonic Nanorods and Upconversion Core@Shell Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy (Adv. Mater. 5/2016). <i>Advanced Materials</i> , 2016 , 28, 897-897	24	3
18	Synthesis of haptens and gold-based immunochromatographic paper sensor for vitamin B6 in energy drinks and dietary supplements. <i>Nano Research</i> , 1	10	3
17	Nanoparticles: Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities (Adv. Funct. Mater. 6/2015). <i>Advanced Functional Materials</i> , 2015 , 25, 987-987	15.6	2
16	Facet-Dependent Biodegradable Mn O Nanoparticles for Ameliorating Parkinson's Disease. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2101316	10.1	2
15	Gold-based immunochromatographic assay strip for the detection of quinclorac in foods. <i>Analyst, The</i> , 2021 , 146, 6831-6839	5	2
14	Self-Assembly of Earth-Abundant Supraparticles with Chiral Interstices for Enantioselective Photocatalysis. <i>ACS Energy Letters</i> , 1405-1412	20.1	2
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