

# Liguang Xu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2133088/liguang-xu-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Enantiomer-dependent immunological response to chiral nanoparticles.. <i>Nature</i> , <b>2022</b> , 601, 366-373	50.4	36
168	Ultrasmall Magneto-chiral Cobalt Hydroxide Nanoparticles Enable Dynamic Detection of Reactive Oxygen Species .. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	4
167	Rapid colloidal gold immunochromatographic assay for the detection of SARS-CoV-2 total antibodies after vaccination.. <i>Journal of Materials Chemistry B</i> , <b>2022</b> ,	7.3	1
166	Chirality at nanoscale for bioscience.. <i>Chemical Science</i> , <b>2022</b> , 13, 3069-3081	9.4	3
165	An Overview for the Nanoparticles-Based Quantitative Lateral Flow Assay.. <i>Small Methods</i> , <b>2022</b> , 6, e2101143	11.3	3
164	An immunochromatographic assay for the rapid detection of oxadixyl in cucumber, tomato and wine samples.. <i>Food Chemistry</i> , <b>2022</b> , 379, 132131	8.5	4
163	Multiple detection of 15 triazine herbicides by gold nanoparticle based-paper sensor.. <i>Nano Research</i> , <b>2022</b> , 1-9	10	0
162	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles.. <i>Nature Nanotechnology</i> , <b>2022</b> ,	28.7	10
161	The development of chiral nanoparticles to target NK cells and CD8 T cells for cancer immunotherapy.. <i>Advanced Materials</i> , <b>2022</b> , e2109354	24	4
160	Chiral Nanocrystals <b>2022</b> , 27-77		
159	A colloidal gold immunochromatographic strip assay for the rapid detection of Shigella in milk and meat products. <i>New Journal of Chemistry</i> , <b>2021</b> , 46, 103-109	3.6	0
158	An ic-ELISA and immunochromatographic strip assay for the detection of 2,4-dichlorophenoxyacetic acid in bean sprouts and cabbage.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 209, 114524	3.5	0
157	A multiplex lateral flow immunochromatography assay for the quantitative detection of pyraclostrobin, myclobutanil, and kresoxim-methyl residues in wheat.. <i>Food Chemistry</i> , <b>2021</b> , 377, 131964	8.5	1
156	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 26480	3.6	0
155	Facet-Dependent Biodegradable Mn O Nanoparticles for Ameliorating Parkinson's Disease. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2101316	10.1	2
154	Chiral Self-Assembled Film from Semiconductor Nanorods with Ultra-Strong Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26276-26280	16.4	3
153	Gold-based immunochromatographic assay strip for the detection of quinclorac in foods. <i>Analyst, The</i> , <b>2021</b> , 146, 6831-6839	5	2

152	Aptamer-Gated Ion Channel for Ultrasensitive Mucin 1 Detection. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4825-4831	9.3	12
151	Dimensional Surface-Enhanced Raman Scattering Nanostructures for MicroRNA Profiling. <i>Small Structures</i> , <b>2021</b> , 2, 2000150	8.7	4
150	Recent Progress on Biomaterials Fighting against Viruses. <i>Advanced Materials</i> , <b>2021</b> , 33, e2005424	24	12
149	Ultrasmall Copper (I) Sulfide Nanoparticles Prevent Hepatitis B Virus Infection. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13073-13080	16.4	12
148	Ultrasmall Copper (I) Sulfide Nanoparticles Prevent Hepatitis B Virus Infection. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13183-13190	3.6	
147	Immunoassays for the rapid detection of pantothenic acid in pharmaceutical and food products. <i>Food Chemistry</i> , <b>2021</b> , 348, 129114	8.5	19
146	Chiral Plasmonic Triangular Nanorings with SERS Activity for Ultrasensitive Detection of Amyloid Proteins in Alzheimer's Disease. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102337	24	15
145	Improved Reactive Oxygen Species Generation by Chiral Co <sub>3</sub> O <sub>4</sub> Supraparticles under Electromagnetic Fields. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18388-18394	3.6	0
144	Stimulation of neural stem cell differentiation by circularly polarized light transduced by chiral nanoassemblies. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 103-113	19	36
143	Ultrasensitive and simultaneous detection of 6 nonsteroidal anti-inflammatory drugs by colloidal gold strip sensor. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 2529-2538	4	2
142	Gold nanoparticle-based immunochromatographic assay for detection in water and food samples. <i>Food Chemistry: X</i> , <b>2021</b> , 9, 100117	4.7	7
141	Improved Reactive Oxygen Species Generation by Chiral Co O Supraparticles under Electromagnetic Fields. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18240-18246	16.4	9
140	Tailored Chiral Copper Selenide Nanochannels for Ultrasensitive Enantioselective Recognition and Detection. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24997-25004	16.4	1
139	An immunochromatographic sensor for ultrasensitive and direct detection of histamine in fish. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 419, 126533	12.8	11
138	An ultrasensitive fluorescent paper sensor for fast screening of berberine. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 13080-13087	3.6	1
137	Self-limiting self-assembly of supraparticles for potential biological applications. <i>Nanoscale</i> , <b>2021</b> , 13, 2302-2311	7.7	6
136	Chiral Cu Co S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13915-13922	16.4	15
135	Chiral Cu <sub>x</sub> Co <sub>y</sub> S Nanoparticles under Magnetic Field and NIR Light to Eliminate Senescent Cells. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 14019-14026	3.6	7

134	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8776-8783	3.6	5
133	An NIR-Responsive DNA-Mediated Nanotetrahedron Enhances the Clearance of Senescent Cells. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000184	24	21
132	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent $\beta$ Amyloidopathy In Vivo. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7197-7204	3.6	6
131	Light-Induced Chiral Iron Copper Selenide Nanoparticles Prevent $\beta$ Amyloidopathy In Vivo. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7131-7138	16.4	38
130	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> , <b>2020</b> , 1141, 122036	3.2	14
129	Mitochondria-Targeting Plasmonic Spiky Nanorods Increase the Elimination of Aging Cells in Vivo. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8698-8705	16.4	12
128	Directing Arrowhead Nanorod Dimers for MicroRNA In Situ Raman Detection in Living Cells. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001451	15.6	18
127	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906580	24	29
126	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> , <b>2020</b> , 8, 1935-1943	7.3	22
125	Rapid and sensitive detection of diclazuril in chicken samples using a gold nanoparticle-based lateral-flow strip. <i>Food Chemistry</i> , <b>2020</b> , 312, 126116	8.5	45
124	Tetrahedron Probes for Ultrasensitive Detection of Telomerase and Surface Glycoprotein Activity in Living Cells. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2310-2315	7.8	21
123	Chiro-magnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. <i>Small</i> , <b>2020</b> , 16, e1905734	11	5
122	Europium nanosphere-based fluorescence strip sensor for ultrasensitive and quantitative determination of fumonisin B. <i>Analytical Methods</i> , <b>2020</b> , 12, 5229-5235	3.2	6
121	Immunochromatographic test strip for the rapid detection of tricaine in fish samples. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 687-699	2.9	6
120	Development of an immunocolloidal strip for rapid detection of picoxystrobin. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 711-722	2.9	7
119	Rapid quantitative determination of fentanyl in human urine and serum using a gold-based immunochromatographic strip sensor. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 8573-8584	7.3	17
118	Engineering of chiral nanomaterials for biomimetic catalysis. <i>Chemical Science</i> , <b>2020</b> , 11, 12937-12954	9.4	13
117	Rapid and sensitive detection of ochratoxin A in rice flour using a fluorescent microsphere immunochromatographic test strip assay. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 563-574	2.9	3

116	Artificial Chiral Probes and Bioapplications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1802075	24	52
115	Gold Immunochromatography Assay for the Rapid Detection of Spiramycin in Milk and Beef Samples Based on a Monoclonal Antibody. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e1900224	5.6	4
114	Development of a fluorescent immunoassay strip for the rapid quantitative detection of cadmium in rice. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 501-512	2.9	10
113	Self-Assembled Gold Arrays That Allow Rectification by Nanoscale Selectivity. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17418-17424	16.4	6
112	Rapid detection of praziquantel using monoclonal antibody-based ic-ELISA and immunochromatographic strips. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 913-923	2.9	18
111	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> , <b>2019</b> , 58, 3913-3917	16.4	52
110	Circular Polarized Light Activated Chiral Satellite Nanoprobes for the Imaging and Analysis of Multiple Metal Ions in Living Cells. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3953-3957	3.6	19
109	Circularly Polarized Light Triggers Biosensing Based on Chiral Assemblies. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 12235-12240	4.8	13
108	A sensitive lateral flow immunoassay for the multiple residues of five adamantanes. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 647-661	2.9	8
107	Development of monoclonal antibody-based colloidal gold immunochromatographic assay for analysis of halofuginone in milk. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 112-122	2.9	26
106	An immunochromatographic strip sensor for sildenafil and its analogues. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 6383-6389	7.3	16
105	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7371-7374	16.4	55
104	Chiral Semiconductor Nanoparticles for Protein Catalysis and Profiling. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7449-7452	3.6	22
103	Tailoring Chiroptical Activity of Iron Disulfide Quantum Dot Hydrogels with Circularly Polarized Light. <i>Advanced Materials</i> , <b>2019</b> , 31, e1903200	24	34
102	Porous Cu Co S Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 19067-19072	16.4	10
101	Single- and multi-component chiral supraparticles as modular enantioselective catalysts. <i>Nature Communications</i> , <b>2019</b> , 10, 4826	17.4	46
100	Chiral Core-Shell Upconversion Nanoparticle@MOF Nanoassemblies for Quantification and Bioimaging of Reactive Oxygen Species. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19373-19378	16.4	73
99	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> , <b>2019</b> , 116, 3391-3400	11.5	52

98	Detection of triclabendazole and three metabolites in bovine muscle samples with a gold nanoparticle-based lateral flow immunoassay. <i>Analytical Methods</i> , <b>2019</b> , 11, 5478-5486	3.2	7
97	Development of immunocolloidal strip for rapid detection of pyrimethanil. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1239-1252	2.9	14
96	Chirality-Based Biosensors. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1805512	15.6	58
95	Chiral Molecule-mediated Porous Cu O Nanoparticle Clusters with Antioxidation Activity for Ameliorating Parkinson's Disease. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 1091-1099	16.4	134
94	A colorimetric paper-based sensor for toltrazuril and its metabolites in feed, chicken, and egg samples. <i>Food Chemistry</i> , <b>2019</b> , 276, 707-713	8.5	45
93	2D Chiroptical Nanostructures for High-Performance Photooxidants. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1707237	15.6	26
92	Spiky Fe <sub>3</sub> O <sub>4</sub> @Au Supraparticles for Multimodal In Vivo Imaging. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800310	15.6	44
91	Development of an immunochromatographic strip for the rapid detection of maduramicin in chicken and egg samples. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 458-469	2.9	20
90	Tuning of chiral construction, structural diversity, scale transformation and chiroptical applications. <i>Materials Horizons</i> , <b>2018</b> , 5, 141-161	14.4	37
89	Spiny Nanorod and Upconversion Nanoparticle Satellite Assemblies for Ultrasensitive Detection of Messenger RNA in Living Cells. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 5414-5421	7.8	44
88	Development of an immunochromatographic test strip for the detection of ochratoxin A in red wine. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 434-444	2.9	27
87	Development of IC-ELISA and immunochromatographic strip assay for the detection of flunixin meglumine in milk. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 193-203	2.9	18
86	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> , <b>2018</b> , 28, 1802372	15.6	43
85	Ultrasensitive detection of seventeen chemicals simultaneously using paper-based sensors. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1900-1910	7.8	9
84	Titelbild: MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers (Angew. Chem. 33/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 10537-10537	3.6	
83	Circular Dichroism-Active Interactions between Fipronil and Neuronal Cells. <i>Environmental Science and Technology Letters</i> , <b>2018</b> , 5, 500-507	11	9
82	Site-selective photoinduced cleavage and profiling of DNA by chiral semiconductor nanoparticles. <i>Nature Chemistry</i> , <b>2018</b> , 10, 821-830	17.6	120
81	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 10704-10708	3.6	20

80	MicroRNA-Directed Intracellular Self-Assembly of Chiral Nanorod Dimers. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 10544-10548	16.4	93
79	Rapid detection of tulathromycin in pure milk and honey with an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 358-368	2.9	12
78	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> , <b>2018</b> , 29, 254-266	2.9	31
77	Rapid detection of penbutolol in pig urine using an immunochromatographic test strip. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 1126-1136	2.9	6
76	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> , <b>2018</b> , 29, 1173-1183	2.9	22
75	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> , <b>2018</b> , 29, 1162-1172 <sup>6</sup>	2.9	6
74	Heterostructures of MOFs and Nanorods for Multimodal Imaging. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805320	15.6	36
73	Direct observation of selective autophagy induction in cells and tissues by self-assembled chiral nanodevice. <i>Nature Communications</i> , <b>2018</b> , 9, 4494	17.4	42
72	Peptide Mediated Chiral Inorganic Nanomaterials for Combating Gram-Negative Bacteria. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805112	15.6	16
71	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> , <b>2017</b> , 28, 274-287	2.9	31
70	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606086	24	91
69	SERS- and luminescence-active Au-Au-UCNP trimers for attomolar detection of two cancer biomarkers. <i>Nanoscale</i> , <b>2017</b> , 9, 3865-3872	7.7	61
68	Biocompatible Cup-Shaped Nanocrystal with Ultrahigh Photothermal Efficiency as Tumor Therapeutic Agent. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700605	15.6	52
67	Chiral Inorganic Nanostructures. <i>Chemical Reviews</i> , <b>2017</b> , 117, 8041-8093	68.1	435
66	Identification and quantification of eight <i>Listeria</i> monocytogene serotypes from <i>Listeria</i> spp. using a gold nanoparticle-based lateral flow assay. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 715-724	5.8	46
65	Gold immunochromatographic sensor for the rapid detection of twenty-six sulfonamides in foods. <i>Nano Research</i> , <b>2017</b> , 10, 2833-2844	10	61
64	Ultrasensitive Detection of Prostate-Specific Antigen and Thrombin Based on Gold-Upconversion Nanoparticle Assembled Pyramids. <i>Small</i> , <b>2017</b> , 13, 1603944	11	58
63	A Chiral-Nanoassemblies-Enabled Strategy for Simultaneously Profiling Surface Glycoprotein and MicroRNA in Living Cells. <i>Advanced Materials</i> , <b>2017</b> , 29, 1703410	24	102

62	Photoactive Hybrid AuNR-Pt@Ag <sub>2</sub> S Core-Satellite Nanostructures for Near-Infrared Quantitative Cell Imaging. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703408	15.6	45
61	Dual Quantification of MicroRNAs and Telomerase in Living Cells. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11752-11759	16.4	209
60	Tuning the interactions between chiral plasmonic films and living cells. <i>Nature Communications</i> , <b>2017</b> , 8, 2007	17.4	65
59	Intracellular localization of nanoparticle dimers by chirality reversal. <i>Nature Communications</i> , <b>2017</b> , 8, 1847	17.4	76
58	Gold nanoparticle-based paper sensor for ultrasensitive and multiple detection of 32 (fluoro)quinolones by one monoclonal antibody. <i>Nano Research</i> , <b>2017</b> , 10, 108-120	10	79
57	Gold nanoparticle-based strip sensor for multiple detection of twelve Salmonella strains with a genus-specific lipopolysaccharide antibody. <i>Science China Materials</i> , <b>2016</b> , 59, 665-674	7.1	27
56	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 7352-7358	15.6	41
55	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , <b>2016</b> , 8, 15008-15	7.7	32
54	Multigaps Embedded Nanoassemblies Enhance In Situ Raman Spectroscopy for Intracellular Telomerase Activity Sensing. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1602-1608	15.6	109
53	Hierarchical Plasmonic Nanorods and Upconversion Core-Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy. <i>Advanced Materials</i> , <b>2016</b> , 28, 898-904	24	215
52	Gold-Quantum Dot Core-Satellite Assemblies for Lighting Up MicroRNA In Vitro and In Vivo. <i>Small</i> , <b>2016</b> , 12, 4662-8	11	77
51	Building SERS-active heteroassemblies for ultrasensitive Bisphenol A detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 138-142	11.8	59
50	Quick, easy, cheap, effective, rugged and safe strategy for quantifying cadmium polluted rice. <i>Food and Agricultural Immunology</i> , <b>2016</b> , 27, 783-795	2.9	8
49	Development of sensitive and fast immunoassays for amantadine detection. <i>Food and Agricultural Immunology</i> , <b>2016</b> , 27, 678-688	2.9	35
48	Oriental nanoparticle assemblies and biosensors. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 220-36	11.8	32
47	A SERS-active sensor based on heterogeneous gold nanostar core-silver nanoparticle satellite assemblies for ultrasensitive detection of aflatoxin B <sub>1</sub> . <i>Nanoscale</i> , <b>2016</b> , 8, 1873-8	7.7	113
46	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> , <b>2016</b> , 138, 306-12	16.4	329
45	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> , <b>2016</b> , 33, 388-395	3.1	39



44	Propeller-Like Nanorod-Upconversion Nanoparticle Assemblies with Intense Chiroptical Activity and Luminescence Enhancement in Aqueous Phase. <i>Advanced Materials</i> , <b>2016</b> , 28, 5907-15	24	107
43	Phototherapy: Hierarchical Plasmonic Nanorods and Upconversion Core@Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy (Adv. Mater. 5/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 897-897	24	3
42	Sandwich ELISA and immunochromatographic strip of Kunitz trypsin inhibitor using sensitive monoclonal antibodies. <i>Food and Agricultural Immunology</i> , <b>2016</b> , 27, 772-782	2.9	7
41	Nanoparticles: Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities (Adv. Funct. Mater. 6/2015). <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 987-987	15.6	2
40	Mercury-DNA interaction based detection of mercury ions by DNA amplification with high sensitivity and selectivity. <i>Food and Agricultural Immunology</i> , <b>2015</b> , 26, 512-520	2.9	4
39	SERS-active Au@Ag nanorod dimers for ultrasensitive dopamine detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 71, 7-12	11.8	146
38	Up-conversion fluorescence "off-on" switch based on heterogeneous core-satellite assembly for thrombin detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 70, 372-5	11.8	21
37	Building an aptamer/graphene oxide FRET biosensor for one-step detection of bisphenol A. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7492-6	9.5	115
36	SERS-active Au NR oligomer sensor for ultrasensitive detection of mercury ions. <i>RSC Advances</i> , <b>2015</b> , 5, 81802-81807	3.7	18
35	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. <i>RSC Advances</i> , <b>2015</b> , 5, 73395-73398	3.7	26
34	Development of a lateral flow immunoassay for the detection of total malachite green residues in fish tissues. <i>Food and Agricultural Immunology</i> , <b>2015</b> , 26, 870-879	2.9	17
33	A fluorescence active gold nanorod@quantum dot core@satellite nanostructure for sub-attomolar tumor marker biosensing. <i>RSC Advances</i> , <b>2015</b> , 5, 97898-97902	3.7	12
32	Building heterogeneous core-satellite chiral assemblies for ultrasensitive toxin detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 66, 554-8	11.8	27
31	Ultrasensitive detection of lead ions based on a DNA-labelled DNAzyme sensor. <i>Analytical Methods</i> , <b>2015</b> , 7, 662-666	3.2	14
30	Development and characterisation of an ultrasensitive monoclonal antibody for chloramphenicol. <i>Food and Agricultural Immunology</i> , <b>2015</b> , 26, 440-450	2.9	15
29	Ultrasensitive SERS detection of mercury based on the assembled gold nanochains. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 67, 472-6	11.8	93
28	Triple Raman Label-Encoded Gold Nanoparticle Trimers for Simultaneous Heavy Metal Ion Detection. <i>Small</i> , <b>2015</b> , 11, 3435-9	11	91
27	Unusual Circularly Polarized Photocatalytic Activity in Nanogapped Gold@Silver Chiroplasmonic Nanostructures. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 5816-5822	15.6	85

26	Chirality-based Au@Ag Nanorod Dimers Sensor for Ultrasensitive PSA Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 12708-12	9.5	66
25	Biosensors: SERS Encoded Silver Pyramids for Attomolar Detection of Multiplexed Disease Biomarkers (Adv. Mater. 10/2015). <i>Advanced Materials</i> , <b>2015</b> , 27, 1799-1799	24	5
24	Ultrasensitive SERS detection of VEGF based on a self-assembled Ag ornamented-AU pyramid superstructure. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 593-597	11.8	44
23	Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 850-854	15.6	59
22	An ultrasensitive immunochromatographic assay for non-pretreatment monitoring of chloramphenicol in raw milk. <i>Food and Agricultural Immunology</i> , <b>2015</b> , 26, 635-644	2.9	26
21	SERS encoded silver pyramids for attomolar detection of multiplexed disease biomarkers. <i>Advanced Materials</i> , <b>2015</b> , 27, 1706-11	24	240
20	Chirality of self-assembled metal-semiconductor nanostructures. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 2702-2706	7.1	16
19	General immunoassay for pyrethroids based on a monoclonal antibody. <i>Food and Agricultural Immunology</i> , <b>2014</b> , 25, 341-349	2.9	33
18	Attomolar DNA detection with chiral nanorod assemblies. <i>Nature Communications</i> , <b>2013</b> , 4, 2689	17.4	381
17	Highly selective recognition and ultrasensitive quantification of enantiomers. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4478-4483	7.3	46
16	Immuno-driven plasmonic oligomer sensor for the ultrasensitive detection of antibiotics. <i>RSC Advances</i> , <b>2013</b> , 3, 17294	3.7	12
15	Nanoparticle assemblies: dimensional transformation of nanomaterials and scalability. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 3114-26	58.5	188
14	Plasmonic Core-Satellites Nanostructures with High Chirality and Bioproperty. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 2379-84	6.4	37
13	Sensitive Detection of Silver Ions Based on Chiroplasmonic Assemblies of Nanoparticles. <i>Advanced Optical Materials</i> , <b>2013</b> , 1, 626-630	8.1	52
12	MRI biosensor for lead detection based on the DNzyme-induced catalytic reaction. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 14367-71	3.4	23
11	Gold nanorod assembly based approach to toxin detection by SERS. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 2387-2391		89
10	Regiospecific plasmonic assemblies for in situ Raman spectroscopy in live cells. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1699-709	16.4	240
9	Asymmetric and symmetric PCR of gold nanoparticles: A pathway to scaled-up self-assembly with tunable chirality. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5574		34

8	Preparation and evaluation of superparamagnetic surface molecularly imprinted polymer nanoparticles for selective extraction of bisphenol A in packed food. <i>Analytical Methods</i> , <b>2011</b> , 3, 1737	3.2	73
7	Gold nanorod ensembles as artificial molecules for applications in sensors. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16759		57
6	Simple, rapid and sensitive detection of antibiotics based on the side-by-side assembly of gold nanorod probes. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 4387-92	11.8	41
5	Development and application of one-step ELISA for the detection of neomycin in milk. <i>Food and Agricultural Immunology</i> , <b>2011</b> , 22, 259-269	2.9	21
4	Development of determination of di-n-octyl phthalate (DOP) residue by an indirect enzyme-linked immunosorbent assay. <i>Food and Agricultural Immunology</i> , <b>2010</b> , 21, 265-277	2.9	29
3	Side-by-Side and End-to-End Gold Nanorod Assemblies for Environmental Toxin Sensing. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5604-5607	3.6	29
2	Self-Assembly of Earth-Abundant Supraparticles with Chiral Interstices for Enantioselective Photocatalysis. <i>ACS Energy Letters</i> , 1405-1412	20.1	2
1	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