

# Xiaoling Wu

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4348091/xiaoling-wu-publications-by-citations.pdf>

**Version:** 2024-04-27

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.

94  
papers

3,051  
citations

29  
h-index

53  
g-index

99  
ext. papers

3,759  
ext. citations

9.6  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
94	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
93	Unexpected chirality of nanoparticle dimers and ultrasensitive chiroplasmonic bioanalysis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18629-36	16.4	241
92	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
91	A SERS-active sensor based on heterogeneous gold nanostar core-silver nanoparticle satellite assemblies for ultrasensitive detection of aflatoxinB1. <i>Nanoscale</i> , <b>2016</b> , 8, 1873-8	7.7	113
90	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
89	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
88	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606086	24	91
87	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
86	Environmentally responsive plasmonic nanoassemblies for biosensing. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 4677-4696	58.5	78
85	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
84	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
83	A Singlet Oxygen Generating Agent by Chirality-dependent Plasmonic Shell-Satellite Nanoassembly. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606864	24	71
82	Tuning the interactions between chiral plasmonic films and living cells. <i>Nature Communications</i> , <b>2017</b> , 8, 2007	17.4	65
81	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
80	Building SERS-active heteroassemblies for ultrasensitive Bisphenol A detection. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 138-142	11.8	59
79	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
78	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

77	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
76	Ultrasensitive and eco-friendly immunoassays based monoclonal antibody for detection of deoxynivalenol in cereal and feed samples. <i>Food Chemistry</i> , <b>2019</b> , 270, 130-137	8.5	50
75	Gold Nanoparticle-Based Paper Sensor for Simultaneous Detection of 11 Benzimidazoles by One Monoclonal Antibody. <i>Small</i> , <b>2018</b> , 14, 1701782	11	49
74	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
73	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
72	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
71	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 7352-7358	15.6	41
70	Paper supported immunosensor for detection of antibiotics. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 33, 309-318	11.8	38
69	Enantiomer-dependent immunological response to chiral nanoparticles. <i>Nature</i> , <b>2022</b> , 601, 366-373	50.4	36
68	Au@gap@AuAg Nanorod Side-by-Side Assemblies for Ultrasensitive SERS Detection of Mercury and its Transformation. <i>Small</i> , <b>2019</b> , 15, e1901958	11	35
67	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , <b>2016</b> , 8, 15008-15	7.7	32
66	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
65	Building heterogeneous core-satellite chiral assemblies for ultrasensitive toxin detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 66, 554-8	11.8	27
64	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
63	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
62	Development of a sandwich ELISA and immunochromatographic strip for the detection of shrimp tropomyosin. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 606-619	2.9	24
61	DNA-Driven Two-Layer Core-Satellite Gold Nanostructures for Ultrasensitive MicroRNA Detection in Living Cells. <i>Small</i> , <b>2020</b> , 16, e2000003	11	23
60	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

59	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
58	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
57	Monoclonal antibody-based cross-reactive sandwich ELISA for the detection of Salmonella spp. in milk samples. <i>Analytical Methods</i> , <b>2015</b> , 7, 9047-9053	3.2	20
56	Chiral AuCuAu Heterogeneous Nanorods with Tailored Optical Activity. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000670	15.6	19
55	Gold immunochromatographic assay for kitasamycin and josamycin residues screening in milk and egg samples. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1189-1201	2.9	19
54	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
53	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
52	Development of an immunochromatographic strip test for rapid detection of sodium nifurstyrenate in fish. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 236-247	2.9	17
51	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
50	Peptide Mediated Chiral Inorganic Nanomaterials for Combating Gram-Negative Bacteria. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805112	15.6	16
49	Development of an immunochromatography assay for salinomycin and methyl salinomycin in honey. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 995-1006	2.9	14
48	IC-ELISA and immunochromatographic strip assay based monoclonal antibody for the rapid detection of bisphenol S. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 633-646	2.9	14
47	Rapid detection of tenuazonic acid in cereal and fruit juice using a lateral-flow immunochromatographic assay strip. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 1293-1303	2.9	14
46	Development of immunocolloidal strip for rapid detection of pyrimethanil. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1239-1252	2.9	14
45	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
44	Development of a gold nanoparticle-based lateral-flow strip for the detection of dinitolmide in chicken tissue. <i>Analytical Methods</i> , <b>2020</b> , 12, 3210-3217	3.2	12
43	A simple, sensitive, rapid and specific detection method for Bisphenol A based on Fluorescence Polarization Immunoassay. <i>Immunological Investigations</i> , <b>2012</b> , 41, 38-50	2.9	12
42	Detection of aminophylline in serum using an immunochromatographic strip test. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 33-44	2.9	11

41	Development of an ic-ELISA and Immunochromatographic Strip Assay for the Detection of Diacetoxyscirpenol in Rice. <i>ACS Omega</i> , <b>2020</b> , 5, 17876-17882	3.9	11
40	Development of a colloidal gold immunoassay for the detection of four eugenol compounds in water. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1318-1331	2.9	11
39	Colloidal Gold Immunochromatographic Assay for Rapid Detection of Carbadox and Cyadox in Chicken Breast. <i>ACS Omega</i> , <b>2020</b> , 5, 1422-1429	3.9	10
38	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
37	Development of an immunochromatographic strip assay based on a monoclonal antibody for detection of cimaterol. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 1162-1173	2.9	10
36	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
35	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles.. <i>Nature Nanotechnology</i> , <b>2022</b> ,	28.7	10
34	Profiling and Identification of Biocatalyzed Transformation of Sulfoxaflo In Vivo. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16218-16224	16.4	9
33	Development of ic-ELISA and an immunochromatographic strip assay for the detection of aristolochic acid I. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 140-149	2.9	9
32	Ultrasensitive anti-melamine monoclonal antibody and its use in the development of an immunochromatographic strip. <i>Food and Agricultural Immunology</i> , <b>2019</b> , 30, 462-474	2.9	8
31	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
30	Development of sandwich ELISA and immunochromatographic strip methods for the detection of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Analytical Methods</i> , <b>2015</b> , 7, 6190-6197	3.2	8
29	Potential Environmental Health Risk Analysis of Neonicotinoids and a Synergist. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 7541-7550	10.3	8
28	A colloidal gold immunochromatography test strip based on a monoclonal antibody for the rapid detection of triadimefon and triadimenol in foods. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 475-488	2.9	8
27	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
26	Development of an ic-ELISA and an immunochromatographic strip assay for the detection of aconitine. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 243-254	2.9	6
25	Development of an antibody-based colloidal gold immunochromatographic lateral flow strip test for natamycin in milk and yoghurt samples. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 1283-1292	2.9	6
24	Gold Immunochromatographic Assay for Rapid On-Site Detection of Lincosamide Residues in Milk, Egg, Beef, and Honey Samples. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e1900174	5.6	6

23	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	2.9	6
22	Self-limiting self-assembly of supraparticles for potential biological applications. <i>Nanoscale</i> , <b>2021</b> , 13, 2302-2311	7.7	6
21	Development of an immunochromatographic strip for the detection of rosiglitazone in functional foods based on monoclonal antibodies. <i>Analytical Methods</i> , <b>2019</b> , 11, 4910-4916	3.2	5
20	An Ultrasensitive Electrochemical Immunosensor for Nonylphenol Leachate from Instant Noodle Containers in Southeast Asia. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7023-7030	4.8	5
19	A colloidal gold immunochromatography test strip based on a monoclonal antibody for the rapid detection of triadimefon and triadimenol in foods. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 447-462	2.9	5
18	Colloidal Gold Immunochromatographic Strip Assay for the Detection of Azaperone in Pork and Pork Liver. <i>ACS Omega</i> , <b>2020</b> , 5, 1346-1351	3.9	5
17	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
16	Chromagnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. <i>Small</i> , <b>2020</b> , 16, e1905734	11	5
15	Ultrasensitive immunochromatographic strips for fast screening of the nicarbazin marker in chicken breast and liver samples based on monoclonal antibodies. <i>Analytical Methods</i> , <b>2020</b> , 12, 2143-2151	3.2	4
14	Sex-Dependent Environmental Health Risk Analysis of Flupyradifurone.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> ,	10.3	4
13	Development of a gold nanoparticle-based strip assay for detection of clopidol in the chicken. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 489-500	2.9	4
12	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
11	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
10	Porous Cu <sub>2</sub> S Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 19243-19248	3.6	2
9	Gold nanoparticle-based lateral flow strips for rapid and sensitive detection of Virginiamycin M1. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 764-777	2.9	2
8	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
7	Development of a gold immunochromatographic strip for the rapid detection of 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) in catfish. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 751-763	2.9	1
6	Development of a fluorescent quantification strip assay for the detection of lead. <i>Food and Agricultural Immunology</i> , <b>2020</b> , 31, 642-652	2.9	1

- 5 Metabolic profile of chiral cobalt oxide nanoparticles in vitro and in vivo. *Nano Research*, **2021**, 14, 2451 10 1
- 4 Rapid immunochromatographic test strip detection of mabuterol and its cross-reactivity with mapenterol. *Food and Agricultural Immunology*, **2018**, 29, 1028-1040 2.9 1
- 3 An ic-ELISA and immunochromatographic strip assay for the detection of 2,4-dichlorophenoxyacetic acid in bean sprouts and cabbage.. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 209, 114524<sup>3.5</sup> 0
- 2 Profiling and Identification of Biocatalyzed Transformation of Sulfoxaflor In Vivo. *Angewandte Chemie*, **2020**, 132, 16352-16358 3.6
- 1 Chiral Nanostructures for Biorecognition and Bioanalysis **2022**, 149-198