

Xiaoling Wu

List of Publications by Year in Descending Order

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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.

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	Enantiomer-dependent immunological response to chiral nanoparticles.. <i>Nature</i> , 2022 , 601, 366-373	50.4	36
93	Sex-Dependent Environmental Health Risk Analysis of Flupyradifurone.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	4
92	Polarization-sensitive optoionic membranes from chiral plasmonic nanoparticles.. <i>Nature Nanotechnology</i> , 2022 ,	28.7	10
91	Chiral Nanostructures for Biorecognition and Bioanalysis 2022 , 149-198		
90	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> , 2021 , 209, 114524 ^{3.5}		0
89	A multiplex lateral flow immunochromatography assay for the quantitative detection of pyraclostrobin, myclobutanil, and kresoxim-methyl residues in wheat.. <i>Food Chemistry</i> , 2021 , 377, 131964 ^{8.5}		1
88	Potential Environmental Health Risk Analysis of Neonicotinoids and a Synergist. <i>Environmental Science & Technology</i> , 2021 , 55, 7541-7550	10.3	8
87	Metabolic profile of chiral cobalt oxide nanoparticles in vitro and in vivo. <i>Nano Research</i> , 2021 , 14, 2451	10	1
86	Self-limiting self-assembly of supraparticles for potential biological applications. <i>Nanoscale</i> , 2021 , 13, 2302-2311	7.7	6
85	DNA-Driven Two-Layer Core-Satellite Gold Nanostructures for Ultrasensitive MicroRNA Detection in Living Cells. <i>Small</i> , 2020 , 16, e2000003	11	23
84	Profiling and Identification of Biocatalyzed Transformation of Sulfoxaflor In Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16218-16224	16.4	9
83	Profiling and Identification of Biocatalyzed Transformation of Sulfoxaflor In Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 16352-16358	3.6	
82	Development of a gold nanoparticle-based lateral-flow strip for the detection of dinitolmide in chicken tissue. <i>Analytical Methods</i> , 2020 , 12, 3210-3217	3.2	12
81	Ultrasensitive immunochromatographic strips for fast screening of the nicarbazin marker in chicken breast and liver samples based on monoclonal antibodies. <i>Analytical Methods</i> , 2020 , 12, 2143-2151	3.2	4
80	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> , 2020 , 31, 447-462 ^{2.9}		5
79	Chiral AuCuAu Heterogeneous Nanorods with Tailored Optical Activity. <i>Advanced Functional Materials</i> , 2020 , 30, 2000670	15.6	19
78	Development of an ic-ELISA and an immunochromatographic strip assay for the detection of aconitine. <i>Food and Agricultural Immunology</i> , 2020 , 31, 243-254	2.9	6

77	Colloidal Gold Immunochromatographic Strip Assay for the Detection of Azaperone in Pork and Pork Liver. <i>ACS Omega</i> , 2020 , 5, 1346-1351	3.9	5
76	Colloidal Gold Immunochromatographic Assay for Rapid Detection of Carbadox and Cyadox in Chicken Breast. <i>ACS Omega</i> , 2020 , 5, 1422-1429	3.9	10
75	Chiral Cu OS@ZIF-8 Nanostructures for Ultrasensitive Quantification of Hydrogen Sulfide In Vivo. <i>Advanced Materials</i> , 2020 , 32, e1906580	24	29
74	Gold Immunochromatographic Assay for Rapid On-Site Detection of Lincosamide Residues in Milk, Egg, Beef, and Honey Samples. <i>Biotechnology Journal</i> , 2020 , 15, e1900174	5.6	6
73	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
72	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
71	Chiro-magnetic Plasmonic Nanoassemblies with Magnetic Field Modulated Chiral Activity. <i>Small</i> , 2020 , 16, e1905734	11	5
70	Detection of aminophylline in serum using an immunochromatographic strip test. <i>Food and Agricultural Immunology</i> , 2020 , 31, 33-44	2.9	11
69	Development of an ic-ELISA and Immunochromatographic Strip Assay for the Detection of Diacetoxyscirpenol in Rice. <i>ACS Omega</i> , 2020 , 5, 17876-17882	3.9	11
68	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> , 2020 , 31, 751-763	2.9	1
67	Development of a fluorescent quantification strip assay for the detection of lead. <i>Food and Agricultural Immunology</i> , 2020 , 31, 642-652	2.9	1
66	Gold nanoparticle-based lateral flow strips for rapid and sensitive detection of Virginiamycin M1. <i>Food and Agricultural Immunology</i> , 2020 , 31, 764-777	2.9	2
65	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> , 2020 , 31, 475-488	2.9	8
64	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
63	Development of a gold nanoparticle-based strip assay for detection of clopidol in the chicken. <i>Food and Agricultural Immunology</i> , 2020 , 31, 489-500	2.9	4
62	Development of an immunochromatographic strip for the detection of rosiglitazone in functional foods based on monoclonal antibodies. <i>Analytical Methods</i> , 2019 , 11, 4910-4916	3.2	5
61	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
60	Development of an immunochromatography assay for salinomycin and methyl salinomycin in honey. <i>Food and Agricultural Immunology</i> , 2019 , 30, 995-1006	2.9	14

59	Ultrasensitive anti-melamine monoclonal antibody and its use in the development of an immunochromatographic strip. <i>Food and Agricultural Immunology</i> , 2019 , 30, 462-474	2.9	8
58	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
57	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
56	Development of a sandwich ELISA and immunochromatographic strip for the detection of shrimp tropomyosin. <i>Food and Agricultural Immunology</i> , 2019 , 30, 606-619	2.9	24
55	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
54	An immunochromatographic strip sensor for sildenafil and its analogues. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6383-6389	7.3	16
53	An Ultrasensitive Electrochemical Immunosensor for Nonylphenol Leachate from Instant Noodle Containers in Southeast Asia. <i>Chemistry - A European Journal</i> , 2019 , 25, 7023-7030	4.8	5
52	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
51	Development of an immunochromatographic strip test for rapid detection of sodium nifurstyrenate in fish. <i>Food and Agricultural Immunology</i> , 2019 , 30, 236-247	2.9	17
50	IC-ELISA and immunochromatographic strip assay based monoclonal antibody for the rapid detection of bisphenol S. <i>Food and Agricultural Immunology</i> , 2019 , 30, 633-646	2.9	14
49	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
48	Porous CuxCoyS Supraparticles for In Vivo Telomerase Imaging and Reactive Oxygen Species Generation. <i>Angewandte Chemie</i> , 2019 , 131, 19243-19248	3.6	2
47	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
46	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
45	Development of ic-ELISA and an immunochromatographic strip assay for the detection of aristolochic acid I. <i>Food and Agricultural Immunology</i> , 2019 , 30, 140-149	2.9	9
44	Development of an immunochromatographic strip assay based on a monoclonal antibody for detection of cimaterol. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1162-1173	2.9	10
43	Gold immunochromatographic assay for kitasamycin and josamycin residues screening in milk and egg samples. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1189-1201	2.9	19
42	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

41	Development of immunocolloidal strip for rapid detection of pyrimethanil. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1239-1252	2.9	14
40	Development of a colloidal gold immunoassay for the detection of four eugenol compounds in water. <i>Food and Agricultural Immunology</i> , 2019 , 30, 1318-1331	2.9	11
39	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
38	Gold Nanoparticle-Based Paper Sensor for Simultaneous Detection of 11 Benzimidazoles by One Monoclonal Antibody. <i>Small</i> , 2018 , 14, 1701782	11	49
37	Environmentally responsive plasmonic nanoassemblies for biosensing. <i>Chemical Society Reviews</i> , 2018 , 47, 4677-4696	58.5	78
36	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
35	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
34	Rapid immunochromatographic test strip detection of mabuterol and its cross-reactivity with mapenterol. <i>Food and Agricultural Immunology</i> , 2018 , 29, 1028-1040	2.9	1
33	Peptide Mediated Chiral Inorganic Nanomaterials for Combating Gram-Negative Bacteria. <i>Advanced Functional Materials</i> , 2018 , 28, 1805112	15.6	16
32	Hybrid Nanoparticle Pyramids for Intracellular Dual MicroRNAs Biosensing and Bioimaging. <i>Advanced Materials</i> , 2017 , 29, 1606086	24	91
31	A Singlet Oxygen Generating Agent by Chirality-dependent Plasmonic Shell-Satellite Nanoassembly. <i>Advanced Materials</i> , 2017 , 29, 1606864	24	71
30	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
29	Ultrasensitive Detection of Prostate-Specific Antigen and Thrombin Based on Gold-Upconversion Nanoparticle Assembled Pyramids. <i>Small</i> , 2017 , 13, 1603944	11	58
28	Tuning the interactions between chiral plasmonic films and living cells. <i>Nature Communications</i> , 2017 , 8, 2007	17.4	65
27	Rapid detection of tenuazonic acid in cereal and fruit juice using a lateral-flow immunochromatographic assay strip. <i>Food and Agricultural Immunology</i> , 2017 , 28, 1293-1303	2.9	14
26	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> , 2017 , 28, 1283-1292	2.9	6
25	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , 2016 , 26, 7352-7358	15.6	41
24	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , 2016 , 8, 15008-15	7.7	32

23	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
22	Hierarchical Plasmonic Nanorods and Upconversion Core-Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy. <i>Advanced Materials</i> , 2016 , 28, 898-904	24	215
21	Gold-Quantum Dot Core-Satellite Assemblies for Lighting Up MicroRNA In Vitro and In Vivo. <i>Small</i> , 2016 , 12, 4662-8	11	77
20	Building SERS-active heteroassemblies for ultrasensitive Bisphenol A detection. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 138-142	11.8	59
19	A SERS-active sensor based on heterogeneous gold nanostar core-silver nanoparticle satellite assemblies for ultrasensitive detection of aflatoxinB1. <i>Nanoscale</i> , 2016 , 8, 1873-8	7.7	113
18	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
17	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
16	Phototherapy: Hierarchical Plasmonic Nanorods and Upconversion Core-Satellite Nanoassemblies for Multimodal Imaging-Guided Combination Phototherapy (Adv. Mater. 5/2016). <i>Advanced Materials</i> , 2016 , 28, 897-897	24	3
15	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
14	Development of sandwich ELISA and immunochromatographic strip methods for the detection of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Analytical Methods</i> , 2015 , 7, 6190-6197	3.2	8
13	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
12	SERS-active Au NR oligomer sensor for ultrasensitive detection of mercury ions. <i>RSC Advances</i> , 2015 , 5, 81802-81807	3.7	18
11	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. <i>RSC Advances</i> , 2015 , 5, 73395-73398	3.7	26
10	Monoclonal antibody-based cross-reactive sandwich ELISA for the detection of <i>Salmonella</i> spp. in milk samples. <i>Analytical Methods</i> , 2015 , 7, 9047-9053	3.2	20
9	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
8	Building heterogeneous core-satellite chiral assemblies for ultrasensitive toxin detection. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 554-8	11.8	27
7	Unusual Circularly Polarized Photocatalytic Activity in Nanogapped Gold-Silver Chiroplasmonic Nanostructures. <i>Advanced Functional Materials</i> , 2015 , 25, 5816-5822	15.6	85
6	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

5	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
4	Gold Core-DNA-Silver Shell Nanoparticles with Intense Plasmonic Chiroptical Activities. <i>Advanced Functional Materials</i> , 2015 , 25, 850-854	15.6	59
3	Unexpected chirality of nanoparticle dimers and ultrasensitive chiroplasmonic bioanalysis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18629-36	16.4	241
2	Paper supported immunosensor for detection of antibiotics. <i>Biosensors and Bioelectronics</i> , 2012 , 33, 309-312	11.28	38
1	A simple, sensitive, rapid and specific detection method for Bisphenol A based on Fluorescence Polarization Immunoassay. <i>Immunological Investigations</i> , 2012 , 41, 38-50	2.9	12