

# Junping Wang

## 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.

37  
papers

564  
citations

14  
h-index

22  
g-index

39  
ext. papers

728  
ext. citations

5.4  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
37	Dual-mode sensing of biomarkers based on nano 3D Cu-Flo.@AuNPs-electrocatalyzed oxidation of glucose inducing in-situ HO-generation system. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 198, 113820	11.8	3
36	Fluorescence Ratio Nanoprobe Consisting of a Carbon Nanodots-Quantum Dots Composite for Visual Detection of Folic Acid in Dry Milk Powders. <i>Food Analytical Methods</i> , <b>2021</b> , 14, 1637-1644	3.4	3
35	Development of non-enzymatic and photothermal immuno-sensing assay for detecting the enrofloxacin in animal derived food by utilizing black phosphorus-platinum two-dimensional nanomaterials. <i>Food Chemistry</i> , <b>2021</b> , 357, 129766	8.5	5
34	A Mild Method for Preparation of Highly Selective Magnetic Biochar Microspheres. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
33	Effects of dietary fiber on the digestion and structure of gluten under different thermal processing conditions. <i>Food Hydrocolloids</i> , <b>2020</b> , 108, 106080	10.6	3
32	A fluorescence quenching-recovery sensor based on RCA for the specific analysis of <i>Fusobacterium nucleatum</i> . <i>Analytical Biochemistry</i> , <b>2020</b> , 604, 113808	3.1	2
31	A Molecularly Imprinted Polymer Capped Nitrogen-Doped Graphene Quantum Dots System for Sensitive Determination of Tetracycline in Animal-Derived Food. <i>ChemistrySelect</i> , <b>2020</b> , 5, 839-846	1.8	12
30	Black phosphorus-Au nanocomposite-based fluorescence immunochromatographic sensor for high-sensitive detection of zearalenone in cereals. <i>Nanophotonics</i> , <b>2020</b> , 9, 2397-2406	6.3	9
29	Hollow molecularly imprinted polymer based quartz crystal microbalance sensor for rapid detection of methimazole in food samples. <i>Food Chemistry</i> , <b>2020</b> , 309, 125787	8.5	20
28	Rolling circle amplification based colorimetric determination of <i>Staphylococcus aureus</i> . <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 119	5.8	4
27	A novel fluorescent "turn-on" aptasensor based on nitrogen-doped graphene quantum dots and hexagonal cobalt oxyhydroxide nanoflakes to detect tetracycline. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 1343-1351	4.4	22
26	Rapid Detection of Kaempferol Using Surface Molecularly Imprinted Mesoporous Molecular Sieves Embedded with Carbon Dots. <i>International Journal of Analytical Chemistry</i> , <b>2020</b> , 2020, 5819062	1.4	0
25	Modification of Glutenin and Associated Changes in Digestibility Due to Methylglyoxal during Heat Processing. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 10734-10743	5.7	16
24	Detection and quantification of folic acid in serum via a dual-emission fluorescence nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 7481-7487	4.4	4
23	Effects of Starch on the Digestibility of Gluten under Different Thermal Processing Conditions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 7120-7127	5.7	7
22	Indirect competitive ELISA and colloidal gold-based immunochromatographic strip for amantadine detection in animal-derived foods. <i>Analytical Methods</i> , <b>2019</b> , 11, 2027-2032	3.2	11
21	A high-sensitivity thermal analysis immunochromatographic sensor based on au nanoparticle-enhanced two-dimensional black phosphorus photothermal-sensing materials. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 133, 223-229	11.8	42

20	A rapid fluorometric method for determination of aflatoxin B in plant-derived food by using a thioflavin T-based aptasensor. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 214	5.8	12
19	Two fluorescence quenching immunochromatographic assays based on carbon dots and quantum dots as donor probes for the determination of enrofloxacin. <i>Analytical Methods</i> , <b>2019</b> , 11, 2378-2384	3.2	11
18	A Novel Metal-Organic Framework Composite, MIL-101(Cr)@MIP, as an Efficient Sorbent in Solid-Phase Extraction Coupling with HPLC for Tribenuron-Methyl Determination. <i>International Journal of Analytical Chemistry</i> , <b>2019</b> , 2019, 2547280	1.4	5
17	Electrochemiluminescence sensor based on upconversion nanoparticles and oligoaniline-crosslinked gold nanoparticles imprinting recognition sites for the determination of dopamine. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 128, 129-136	11.8	37
16	Application of CdTe/CdS/ZnS quantum dot in immunoassay for aflatoxin B1 and molecular modeling of antibody recognition. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1047, 139-149	6.6	25
15	Reproducible Molecularly Imprinted QCM Sensor for Accurate, Stable, and Sensitive Detection of Enrofloxacin Residue in Animal-Derived Foods. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 495-503	3.4	12
14	Fluorometric lateral flow immunochromatographic zearalenone assay by exploiting a quencher system composed of carbon dots and silver nanoparticles. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 388	5.8	25
13	Substructure-activity relationship studies on antibody recognition for phenylurea compounds using competitive immunoassay and computational chemistry. <i>Scientific Reports</i> , <b>2018</b> , 8, 3131	4.9	13
12	A novel bicistronic expression system composed of the intraflagellar transport protein gene ift25 and FMDV 2A sequence directs robust nuclear gene expression in <i>Chlamydomonas reinhardtii</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 4227-4245	5.7	25
11	Stable and Sensitive Detection of Sulfonamide Residues in Animal-Derived Foods Using a Reproducible Surface Plasmon Resonance Immunosensor. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 2027-2035	3.4	10
10	Quantum dot based multiplex fluorescence quenching immune chromatographic strips for the simultaneous determination of sulfonamide and fluoroquinolone residues in chicken samples. <i>RSC Advances</i> , <b>2017</b> , 7, 31123-31128	3.7	7
9	Fluorescent quenching immune chromatographic strips with quantum dots and upconversion nanoparticles as fluorescent donors for visual detection of sulfaquinolaxine in foods of animal origin. <i>Analytica Chimica Acta</i> , <b>2017</b> , 982, 185-192	6.6	15
8	Visual and rapid lateral flow immunochromatographic assay for enrofloxacin using dyed polymer microspheres and quantum dots. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4313-4321	5.8	23
7	Development and Validation of a Reproducible and Label-Free Surface Plasmon Resonance Immunosensor for Enrofloxacin Detection in Animal-Derived Foods. <i>Sensors</i> , <b>2017</b> , 17,	3.8	20
6	Crystal Structure of the Fab Fragment of an Anti-ofloxacin Antibody and Exploration of Its Specific Binding. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2627-34	5.7	11
5	Upconversion Nanoparticles and Monodispersed Magnetic Polystyrene Microsphere Based Fluorescence Immunoassay for the Detection of Sulfaquinolaxine in Animal-Derived Foods. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 3908-15	5.7	52
4	Determination of streptomycin residues in animal-derived foods by a reliable and accurate enzyme-linked immunosorbent assay. <i>Analytical Methods</i> , <b>2013</b> , 5, 4430	3.2	9
3	Development of an enzyme-linked immunosorbent assay based a monoclonal antibody for the detection of pyrethroids with phenoxybenzene multiresidue in river water. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 2997-3003	5.7	23

2	Physicochemical properties of octenyl succinic anhydride-modified potato starch with different degrees of substitution. <i>Journal of the Science of Food and Agriculture</i> , <b>2010</b> , 90, 424-9	4.3	52
1	Enzyme-linked immunosorbent assay for the determination of T-2 toxin in cereals and feedstuff. <i>Mikrochimica Acta</i> , <b>2010</b> , 169, 137-144	5.8	11