

Junping Wang

List of Publications by Citations

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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	Physicochemical properties of octenyl succinic anhydride-modified potato starch with different degrees of substitution. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 424-9	4.3	52
36	Upconversion Nanoparticles and Monodispersed Magnetic Polystyrene Microsphere Based Fluorescence Immunoassay for the Detection of Sulfaquinoxaline in Animal-Derived Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3908-15	5.7	52
35	A high-sensitivity thermal analysis immunochromatographic sensor based on au nanoparticle-enhanced two-dimensional black phosphorus photothermal-sensing materials. <i>Biosensors and Bioelectronics</i> , 2019 , 133, 223-229	11.8	42
34	Electrochemiluminescence sensor based on upconversion nanoparticles and oligoaniline-crosslinked gold nanoparticles imprinting recognition sites for the determination of dopamine. <i>Biosensors and Bioelectronics</i> , 2019 , 128, 129-136	11.8	37
33	A novel bicistronic expression system composed of the intraflagellar transport protein gene <i>ift25</i> and FMDV 2A sequence directs robust nuclear gene expression in <i>Chlamydomonas reinhardtii</i> . <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 4227-4245	5.7	25
32	Fluorometric lateral flow immunochromatographic zearalenone assay by exploiting a quencher system composed of carbon dots and silver nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 388	5.8	25
31	Application of CdTe/CdS/ZnS quantum dot in immunoassay for aflatoxin B1 and molecular modeling of antibody recognition. <i>Analytica Chimica Acta</i> , 2019 , 1047, 139-149	6.6	25
30	Visual and rapid lateral flow immunochromatographic assay for enrofloxacin using dyed polymer microspheres and quantum dots. <i>Mikrochimica Acta</i> , 2017 , 184, 4313-4321	5.8	23
29	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> , 2011 , 59, 2997-3003	5.7	23
28	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> , 2020 , 412, 1343-1351	4.4	22
27	Development and Validation of a Reproducible and Label-Free Surface Plasmon Resonance Immunosensor for Enrofloxacin Detection in Animal-Derived Foods. <i>Sensors</i> , 2017 , 17,	3.8	20
26	Hollow molecularly imprinted polymer based quartz crystal microbalance sensor for rapid detection of methimazole in food samples. <i>Food Chemistry</i> , 2020 , 309, 125787	8.5	20
25	Modification of Glutenin and Associated Changes in Digestibility Due to Methylglyoxal during Heat Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 10734-10743	5.7	16
24	Fluorescent quenching immune chromatographic strips with quantum dots and upconversion nanoparticles as fluorescent donors for visual detection of sulfaquinoxaline in foods of animal origin. <i>Analytica Chimica Acta</i> , 2017 , 982, 185-192	6.6	15
23	Substructure-activity relationship studies on antibody recognition for phenylurea compounds using competitive immunoassay and computational chemistry. <i>Scientific Reports</i> , 2018 , 8, 3131	4.9	13
22	A rapid fluorometric method for determination of aflatoxin B in plant-derived food by using a thioflavin T-based aptasensor. <i>Mikrochimica Acta</i> , 2019 , 186, 214	5.8	12
21	A Molecularly Imprinted Polymer Capped Nitrogen-Doped Graphene Quantum Dots System for Sensitive Determination of Tetracycline in Animal-Derived Food. <i>ChemistrySelect</i> , 2020 , 5, 839-846	1.8	12

20	Reproducible Molecularly Imprinted QCM Sensor for Accurate, Stable, and Sensitive Detection of Enrofloxacin Residue in Animal-Derived Foods. <i>Food Analytical Methods</i> , 2018 , 11, 495-503	3.4	12
19	Indirect competitive ELISA and colloidal gold-based immunochromatographic strip for amantadine detection in animal-derived foods. <i>Analytical Methods</i> , 2019 , 11, 2027-2032	3.2	11
18	Two fluorescence quenching immunochromatographic assays based on carbon dots and quantum dots as donor probes for the determination of enrofloxacin. <i>Analytical Methods</i> , 2019 , 11, 2378-2384	3.2	11
17	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> , 2016 , 64, 2627-34	5.7	11
16	Enzyme-linked immunosorbent assay for the determination of T-2 toxin in cereals and feedstuff. <i>Mikrochimica Acta</i> , 2010 , 169, 137-144	5.8	11
15	Stable and Sensitive Detection of Sulfonamide Residues in Animal-Derived Foods Using a Reproducible Surface Plasmon Resonance Immunosensor. <i>Food Analytical Methods</i> , 2017 , 10, 2027-2035 ^{3,4}	3.4	10
14	Black phosphorus-Au nanocomposite-based fluorescence immunochromatographic sensor for high-sensitive detection of zearalenone in cereals. <i>Nanophotonics</i> , 2020 , 9, 2397-2406	6.3	9
13	Determination of streptomycin residues in animal-derived foods by a reliable and accurate enzyme-linked immunosorbent assay. <i>Analytical Methods</i> , 2013 , 5, 4430	3.2	9
12	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> , 2017 , 7, 31123-31128	3.7	7
11	Effects of Starch on the Digestibility of Gluten under Different Thermal Processing Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 7120-7127	5.7	7
10	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> , 2019 , 2019, 2547280	1.4	5
9	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> , 2021 , 357, 129766	8.5	5
8	Detection and quantification of folic acid in serum via a dual-emission fluorescence nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7481-7487	4.4	4
7	Rolling circle amplification based colorimetric determination of Staphylococcus aureus. <i>Mikrochimica Acta</i> , 2020 , 187, 119	5.8	4
6	A Mild Method for Preparation of Highly Selective Magnetic Biochar Microspheres. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
5	Effects of dietary fiber on the digestion and structure of gluten under different thermal processing conditions. <i>Food Hydrocolloids</i> , 2020 , 108, 106080	10.6	3
4	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> , 2021 , 198, 113820	11.8	3
3	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> , 2021 , 14, 1637-1644	3.4	3

2	A fluorescence quenching-recovery sensor based on RCA for the specific analysis of <i>Fusobacterium nucleatum. nucleatum</i> . <i>Analytical Biochemistry</i> , 2020 , 604, 113808	3.1	2
1	Rapid Detection of Kaempferol Using Surface Molecularly Imprinted Mesoporous Molecular Sieves Embedded with Carbon Dots. <i>International Journal of Analytical Chemistry</i> , 2020 , 2020, 5819062	1.4	0