

Junping Wang

List of Publications by Year in descending order

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39
papers

904
citations

471061

17
h-index

500791

28
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39
docs citations

39
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 3908-3915.	2.4	67
2	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.	5.3	66
3	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, 424-429.	1.7	65
4	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.	5.3	58
5	Visual and rapid lateral flow immunochromatographic assay for enrofloxacin using dyed polymer microspheres and quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 4313-4321.	2.5	46
6	A novel fluorescent 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.	1.9	41
7	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.	2.6	40
8	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.	2.5	38
9	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.	2.4	35
10	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.	1.7	32
11	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, 1984.	2.1	29
12	Hollow molecularly imprinted polymer based quartz crystal microbalance sensor for rapid detection of methimazole in food samples. <i>Food Chemistry</i> , 2020, 309, 125787.	4.2	28
13	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.	2.4	26
14	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.	1.3	24
15	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.	2.6	21
16	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.	0.7	20
17	A rapid fluorometric method for determination of aflatoxin B1 in plant-derived food by using a thioflavin T-based aptasensor. <i>Mikrochimica Acta</i> , 2019, 186, 214.	2.5	19
18	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.	1.3	18

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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.	1.3	18
20	Rolling circle amplification based colorimetric determination of <i>Staphylococcus aureus</i> . <i>Mikrochimica Acta</i> , 2020, 187, 119.	2.5	18
21	Substructure-activity relationship studies on antibody recognition for phenylurea compounds using competitive immunoassay and computational chemistry. <i>Scientific Reports</i> , 2018, 8, 3131.	1.6	16
22	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.	2.4	16
23	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.	4.2	16
24	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.	1.7	15
25	Black phosphorus-Au nanocomposite-based fluorescence immunochromatographic sensor for high-sensitive detection of zearalenone in cereals. <i>Nanophotonics</i> , 2020, 9, 2397-2406.	2.9	14
26	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, 2627-2634.	2.4	12
27	Effects of dietary fiber on the digestion and structure of gluten under different thermal processing conditions. <i>Food Hydrocolloids</i> , 2020, 108, 106080.	5.6	12
28	Enzyme-linked immunosorbent assay for the determination of T-2 toxin in cereals and feedstuff. <i>Mikrochimica Acta</i> , 2010, 169, 137-144.	2.5	11
29	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.	1.3	11
30	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.	1.3	11
31	Determination of streptomycin residues in animal-derived foods by a reliable and accurate enzyme-linked immunosorbent assay. <i>Analytical Methods</i> , 2013, 5, 4430.	1.3	10
32	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, 1-10.	0.4	10
33	Dual-mode sensing of biomarkers based on nano 3D Cu-Flo.@AuNPs-electrocatalyzed oxidation of glucose inducing in-situ H ₂ O ₂ -generation system. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113820.	5.3	10
34	Detection and quantification of folic acid in serum via a dual-emission fluorescence nanoprobe. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7481-7487.	1.9	8
35	A Mild Method for Preparation of Highly Selective Magnetic Biochar Microspheres. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3752.	1.8	8
36	A fluorescence quenching-recovery sensor based on RCA for the specific analysis of <i>Fusobacterium nucleatum</i> . <i>Analytical Biochemistry</i> , 2020, 604, 113808.	1.1	8

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37	Methylglyoxal Decoration of Glutenin during Heat Processing Could Alleviate the Resulting Allergic Reaction in Mice. <i>Nutrients</i> , 2020, 12, 2844.	1.7	3
38	Rapid Detection of Kaempferol Using Surface Molecularly Imprinted Mesoporous Molecular Sieves Embedded with Carbon Dots. <i>International Journal of Analytical Chemistry</i> , 2020, 2020, 1-8.	0.4	2
39	Effects of Glycated Glutenin Heat-Processing Conditions on Its Digestibility and Induced Inflammation Levels in Cells. <i>Foods</i> , 2021, 10, 1365.	1.9	2