

# Wei Sheng

## 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.

20 papers	377 citations	12 h-index	19 g-index
21 ext. papers	480 ext. citations	5.4 avg, IF	3.52 L-index

#	Paper	IF	Citations
20	A broad-spectrum antibody based bio-barcode fluorescence immunosensor for simultaneous detection of eight heterocyclic aromatic amines (HAAs) in heat processed meat. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 337, 129759	8.5	2
19	Preparation of a Broad-Spectrum Heterocyclic Aromatic Amines (HAAs) Antibody and Its Application in Detection of Eight HAAs in Heat Processed Meat. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 15501-15508	5.7	3
18	An Ultrasensitive Fluorescence Immunoassay Based on Magnetic Separation and Upconversion Nanoparticles as Labels for the Detection of Chloramphenicol in Animal-Derived Foods. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 2039-2049	3.4	5
17	Multiplexed fluorescence immunoassay combined with magnetic separation using upconversion nanoparticles as multicolor labels for the simultaneous detection of tyramine and histamine in food samples. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1130, 117-125	6.6	15
16	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
15	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
14	Highly sensitive atrazine fluorescence immunoassay by using magnetic separation and upconversion nanoparticles as labels. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 564	5.8	15
13	Visual Non-Instrumental On-Site Detection of Fumonisin B <sub>1</sub> and B <sub>2</sub> in Cereal Samples Using a Clean-Up Combined with Gel-Based Immunoaffinity Test Column Assay. <i>Toxins</i> , <b>2018</b> , 10,	4.9	5
12	Visual and fluorometric lateral flow immunoassay combined with a dual-functional test mode for rapid determination of tetracycline antibiotics. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 404	5.8	34
11	Lateral Flow Quantum-Dot-Based Immunochromatographic Assay and Fluorescence Quenching Immunochromatographic Assay with Quantum Dots as Fluorescence Donors to Visually Detect Bisphenol A in Food and Water Samples. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 675-685	3.4	5
10	Sensitive detection of bisphenol A in drinking water and river water using an upconversion nanoparticles-based fluorescence immunoassay in combination with magnetic separation. <i>Analytical Methods</i> , <b>2018</b> , 10, 5313-5320	3.2	10
9	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
8	Development of an Enzyme-Linked Immunosorbent Assay for the Detection of Tyramine as an Index of Freshness in Meat and Seafood. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8944-8949	5.7	21
7	Development of an Enzyme-Linked Immunosorbent Assay for the Detection of 2-Amino-3-Methylimidazo [4, 5-f] Quinoline (IQ) in Processed Foods. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 1036-1045	3.4	2
6	Upconversion Nanoparticles and Monodispersed Magnetic Polystyrene Microsphere Based Fluorescence Immunoassay for the Detection of Sulfaquinolaxline in Animal-Derived Foods. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 3908-15	5.7	52
5	A novel and sensitive fluorescence immunoassay for the detection of fluoroquinolones in animal-derived foods using upconversion nanoparticles as labels. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 8487-96	4.4	34
4	A gel-based visual immunoassay for non-instrumental detection of chloramphenicol in food samples. <i>Analytica Chimica Acta</i> , <b>2012</b> , 751, 128-34	6.6	17

3	Enzyme-linked immunosorbent assay and immunochromatographic strip for rapid detection of atrazine in water samples. <i>Mikrochimica Acta</i> , <b>2012</b> , 177, 177-184	5.8	18
2	Enzyme-linked immunosorbent assay and colloidal gold-based immunochromatographic assay for several (fluoro)quinolones in milk. <i>Mikrochimica Acta</i> , <b>2011</b> , 173, 307-316	5.8	40
1	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