

# Maojun Jin

## List of Publications by Year in descending order

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74  
papers

1,903  
citations

186265

28  
h-index

302126

39  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme inhibition methods based on Au nanomaterials for rapid detection of organophosphorus pesticides in agricultural and environmental samples: A review. <i>Journal of Advanced Research</i> , 2022, 37, 61-74.	9.5	32
2	A Competitive Assay Based on Dual-Mode Au@Pt-DNA Biosensors for On-Site Sensitive Determination of Carbendazim Fungicide in Agricultural Products. <i>Frontiers in Nutrition</i> , 2022, 9, 820150.	3.7	3
3	pH-Responsive On-Demand Alkaloids Release from Core@Shell ZnO@ZIF-8 Nanosphere for Synergistic Control of Bacterial Wilt Disease. <i>ACS Nano</i> , 2022, 16, 2762-2773.	14.6	72
4	Residue, Dissipation Pattern, and Dietary Risk Assessment of Imidacloprid in Chinese Chives. <i>Frontiers in Nutrition</i> , 2022, 9, 846333.	3.7	5
5	A competitive immunoassay for detecting triazophos based on fluorescent catalytic hairpin self-assembly. <i>Mikrochimica Acta</i> , 2022, 189, 114.	5.0	9
6	A highly sensitive bio-barcode immunoassay for multi-residue detection of organophosphate pesticides based on fluorescence anti-quenching. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 637-644.	5.3	7
7	Design and Characterization of a Novel Hapten and Preparation of Monoclonal Antibody for Detecting Atrazine. <i>Foods</i> , 2022, 11, 1726.	4.3	5
8	Generation of functional single-chain fragment variable from hybridoma and development of chemiluminescence enzyme immunoassay for determination of total malachite green in tilapia fish. <i>Food Chemistry</i> , 2021, 337, 127780.	8.2	33
9	An optimized LC-MS/MS workflow for evaluating storage stability of fluroxypyr and halosulfuron-methyl in maize samples. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021, 56, 64-72.	1.5	1
10	A visual bio-barcode immunoassay for sensitive detection of triazophos based on biochip silver staining signal amplification. <i>Food Chemistry</i> , 2021, 347, 129024.	8.2	11
11	Enhanced Bio-Barcode Immunoassay Using Droplet Digital PCR for Multiplex Detection of Organophosphate Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11131-11141.	5.2	2
12	A sensitive bio-barcode immunoassay based on bimetallic Au@Pt nanozyme for detection of organophosphate pesticides in various agro-products. <i>Food Chemistry</i> , 2021, 362, 130118.	8.2	27
13	Novel Fe <sub>3</sub> O <sub>4</sub> @metal-organic framework@polymer core-shell-shell nanospheres for fast extraction and specific preconcentration of nine organophosphorus pesticides from complex matrices. <i>Food Chemistry</i> , 2021, 365, 130485.	8.2	29
14	Competitive Bio-Barcode Immunoassay for Highly Sensitive Detection of Parathion Based on Bimetallic Nanozyme Catalysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 660-668.	5.2	45
15	A sensitive fluorometric bio-barcode immunoassay for detection of triazophos residue in agricultural products and water samples by iterative cycles of DNA-RNA hybridization and dissociation of fluorophores by Ribonuclease H. <i>Science of the Total Environment</i> , 2020, 717, 137268.	8.0	12
16	Fluorescence immunoassay for multiplex detection of organophosphate pesticides in agro-products based on signal amplification of gold nanoparticles and oligonucleotides. <i>Food Chemistry</i> , 2020, 326, 126813.	8.2	55
17	Enhancing the Sensitivity of the Bio-barcode Immunoassay for Triazophos Detection Based on Nanoparticles and Droplet Digital Polymerase Chain Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12936-12944.	5.2	16
18	Colorimetric bio-barcode immunoassay for parathion based on amplification by using platinum nanoparticles acting as a nanozyme. <i>Mikrochimica Acta</i> , 2019, 186, 339.	5.0	30

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19	Simple and sensitive detection of triazophos pesticide by using quantum dots nanobeads based on immunoassay. <i>Food and Agricultural Immunology</i> , 2019, 30, 522-532.	1.4	24
20	Bio-barcode detection technology and its research applications: A review. <i>Journal of Advanced Research</i> , 2019, 20, 23-32.	9.5	31
21	A disposable molecularly imprinted sensor based on Graphene@AuNPs modified screen-printed electrode for highly selective and sensitive detection of cyhexatin in pear samples. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 13-22.	7.8	16
22	Multiresidue Determination of Six Pesticide Adjuvants in Characteristic Minor Crops Using QuEChERS Method and Gas Chromatography-Mass Spectrometry. <i>ChemistrySelect</i> , 2019, 4, 66-70.	1.5	5
23	Metal-organic framework UiO-66 for rapid dispersive solid phase extraction of neonicotinoid insecticides in water samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1077-1078, 92-97.	2.3	49
24	Development of immunoassays for multi-residue detection of small molecule compounds. <i>Food and Agricultural Immunology</i> , 2018, 29, 638-652.	1.4	20
25	A simple and sensitive competitive bio-barcode immunoassay for triazophos based on multi-modified gold nanoparticles and fluorescent signal amplification. <i>Analytica Chimica Acta</i> , 2018, 999, 123-131.	5.4	42
26	Highly sensitive detection of triazophos pesticide using a novel bio-bar-code amplification competitive immunoassay in a micro well plate-based platform. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 457-464.	7.8	31
27	Rapid Analysis of Bitertanol in Agro-products Using Molecularly Imprinted Polymers-Surface-Enhanced Raman Spectroscopy. <i>Food Analytical Methods</i> , 2018, 11, 1435-1443.	2.6	17
28	Rapid analysis of tristyrylphenol ethoxylates in cucumber-field system using supercritical fluid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 266, 119-125.	8.2	13
29	Residue behaviors and risk assessment of flonicamid and its metabolites in the cabbage field ecosystem. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 420-429.	6.0	47
30	Biomimetic enzyme-linked immunoassay based on a molecularly imprinted 96-well plate for the determination of triazophos residues in real samples. <i>RSC Advances</i> , 2018, 8, 20549-20556.	3.6	13
31	Developments on Immunoassays for Pyrethroid Chemicals. <i>Current Organic Chemistry</i> , 2018, 21, .	1.6	3
32	A review of enhancers for chemiluminescence enzyme immunoassay. <i>Food and Agricultural Immunology</i> , 2017, 28, 315-327.	1.4	40
33	Determination of hymexazol in 26 foods of plant origin by modified QuEChERS method and liquid chromatography tandem-mass spectrometry. <i>Food Chemistry</i> , 2017, 228, 411-419.	8.2	20
34	Selective Determination of Chloramphenicol in Milk Samples by the Solid-Phase Extraction Based on Dummy Molecularly Imprinted Polymer. <i>Food Analytical Methods</i> , 2017, 10, 2566-2575.	2.6	34
35	SERS-active metal-organic frameworks with embedded gold nanoparticles. <i>Analyst</i> , 2017, 142, 2640-2647.	3.5	69
36	A sensitive chemiluminescence enzyme immunoassay based on molecularly imprinted polymers solid-phase extraction of parathion. <i>Analytical Biochemistry</i> , 2017, 530, 87-93.	2.4	28

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37	Tracking Changes of Hexabromocyclododecanes during the Refining Process in Peanut, Corn, and Soybean Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9880-9886.	5.2	7
38	A highly selective electrochemical sensor based on molecularly imprinted polypyrrole-modified gold electrode for the determination of glyphosate in cucumber and tap water. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 7133-7144.	3.7	58
39	One-pot synthesis of magnetic zeolitic imidazolate framework/grapheme oxide composites for the extraction of neonicotinoid insecticides from environmental water samples. <i>Journal of Separation Science</i> , 2017, 40, 4747-4756.	2.5	26
40	Fast determination of alkylphenol ethoxylates in leafy vegetables using a modified quick, easy, cheap, effective, rugged, and safe method and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1525, 161-172.	3.7	28
41	Selective solid-phase extraction based on molecularly imprinted technology for the simultaneous determination of 20 triazole pesticides in cucumber samples using high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1064, 143-150.	2.3	40
42	Subcritical water extraction combined with molecular imprinting technology for sample preparation in the detection of triazine herbicides. <i>Journal of Chromatography A</i> , 2017, 1515, 17-22.	3.7	28
43	Competitive colorimetric triazophos immunoassay employing magnetic microspheres and multi-labeled gold nanoparticles along with enzymatic signal enhancement. <i>Mikrochimica Acta</i> , 2017, 184, 3705-3712.	5.0	26
44	Nonylphenol Toxicity Evaluation and Discovery of Biomarkers in Rat Urine by a Metabolomics Strategy through HPLC-QTOF-MS. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 501.	2.6	7
45	Electrochemical detection of ractopamine based on a molecularly imprinted poly-o-phenylenediamine/gold nanoparticle-ionic liquid-graphene film modified glass carbon electrode. <i>RSC Advances</i> , 2016, 6, 66949-66956.	3.6	23
46	A Competitive Bio-Barcode Amplification Immunoassay for Small Molecules Based on Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 38114.	3.3	41
47	Fluorescent competitive assay for melamine using dummy molecularly imprinted polymers as antibody mimics. <i>Journal of Integrative Agriculture</i> , 2016, 15, 1166-1177.	3.5	9
48	Preparation of magnetic metal organic framework composites for the extraction of neonicotinoid insecticides from environmental water samples. <i>RSC Advances</i> , 2016, 6, 113144-113151.	3.6	44
49	Determination of astaxanthin in feeds using high performance liquid chromatography and an efficient extraction method. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 35-43.	1.0	8
50	Colorimetric sensing of atrazine in rice samples using cysteamine functionalized gold nanoparticles after solid phase extraction. <i>Analytical Methods</i> , 2016, 8, 52-56.	2.7	30
51	Competitive fluorescence assay for specific recognition of atrazine by magnetic molecularly imprinted polymer based on Fe <sub>3</sub> O <sub>4</sub> -chitosan. <i>Carbohydrate Polymers</i> , 2016, 137, 75-81.	10.2	63
52	Study on Enhancement Principle and Stabilization for the Luminol-H <sub>2</sub> O <sub>2</sub> -HRP Chemiluminescence System. <i>PLoS ONE</i> , 2015, 10, e0131193.	2.5	24
53	The Rapid Screening of Triazophos Residues in Agricultural Products by Chemiluminescent Enzyme Immunoassay. <i>PLoS ONE</i> , 2015, 10, e0133839.	2.5	13
54	Preparation of a magnetic molecularly imprinted polymer using g-C <sub>3</sub> N <sub>4</sub> -Fe <sub>3</sub> O <sub>4</sub> for atrazine adsorption. <i>Materials Letters</i> , 2015, 160, 472-475.	2.6	41

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55	Spectrophotometric and visual detection of the herbicide atrazine by exploiting hydrogen bond-induced aggregation of melamine-modified gold nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 1983-1989.	5.0	40
56	Simulation of nonylphenol degradation in leafy vegetables using a deuterated tracer. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1323-1330.	3.5	5
57	Simultaneous determination of four organotins in food packaging by high-performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 181, 347-353.	8.2	16
58	A rapid immunomagnetic-bead-based immunoassay for triazophos analysis. <i>RSC Advances</i> , 2015, 5, 81046-81051.	3.6	14
59	Simultaneous Determination of Perfluorinated Compounds in Edible Oil by Gel-Permeation Chromatography Combined with Dispersive Solid-Phase Extraction and Liquid Chromatography-tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8364-8371.	5.2	32
60	Molecularly imprinted polymer for selective extraction and simultaneous determination of four tropane alkaloids from <i>Przewalskia tangutica</i> Maxim. fruit extracts using LC-MS/MS. <i>RSC Advances</i> , 2015, 5, 94997-95006.	3.6	29
61	Multiresidue Method for Analysis of $\beta$ Agonists in Swine Urine by Enzyme Linked Receptor Assay Based on $\beta$ 2 Adrenergic Receptor Expressed in HEK293 Cells. <i>PLoS ONE</i> , 2015, 10, e0139176.	2.5	5
62	Determination of Melamine Using Magnetic Molecular Imprinted Polymers and High Performance Liquid Chromatography. <i>Analytical Letters</i> , 2013, 46, 120-130.	1.8	12
63	A sensitive chemiluminescent enzyme immunoassay for carbofuran residue in vegetable, fruit and environmental samples. <i>Food and Agricultural Immunology</i> , 2013, 24, 345-356.	1.4	9
64	Rapid Analysis of Indoxacarb Residues in Vegetable by QuEChERS and LC-MS/MS. <i>Asian Journal of Chemistry</i> , 2013, 25, 3503-3504.	0.3	3
65	Simultaneous Determination of Five Plant Growth Regulators in Fruits by Modified Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) Extraction and Liquid Chromatography-tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 60-65.	5.2	91
66	A reliable immunoturbidimetry method for immunoglobulin G in bovine colostrum. <i>Food and Agricultural Immunology</i> , 2012, 23, 133-144.	1.4	5
67	Rapid Determination of Chlormequat in Meat by Dispersive Solid-Phase Extraction and Hydrophilic Interaction Liquid Chromatography (HILIC)-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6816-6822.	5.2	29
68	Enhanced Competitive Chemiluminescent Enzyme Immunoassay for the Trace Detection of Insecticide Triazophos. <i>Journal of Food Science</i> , 2012, 77, T99-T104.	3.1	24
69	Pesticide use and residue control in China. <i>Journal of Pesticide Sciences</i> , 2010, 35, 138-142.	1.4	48
70	Residues determination of carbofuran in vegetables based on sensitive time-resolved fluorescence immunoassay. <i>Food and Agricultural Immunology</i> , 2009, 20, 49-56.	1.4	19
71	Development of a sensitive competitive indirect ELISA for parathion residue in agricultural and environmental samples. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1673-1679.	6.0	20
72	Development of a direct competitive enzyme-linked immunoassay for carbofuran in vegetables. <i>Food Chemistry</i> , 2008, 107, 1737-1742.	8.2	24

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73	Hapten design and indirect competitive immunoassay for parathion determination: Correlation with molecular modeling and principal component analysis. <i>Analytica Chimica Acta</i> , 2007, 591, 173-182.	5.4	62
74	A Facile Synthesis of DNA-Magnetic-Fluorescent Composite Particles. <i>Advanced Materials Research</i> , 0, 557-559, 669-673.	0.3	0