

# Mingfei Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,687  
citations

218592

26  
h-index

289141

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2027  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | One-pot synthesis of nanoscale carbon dots-embedded metal-organic frameworks at room temperature for enhanced chemical sensing. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15880-15887.   | 5.2 | 133       |
| 2  | Fluorescent Carbon Quantum Dots Synthesis, Functionalization and Sensing Application in Food Analysis. <i>Nanomaterials</i> , 2020, 10, 930.  | 1.9 | 87        |
| 3  | A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. <i>Biosensors and Bioelectronics</i> , 2018, 102, 357-364.  | 5.3 | 86        |
| 4  | Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. <i>Biosensors and Bioelectronics</i> , 2016, 79, 359-363.  | 5.3 | 69        |
| 5  | One-pot synthesis of carbon dots-embedded molecularly imprinted polymer for specific recognition of sterigmatocystin in grains. <i>Biosensors and Bioelectronics</i> , 2016, 77, 950-956.   | 5.3 | 68        |
| 6  | Molecularly imprinted polymer on ionic liquid-modified CdSe/ZnS quantum dots for the highly selective and sensitive optosensing of tocopherol. <i>Journal of Materials Chemistry</i> , 2012, 22, 19882.   | 6.7 | 66        |
| 7  | A Review of Methods for Detecting Melamine in Food Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 51-66.  | 1.8 | 61        |
| 8  | Carbon-Based Nanomaterials in Sensors for Food Safety. <i>Nanomaterials</i> , 2019, 9, 1330.  | 1.9 | 59        |
| 9  | 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        |
| 10 | Noble Metal Nanostructured Materials for Chemical and Biosensing Systems. <i>Nanomaterials</i> , 2020, 10, 209.   | 1.9 | 54        |
| 11 | Advances on Food-Derived Peptidic Antioxidants A Review. <i>Antioxidants</i> , 2020, 9, 799.  | 2.2 | 51        |
| 12 | Nanomaterials for Electrochemical Immunosensing. <i>Sensors</i> , 2017, 17, 1041.   | 2.1 | 48        |
| 13 | A novel molecularly imprinted polymer on CdSe/ZnS quantum dots for highly selective optosensing of mycotoxin zearalenone in cereal samples. <i>RSC Advances</i> , 2014, 4, 2764-2771.   | 1.7 | 46        |
| 14 | Development and comparison of immunochromatographic strips with three nanomaterial labels: Colloidal gold, nanogold-polyaniline-nanogold microspheres (GPGs) and colloidal carbon for visual detection of salbutamol. <i>Biosensors and Bioelectronics</i> , 2016, 85, 337-342.                   | 5.3 | 46        |
| 15 | A SiO <sub>2</sub> @MIP electrochemical sensor based on MWCNTs and AuNPs for highly sensitive and selective recognition and detection of dibutyl phthalate. <i>Food Chemistry</i> , 2022, 381, 132225.  | 4.2 | 43        |
| 16 | Review of Research into the Determination of Acrylamide in Foods. <i>Foods</i> , 2020, 9, 524.  | 1.9 | 41        |
| 17 | An ionic liquid modified dummy molecularly imprinted polymer as a solid-phase extraction material for the simultaneous determination of nine organochlorine pesticides in environmental and food samples. <i>Analytical Methods</i> , 2013, 5, 6128.  | 1.3 | 40        |
| 18 | Sensitive and selective electrochemical determination of quinoxaline-2-carboxylic acid based on bilayer of novel poly(pyrrole) functional composite using one-step electro-polymerization and molecularly imprinted poly(o-phenylenediamine). <i>Analytica Chimica Acta</i> , 2014, 806, 136-143. | 2.6 | 40        |

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|----|--|-----|-----------|
| 19 | A novel ionic liquid polymer material with high binding capacity for proteins. <i>Journal of Materials Chemistry</i> , 2012, 22, 3965.   | 6.7 | 39        |
| 20 | A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. <i>Sensors</i> , 2018, 18, 1946.   | 2.1 | 39        |
| 21 | Synthesis and characterization of a molecularly imprinted polymer and its application as SPE enrichment sorbent for determination of trace methimazole in pig samples using HPLC-UV. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1531-1536. | 1.2 | 36        |
| 22 | Molecularly imprinted biomimetic QCM sensor involving a poly(amidoamine) dendrimer as a functional monomer for the highly selective and sensitive determination of methimazole. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 588-595.   | 4.0 | 34        |
| 23 | An "Off-On" Rhodamine 6G Hydrazide-Based Output Platform for Fluorescence and Visual Dual-Mode Detection of Lead(II). <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7209-7217.   | 2.4 | 31        |
| 24 | 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        |
| 25 | Substitution of Antibody with Molecularly Imprinted Film in Enzyme-Linked Immunosorbent Assay for Determination of Trace Ractopamine in Urine and Pork Samples. <i>Food Analytical Methods</i> , 2011, 4, 590-597.   | 1.3 | 28        |
| 26 | Electrochemical sensor using methimazole imprinted polymer sensitized with MWCNTs and Salen-Co(III) as recognition element. <i>Biosensors and Bioelectronics</i> , 2012, 31, 11-16.  | 5.3 | 27        |
| 27 | Production of multi-walled carbon nanotube/poly(aminoamide) dendrimer hybrid and its application to piezoelectric immunosensing for metolcarb. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 949-956.  | 4.0 | 26        |
| 28 | Development of Lateral Flow Immunochromatographic Assays Using Colloidal Au Sphere and Nanorods as Signal Marker for the Determination of Zearalenone in Cereals. <i>Foods</i> , 2020, 9, 281.   | 1.9 | 25        |
| 29 | An electrodeposited molecularly imprinted quartz crystal microbalance sensor sensitized with AuNPs and rGO material for highly selective and sensitive detection of amantadine. <i>RSC Advances</i> , 2018, 8, 6600-6607.  | 1.7 | 24        |
| 30 | Core-shell AuNRs@Ag-enhanced and magnetic separation-assisted SERS immunosensing platform for amantadine detection in animal-derived foods. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130783.  | 4.0 | 23        |
| 31 | Molecularly imprinted electrodeposition o-aminothiophenol sensor for selective and sensitive determination of amantadine in animal-derived foods. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 32-39.   | 4.0 | 19        |
| 32 | 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        |
| 33 | 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        |
| 34 | A Reproducible Surface Plasmon Resonance Immunochip for the Label-Free Detection of Amantadine in Animal-Derived Foods. <i>Food Analytical Methods</i> , 2019, 12, 1007-1016.  | 1.3 | 17        |
| 35 | Irradiation technology: An effective and promising strategy for eliminating food allergens. <i>Food Research International</i> , 2021, 148, 110578.  | 2.9 | 17        |
| 36 | Synthesis of Magnetic Metal-Organic Frame Material and Its Application in Food Sample Preparation. <i>Foods</i> , 2020, 9, 1610.   | 1.9 | 16        |

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|----|---|-----|-----------|
| 37 | Aptamer-Based Fluorescent Biosensor for the Rapid and Sensitive Detection of Allergens in Food Matrices. <i>Foods</i> , 2021, 10, 2598.   | 1.9 | 15        |
| 38 | Preparation of a molecularly imprinted polymer using TMB as a dummy template and its application as SPE sorbent for determination of six PBBs in water and fish samples. <i>Analytical Methods</i> , 2011, 3, 393-399.  | 1.3 | 14        |
| 39 | Electrochemical sensing platform for the detection of methyl parathion applying highly biocompatible non-covalent functionalized phosphonium-based ionic liquid@MWCNTs hybrid to immobilize hemoglobin. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113755. | 5.3 | 14        |
| 40 | Fabrication and evaluation of a label-free piezoelectric immunosensor for sensitive and selective detection of amantadine in foods of animal origin. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5745-5753.  | 1.9 | 13        |
| 41 | A UCMPs@MIL-100 based thermo-sensitive molecularly imprinted fluorescence sensor for effective detection of $\beta$ -lactoglobulin allergen in milk products. <i>Journal of Nanobiotechnology</i> , 2022, 20, 51.   | 4.2 | 13        |
| 42 | Reproducible Molecularly Imprinted Piezoelectric Sensor for Accurate and Sensitive Detection of Ractopamine in Swine and Feed Products. <i>Sensors</i> , 2018, 18, 1870.  | 2.1 | 12        |
| 43 | Simultaneous determination of five quinoxaline-1,4-dioxides and two major metabolites in surface water by on-line solid phase extraction coupled to high-performance liquid chromatography. <i>Analytical Methods</i> , 2011, 3, 1821.                            | 1.3 | 11        |
| 44 | 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        |
| 45 | Development of Indirect Competitive ELISA and Visualized Multicolor ELISA Based on Gold Nanorods Growth for the Determination of Zearalenone. <i>Foods</i> , 2021, 10, 2654.  | 1.9 | 11        |
| 46 | A Portable, Label-Free, Reproducible Quartz Crystal Microbalance Immuno chip for the Detection of Zearalenone in Food Samples. <i>Biosensors</i> , 2021, 11, 53.  | 2.3 | 9         |
| 47 | In-situ graft-crosslinked gold nanoparticles with high-density surface defects and coated with a polytaurine membrane for the voltammetric determination of dopamine. <i>Mikrochimica Acta</i> , 2019, 186, 746.  | 2.5 | 2         |