Mingfei Pan

List of Publications by Citations

46 papers	1,113 citations	23 h-index	32 g-index
47 ext. papers	1,362 ext. citations	6.2 avg, IF	4.64 L-index

#	Paper	IF	Citations
46	One-pot synthesis of nanoscale carbon dots-embedded metal–organic frameworks at room temperature for enhanced chemical sensing. *Journal of Materials Chemistry A*, **2016**, 4, 15880-15887	13	87
45	A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. *Biosensors and Bioelectronics*, **2018**, 102, 357-364	11.8	61
44	Molecularly imprinted polymer on ionic liquid-modified CdSe/ZnS quantum dots for the highly selective and sensitive optosensing of tocopherol. *Journal of Materials Chemistry*, **2012**, 22, 19882		60
43	One-pot synthesis of carbon dots-embedded molecularly imprinted polymer for specific recognition of sterigmatocystin in grains. *Biosensors and Bioelectronics*, **2016**, 77, 950-6	11.8	56
42	Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. *Biosensors and Bioelectronics*, **2016**, 79, 359-63	11.8	56
41	Fluorescent Carbon Quantum Dots-Synthesis,Functionalization and Sensing Application in FoodAnalysis. *Nanomaterials*, **2020**, 10,	5.4	42
40	A Review of Methods for Detecting Melamine in Food Samples. *Critical Reviews in Analytical Chemistry*, **2017**, 47, 51-66	5.2	40
39	A novel molecularly imprinted polymer on CdSe/ZnS quantum dots for highly selective optosensing of mycotoxin zearalenone in cereal samples. *RSC Advances*, **2014**, 4, 2764-2771	3.7	40
38	Electrochemiluminescence sensor based on upconversion nanoparticles and oligoaniline-crosslinked gold nanoparticles imprinting recognition sites for the determination of dopamine. *Biosensors and Bioelectronics*, **2019**, 128, 129-136	11.8	37
37	Carbon-Based Nanomaterials in Sensors for Food Safety. *Nanomaterials*, **2019**, 9,	5.4	36
36	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. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 1531-6	3.2	36
35	A novel ionic liquid polymer material with high binding capacity for proteins. *Journal of Materials Chemistry*, **2012**, 22, 3965		35
34	Noble Metal Nanostructured Materials for Chemical and Biosensing Systems. *Nanomaterials*, **2020**, 10,	5.4	34
33	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. *Biosensors and Bioelectronics*, **2016**, 85, 337-342	11.8	34
32	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). *Analytica Chimica Acta*, **2014**, 806, 136-43	6.6	32
31	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. *Analytical Methods*, **2013**, 5, 6128	3.2	29
30	Nanomaterials for Electrochemical Immunosensing. *Sensors*, **2017**, 17,	3.8	28

29	Molecularly imprinted biomimetic QCM sensor involving a poly(amidoamine) dendrimer as a functional monomer for the highly selective and sensitive determination of methimazole. *Sensors and Actuators B: Chemical*, **2015**, 207, 588-595	8.5	27
28	A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. *Sensors*, **2018**, 18,	3.8	27
27	Electrochemical sensor using methimazole imprinted polymer sensitized with MWCNTs and Salen-Co(III) as recognition element. *Biosensors and Bioelectronics*, **2012**, 31, 11-6	11.8	26
26	Substitution of Antibody with Molecularly Imprinted Film in Enzyme-Linked Immunosorbent Assay for Determination of Trace Ractopamine in Urine and Pork Samples. *Food Analytical Methods*, **2011**, 4, 590-597	3.4	26
25	Production of multi-walled carbon nanotube/poly(aminoamide) dendrimer hybrid and its application to piezoelectric immunosensing for metolcarb. *Sensors and Actuators B: Chemical*, **2013**, 188, 949-956	8.5	25
24	Advances on Food-Derived Peptidic Antioxidants-A Review. *Antioxidants*, **2020**, 9,	7.1	23
23	Review of Research into the Determination of Acrylamide in Foods. *Foods*, **2020**, 9,	4.9	20
22	Development and Validation of a Reproducible and Label-Free Surface Plasmon Resonance Immunosensor for Enrofloxacin Detection in Animal-Derived Foods. *Sensors*, **2017**, 17,	3.8	20
21	An electrodeposited molecularly imprinted quartz crystal microbalance sensor sensitized with AuNPs and rGO material for highly selective and sensitive detection of amantadine.. *RSC Advances*, **2018**, 8, 6600-6607	3.7	19
20	Molecularly imprinted electrodeposition o-aminothiophenol sensor for selective and sensitive determination of amantadine in animal-derived foods. *Sensors and Actuators B: Chemical*, **2017**, 238, 32-39	8.5	15
19	Development of Lateral Flow Immunochromatographic Assays Using Colloidal Au Sphere and Nanorods as Signal Marker for the Determination of Zearalenone in Cereals. *Foods*, **2020**, 9,	4.9	14
18	A Reproducible Surface Plasmon Resonance Immunochip for the Label-Free Detection of Amantadine in Animal-Derived Foods. *Food Analytical Methods*, **2019**, 12, 1007-1016	3.4	13
17	Preparation of a molecularly imprinted polymer using TMB as a dummy template and its application as SPE sorbent for determination of six PBBs in and fish samples. *Analytical Methods*, **2011**, 3, 393-399	3.2	13
16	Reproducible Molecularly Imprinted QCM Sensor for Accurate, Stable, and Sensitive Detection of Enrofloxacin Residue in Animal-Derived Foods. *Food Analytical Methods*, **2018**, 11, 495-503	3.4	12
15	Indirect competitive ELISA and colloidal gold-based immunochromatographic strip for amantadine detection in animal-derived foods. *Analytical Methods*, **2019**, 11, 2027-2032	3.2	11
14	Fabrication and evaluation of a label-free piezoelectric immunosensor for sensitive and selective detection of amantadine in foods of animal origin. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 5745-5753	4.4	11
13	Stable and Sensitive Detection of Sulfonamide Residues in Animal-Derived Foods Using a Reproducible Surface Plasmon Resonance Immunosensor. *Food Analytical Methods*, **2017**, 10, 2027-2035	3.4	10
12	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. *Analytical Methods*, **2011**, 3, 1821	3.2	10

11	Reproducible Molecularly Imprinted Piezoelectric Sensor for Accurate and Sensitive Detection of Ractopamine in Swine and Feed Products. *Sensors*, **2018**, 18,	3.8	8
10	An "Off-On" Rhodamine 6G Hydrazide-Based Output Platform for Fluorescence and Visual Dual-Mode Detection of Lead(II). *Journal of Agricultural and Food Chemistry*, **2021**,	5.7	8
9	Synthesis of Magnetic Metal-Organic Frame Material and Its Application in Food Sample Preparation. *Foods*, **2020**, 9,	4.9	7
8	Aptamer-Based Fluorescent Biosensor for the Rapid and Sensitive Detection of Allergens in Food Matrices. *Foods*, **2021**, 10,	4.9	5
7	A Portable, Label-Free, Reproducible Quartz Crystal Microbalance Immunochip for the Detection of Zearalenone in Food Samples. *Biosensors*, **2021**, 11,	5.9	4
6	Core-shell AuNRs@Ag-enhanced and magnetic separation-assisted SERS immunosensing platform for amantadine detection in animal-derived foods. *Sensors and Actuators B: Chemical*, **2021**, 349, 130783	8.5	4
5	A UCMPs@MIL-100 based thermo-sensitive molecularly imprinted fluorescence sensor for effective detection of β-lactoglobulin allergen in milk products.. *Journal of Nanobiotechnology*, **2022**, 20, 51	9.4	3
4	A SiO@MIP electrochemical sensor based on MWCNTs and AuNPs for highly sensitive and selective recognition and detection of dibutyl phthalate.. *Food Chemistry*, **2022**, 381, 132225	8.5	3
3	Electrochemical sensing platform for the detection of methyl parathion applying highly biocompatible non-covalent functionalized phosphonium-based ionic liquid@MWCNTs hybrid to immobilize hemoglobin. *Biosensors and Bioelectronics*, **2022**, 197, 113755	11.8	3
2	In-situ graft-crosslinked gold nanoparticles with high-density surface defects and coated with a polytaurine membrane for the voltammetric determination of dopamine. *Mikrochimica Acta*, **2019**, 186, 746	5.8	2
1	Irradiation technology: An effective and promising strategy for eliminating food allergens. *Food Research International*, **2021**, 148, 110578	7	1