

Mingfei Pan

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.

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	A UCMPs@MIL-100 based thermo-sensitive molecularly imprinted fluorescence sensor for effective detection of Eactoglobulin allergen in milk products.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 51	9.4	3
45	A SiO@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	8.5	3
44	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	11.8	3
43	Aptamer-Based Fluorescent Biosensor for the Rapid and Sensitive Detection of Allergens in Food Matrices. <i>Foods</i> , 2021 , 10,	4.9	5
42	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 ,	5.7	8
41	A Portable, Label-Free, Reproducible Quartz Crystal Microbalance Immunochip for the Detection of Zearalenone in Food Samples. <i>Biosensors</i> , 2021 , 11,	5.9	4
40	Irradiation technology: An effective and promising strategy for eliminating food allergens. <i>Food Research International</i> , 2021 , 148, 110578	7	1
39	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	8.5	4
38	Fluorescent Carbon Quantum Dots-Synthesis,Functionalization and Sensing Application in FoodAnalysis. <i>Nanomaterials</i> , 2020 , 10,	5.4	42
37	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,	4.9	14
36	Noble Metal Nanostructured Materials for Chemical and Biosensing Systems. <i>Nanomaterials</i> , 2020 , 10,	5.4	34
35	Review of Research into the Determination of Acrylamide in Foods. <i>Foods</i> , 2020 , 9,	4.9	20
34	Synthesis of Magnetic Metal-Organic Frame Material and Its Application in Food Sample Preparation. <i>Foods</i> , 2020 , 9,	4.9	7
33	Advances on Food-Derived Peptidic Antioxidants-A Review. <i>Antioxidants</i> , 2020 , 9,	7.1	23
32	Carbon-Based Nanomaterials in Sensors for Food Safety. <i>Nanomaterials</i> , 2019 , 9,	5.4	36
31	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	3.4	13
30	Indirect competitive ELISA and colloidal gold-based immunochromatographic strip for amantadine detection in animal-derived foods. <i>Analytical Methods</i> , 2019 , 11, 2027-2032	3.2	11

29	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 ¹¹	4.4	11
28	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	5.8	2
27	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	11.8	37
26	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	3.7	19
25	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	3.4	12
24	A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. <i>Sensors</i> , 2018 , 18,	3.8	27
23	Reproducible Molecularly Imprinted Piezoelectric Sensor for Accurate and Sensitive Detection of Ractopamine in Swine and Feed Products. <i>Sensors</i> , 2018 , 18,	3.8	8
22	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	11.8	61
21	A Review of Methods for Detecting Melamine in Food Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 51-66	5.2	40
20	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 ^{3,4}	3.4	10
19	Nanomaterials for Electrochemical Immunosensing. <i>Sensors</i> , 2017 , 17,	3.8	28
18	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 ^{8,5}	8.5	15
17	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,	3.8	20
16	One-pot synthesis of nanoscale carbon dots-embedded metalorganic frameworks at room temperature for enhanced chemical sensing. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15880-15887	13	87
15	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	11.8	34
14	One-pot synthesis of carbon dots-embedded molecularly imprinted polymer for specific recognition of sterigmatocystin in grains. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 950-6	11.8	56
13	Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 359-63	11.8	56
12	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	8.5	27

11	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, 136-43	6.6	32
10	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	3.7	40
9	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	8.5	25
8	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	3.2	29
7	Electrochemical sensor using methimazole imprinted polymer sensitized with MWCNTs and Salen-Co(III) as recognition element. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 11-6	11.8	26
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		60
5	A novel ionic liquid polymer material with high binding capacity for proteins. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3965		35
4	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	3.4	26
3	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	3.2	10
2	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. <i>Analytical Methods</i> , 2011 , 3, 393-399	3.2	13
1	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, 1531-6	3.2	36