Xing Shen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9088666/publications.pdf

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29	670	567281 15	580821 25
papers	citations	h-index	g-index

29	29	29	501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-emission dual-enzyme magnetosensor for multiplex immunofluorometric assay of adulterated colorants in chili seasoning. Food Chemistry, 2022, 366, 130594.	8.2	8
2	Broad-specific immunochromatography for simultaneous detection of various sulfonylureas in adulterated multi-herbal tea. Food Chemistry, 2022, 370, 131055.	8.2	13
3	Prussian blue immunochromatography with portable smartphone-based detection device for zearalenone in cereals. Food Chemistry, 2022, 369, 131008.	8.2	33
4	Highly selective monoclonal antibody-based lateral flow immunoassay for visual and sensitive determination of conazole fungicides propiconazole in vegetables. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, 39, 92-104.	2.3	5
5	A highly sensitive and quantitative time resolved fluorescent microspheres lateral flow immunoassay for streptomycin and dihydrostreptomycin in milk, honey, muscle, liver, and kidney. Analytica Chimica Acta, 2022, 1192, 339360.	5.4	28
6	Antibody Generation and Rapid Immunochromatography Using Time-Resolved Fluorescence Microspheres for Propiconazole: Fungicide Abused as Growth Regulator in Vegetable. Foods, 2022, 11, 324.	4.3	11
7	Alkaline lysis-recombinase polymerase amplification combined with CRISPR/Cas12a assay for the ultrafast visual identification of pork in meat products. Food Chemistry, 2022, 383, 132318.	8.2	34
8	Multiplex optical bioassays for food safety analysis: Toward onâ€site detection. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 1627-1656.	11.7	25
9	Ultrasensitive Magnetic Assisted Lateral Flow Immunoassay Based on Chiral Monoclonal Antibody against R-(â^')-Salbutamol of Broad-Specificity for 38 Î²-Agonists Detection in Swine Urine and Pork. Journal of Agricultural and Food Chemistry, 2022, 70, 4112-4122.	5.2	9
10	An enhanced immunochromatography assay based on colloidal gold-decorated polydopamine for rapid and sensitive determination of gentamicin in animal-derived food. Food Chemistry, 2022, 387, 132916.	8.2	18
11	Immunochromatographic assays based on three kinds of nanoparticles for the rapid and highly sensitive detection of tylosin and tilmicosin in eggs. Mikrochimica Acta, 2022, 189, 42.	5.0	9
12	Latex microsphere immunochromatography for quantitative detection of dexamethasone in milk and pork. Food Chemistry, 2021, 345, 128607.	8.2	30
13	Preparation of a Bombyx mori acetylcholinesterase enzyme reagent through chaperone protein disulfide isomerase co-expression strategy in Pichia pastoris for detection of pesticides. Enzyme and Microbial Technology, 2021, 144, 109741.	3.2	10
14	Polystyrene Microsphere-Based Immunochromatographic Assay for Detection of Aflatoxin B1 in Maize. Biosensors, 2021, 11, 200.	4.7	8
15	Lateral Flow Immunochromatography Assay for Detection of Furosemide in Slimming Health Foods. Foods, 2021, 10, 2041.	4.3	10
16	Generation of recombinant antibodies by mammalian expression system for detecting S-metolachlor in environmental waters. Journal of Hazardous Materials, 2021, 418, 126305.	12.4	10
17	Conformational adaptability determining antibody recognition to distomer: structure analysis of enantioselective antibody against chiral drug gatifloxacin. RSC Advances, 2021, 11, 39534-39544.	3.6	1
18	Broad-specificity ELISA with a heterogeneous strategy for sensitive detection of microcystins and nodularin. Toxicon, 2020, 175, 44-48.	1.6	24

#	Article	IF	Citations
19	Magnet-actuated droplet microfluidic immunosensor coupled with gel imager for detection of microcystin-LR in aquatic products. Talanta, 2020, 219, 121329.	5.5	14
20	Open Surface Droplet Microfluidic Magnetosensor for Microcystin-LR Monitoring in Reservoir. Analytical Chemistry, 2020, 92, 3409-3416.	6.5	14
21	A smartphone-based dual detection mode device integrated with two lateral flow immunoassays for multiplex mycotoxins in cereals. Biosensors and Bioelectronics, 2020, 158, 112178.	10.1	125
22	A smartphone-based quantitative detection device integrated with latex microsphere immunochromatography for on-site detection of zearalenone in cereals and feed. Sensors and Actuators B: Chemical, 2019, 290, 170-179.	7.8	63
23	Rapid detection of adulteration of dehydroepiandrosterone in slimming products by competitive indirect enzyme-linked immunosorbent assay and lateral flow immunochromatography. Food and Agricultural Immunology, 2019, 30, 123-139.	1.4	30
24	Fluorescence Polarization Immunoassay for Determination of Enrofloxacin in Pork Liver and Chicken. Molecules, 2019, 24, 4462.	3.8	18
25	Four Hapten Spacer Sites Modulating Class Specificity: Nondirectional Multianalyte Immunoassay for 31 Î²-Agonists and Analogues. Analytical Chemistry, 2018, 90, 2716-2724.	6.5	25
26	Egg Yolk Immunoglobulin Supplementation Prevents Rat Liver from Aflatoxin B₁-Induced Oxidative Damage and Genotoxicity. Journal of Agricultural and Food Chemistry, 2018, 66, 13260-13267.	5.2	7
27	Four Specific Hapten Conformations Dominating Antibody Specificity: Quantitative Structureâ€“Activity Relationship Analysis for Quinolone Immunoassay. Analytical Chemistry, 2017, 89, 6740-6748.	6.5	18
28	Broad-Specificity Immunoassay for Simultaneous Detection of Ochratoxins A, B, and C in Millet and Maize. Journal of Agricultural and Food Chemistry, 2017, 65, 4830-4838.	5.2	51
29	Investigation of an Immunoassay with Broad Specificity to Quinolone Drugs by Genetic Algorithm with Linear Assignment of Hypermolecular Alignment of Data Sets and Advanced Quantitative Structureâ€“Activity Relationship Analysis. Journal of Agricultural and Food Chemistry, 2016, 64, 2772-2779.	5.2	19