

A smartphone-based dual detection mode device integrated with immunosensors for multiplex mycotoxins in cereals

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Competitive upconversion-linked immunoassay using peptide mimetics for the detection of the mycotoxin zearalenone. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112683.	5.3	36
2	Recent advances on emerging nanomaterials for controlling the mycotoxin contamination: From detection to elimination. <i>Food Frontiers</i> , 2020, 1, 360-381.	3.7	32
3	Immunoassays for rapid mycotoxin detection: state of the art. <i>Analyst</i> , 2020, 145, 7088-7102.	1.7	38
4	Silanized Luminescent Quantum Dots for the Simultaneous Multicolor Lateral Flow Immunoassay of Two Mycotoxins. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24575-24584.	4.0	62
5	Development of a sensitive non-competitive immunoassay via immunocomplex binding peptide for the determination of ethyl carbamate in wine samples. <i>Journal of Hazardous Materials</i> , 2021, 406, 124288.	6.5	30
6	Dual near-infrared fluorescence-based lateral flow immunosensor for the detection of zearalenone and deoxynivalenol in maize. <i>Food Chemistry</i> , 2021, 336, 127718.	4.2	48
7	Future of smartphone-based analysis. , 2021, , 417-430.		0
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9	Recent Advances in Mycotoxin Analysis and Detection of Mycotoxigenic Fungi in Grapes and Derived Products. <i>Sustainability</i> , 2021, 13, 2537.	1.6	13
10	Developments in mycotoxin analysis: an update for 2019-2020. <i>World Mycotoxin Journal</i> , 2021, 14, 3-26.	0.8	34
11	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116156.	5.8	38
12	From Smartphone Lateral Flow Immunoassay Screening to Direct MS Analysis: Development and Validation of a Semi-Quantitative Direct Analysis in Real-Time Mass Spectrometric (DART-MS) Approach to the Analysis of Deoxynivalenol. <i>Sensors</i> , 2021, 21, 1861.	2.1	7
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15	Recent Advancements in Enzyme-Based Lateral Flow Immunoassays. <i>Sensors</i> , 2021, 21, 3358.	2.1	39
16	Recent progress in visual methods for aflatoxin detection. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7849-7865.	5.4	10
17	Developmental trend of immunoassays for monitoring hazards in food samples: A review. <i>Trends in Food Science and Technology</i> , 2021, 111, 68-88.	7.8	68
18	AI-Egens enabled ultrasensitive point-of-care test for multiple targets of food safety: Aflatoxin B1 and cyclopiazonic acid as an example. <i>Biosensors and Bioelectronics</i> , 2021, 182, 113188.	5.3	109

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20	Polystyrene Microsphere-Based Immunochromatographic Assay for Detection of Aflatoxin B1 in Maize. <i>Biosensors</i> , 2021, 11, 200.	2.3	8
21	The Existing Methods and Novel Approaches in Mycotoxins™ Detection. <i>Molecules</i> , 2021, 26, 3981.	1.7	34
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24	Ten Years of Lateral Flow Immunoassay Technique Applications: Trends, Challenges and Future Perspectives. <i>Sensors</i> , 2021, 21, 5185.	2.1	182
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