

Multiplex Lateral Flow Immunoassay for Mycotoxin De

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Miniaturized Paper-Based Gene Sensor for Rapid and Sensitive Identification of Contagious Plant Virus. ACS Applied Materials & Interfaces, 2014, 6, 22577-22584.	4.0	31
3	Simultaneous Detection of Ochratoxin A and Fumonisin B1 in Cereal Samples Using an Aptamer-Photonic Crystal Encoded Suspension Array. Analytical Chemistry, 2014, 86, 11797-11802.	3.2	78
4	Low-Cost and Highly Sensitive Immunosensing Platform for Aflatoxins Using One-Step Competitive Displacement Reaction Mode and Portable Glucometer-Based Detection. Analytical Chemistry, 2014, 86, 11451-11458.	3.2	128
5	Nanogold-signalized Lateral-flow Strip for Visual Detection of Lead Ion Based on Cleavage of Metal-ion-induced DNAzyme. Chemistry Letters, 2014, 43, 1643-1644.	0.7	5
6	Nanoparticle-based lateral flow biosensors. Biosensors and Bioelectronics, 2015, 73, 47-63.	5.3	472
7	Effective Detection of Mycotoxins by a Highly Luminescent Metal-Organic Framework. Journal of the American Chemical Society, 2015, 137, 16209-16215.	6.6	350
8	Magnetic-fluorescent-targeting multifunctional aptasensor for highly sensitive and one-step rapid detection of ochratoxin A. Biosensors and Bioelectronics, 2015, 68, 783-790.	5.3	92
9	Application of Nanoparticle Probe-based Lateral Flow Immunochromatographic Assay in Mycotoxins Detection. Chinese Journal of Analytical Chemistry, 2015, 43, 618-628.	0.9	16
10	Detection of aflatoxin B1 with immunochromatographic test strips: Enhanced signal sensitivity using gold nanoflowers. Talanta, 2015, 142, 206-212.	2.9	109
11	Rapid screening of aflatoxin B1 in beer by fluorescence polarization immunoassay. Talanta, 2015, 142, 170-175.	2.9	35
12	Developments in mycotoxin analysis: an update for 2013-2014. World Mycotoxin Journal, 2015, 8, 5-35.	0.8	38
13	Analytical methods for determination of mycotoxins: An update (2009-2014). Analytica Chimica Acta, 2015, 901, 12-33.	2.6	190
14	Designs, formats and applications of lateral flow assay: A literature review. Journal of Saudi Chemical Society, 2015, 19, 689-705.	2.4	545
15	Simultaneous Raising of Rabbit Monoclonal Antibodies to Fluoroquinolones with Diverse Recognition Functionalities via Single Mixture Immunization. Analytical Chemistry, 2016, 88, 1246-1252.	3.2	23
16	Smart material platforms for miniaturized devices: implications in disease models and diagnostics. Lab on A Chip, 2016, 16, 1978-1992.	3.1	26
17	A sensitive and semi-quantitative method for determination of multi-drug residues in animal body fluids using multiplex dipstick immunoassay. Analytica Chimica Acta, 2016, 927, 64-71.	2.6	30
18	Ultrasensitive low-background multiplex mycotoxin chemiluminescence immunoassay by silica-hydrogel photonic crystal microsphere suspension arrays in cereal samples. Sensors and Actuators B: Chemical, 2016, 232, 577-584.	4.0	45
19	An enzyme-free catalytic DNA circuit for amplified detection of aflatoxin B1 using gold nanoparticles as colorimetric indicators. Nanoscale, 2016, 8, 9791-9797.	2.8	88

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20	Paper-based biodetection using luminescent nanoparticles. <i>Analyst, The</i> , 2016, 141, 2838-2860.	1.7	45
21	Size-dependent modulation of graphene oxideâ€‘aptamer interactions for an amplified fluorescence-based detection of aflatoxin B ₁ with a tunable dynamic range. <i>Analyst, The</i> , 2016, 141, 4029-4034.	1.7	73
22	Development and optimization of a multiplex lateral flow immunoassay for the simultaneous determination of three mycotoxins in corn, rice and peanut. <i>Food Chemistry</i> , 2016, 213, 478-484.	4.2	104
23	Two-Color Lateral Flow Assay for Multiplex Detection of Causative Agents Behind Acute Febrile Illnesses. <i>Analytical Chemistry</i> , 2016, 88, 8359-8363.	3.2	78
24	Synthesis of improved upconversion nanoparticles as ultrasensitive fluorescence probe for mycotoxins. <i>Analytica Chimica Acta</i> , 2016, 938, 137-145.	2.6	44
25	Multiplexed Biosensors for Mycotoxins. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 849-860.	0.7	18
26	A dual-readout chemiluminescent-gold lateral flow test for multiplex and ultrasensitive detection of disease biomarkers in real samples. <i>Nanoscale</i> , 2016, 8, 15205-15212.	2.8	93
27	Application of a SERS-based lateral flow immunoassay strip for the rapid and sensitive detection of staphylococcal enterotoxin B. <i>Nanoscale</i> , 2016, 8, 11418-11425.	2.8	235
28	Multiplex surface plasmon resonance biosensing and its transferability towards imaging nanoplasmonics for detection of mycotoxins in barley. <i>Analyst, The</i> , 2016, 141, 1307-1318.	1.7	66
29	Effect of the tip length of multi-branched AuNFs on the detection performance of immunochromatographic assays. <i>Analytical Methods</i> , 2016, 8, 3316-3324.	1.3	36
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31	A gold nanoparticle-based semi-quantitative and quantitative ultrasensitive paper sensor for the detection of twenty mycotoxins. <i>Nanoscale</i> , 2016, 8, 5245-5253.	2.8	160
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33	Development of an immunochromatographic strip for the semi-quantitative and quantitative detection of biotin in milk and milk products. <i>Analytical Methods</i> , 2016, 8, 1595-1601.	1.3	17
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39	Use of Foodomics for Control of Food Processing and Assessing of Food Safety. <i>Advances in Food and Nutrition Research</i> , 2017, 81, 187-229.	1.5	17
40	Graphene oxide and carboxylated graphene oxide: Viable two-dimensional nanolabels for lateral flow immunoassays. <i>Talanta</i> , 2017, 165, 167-175.	2.9	64
41	Latex bead and colloidal gold applied in a multiplex immunochromatographic assay for high-throughput detection of three classes of antibiotic residues in milk. <i>Food Control</i> , 2017, 77, 1-7.	2.8	67
42	A Dual-Color Quantum Dots Encoded Frit-Based Immunoassay for Visual Detection of Aflatoxin M ₁ and Pirlimycin Residues in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1822-1828.	2.4	25
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44	Household Fluorescent Lateral Flow Strip Platform for Sensitive and Quantitative Prognosis of Heart Failure Using Dual-Color Upconversion Nanoparticles. <i>ACS Nano</i> , 2017, 11, 6261-6270.	7.3	262
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48	Comparative study of colloidal gold and quantum dots as labels for multiplex screening tests for multi-mycotoxin detection. <i>Analytica Chimica Acta</i> , 2017, 955, 48-57.	2.6	81
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50	Aptamer fluorescence signal recovery screening for multiplex mycotoxins in cereal samples based on photonic crystal microsphere suspension array. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 351-358.	4.0	52
51	Magnetic microspheres-based cytometric bead array assay for highly sensitive detection of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2017, 94, 420-428.	5.3	29
52	Development of indirect competitive ELISA and lateral-flow immunochromatographic assay strip for the detection of sterigmatocystin in cereal products. <i>Food and Agricultural Immunology</i> , 2017, 28, 260-273.	0.7	46
53	Application of Au based nanomaterials in analytical science. <i>Nano Today</i> , 2017, 12, 64-97.	6.2	68
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55	Inkjet-printed barcodes for a rapid and multiplexed paper-based assay compatible with mobile devices. <i>Lab on A Chip</i> , 2017, 17, 3874-3882.	3.1	44

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57	Multiplex Lateral Flow Immunoassays Based on Amorphous Carbon Nanoparticles for Detecting Three <i>Fusarium</i> Mycotoxins in Maize. Journal of Agricultural and Food Chemistry, 2017, 65, 8063-8071.	2.4	114
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60	Skiving stacked sheets of paper into test paper for rapid and multiplexed assay. Science Advances, 2017, 3, eaao4862.	4.7	71
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65	High Throughput Detection Methods for Multiplex Mycotoxins. Toxicology: Open Access, 2017, 03, .	0.2	2
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81	Time-resolved fluorescent immunochromatographic assay-based on three antibody labels for the simultaneous detection of aflatoxin B ₁ and zearalenone in Chinese herbal medicines. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 2434-2442.	1.1	28
82	Mycotoxin Contamination of Beverages Obtained from Tropical Crops. <i>Beverages</i> , 2018, 4, 83.	1.3	16
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84	A new quality control method for lateral flow assay. <i>Chinese Chemical Letters</i> , 2018, 29, 1853-1856.	4.8	18
85	Highly sensitive detection of high-risk bacterial pathogens using SERS-based lateral flow assay strips. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 72-79.	4.0	124
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103	Three-dimensional ordered macroporous magnetic photonic crystal microspheres for enrichment and detection of mycotoxins (II): The application in liquid chromatography with fluorescence detector for mycotoxins. <i>Journal of Chromatography A</i> , 2019, 1604, 460475.	1.8	18
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105	Thin Films Sensor Devices for Mycotoxins Detection in Foods: Applications and Challenges. <i>Chemosensors</i> , 2019, 7, 3.	1.8	19
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112	Cauliflower-Inspired 3D SERS Substrate for Multiple Mycotoxins Detection. Analytical Chemistry, 2019, 91, 3885-3892.	3.2	200
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128	Alarm lateral flow immunoassay for detection of the total infection caused by the five viruses. Talanta, 2019, 195, 739-744.	2.9	21

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137	Simultaneous Detection of Multiple β -Adrenergic Agonists with 2-Directional Lateral Flow Strip Platform. <i>Analytical Sciences</i> , 2020, 36, 653-657.	0.8	9
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143	Recent Advances in Aflatoxins Detection Based on Nanomaterials. <i>Nanomaterials</i> , 2020, 10, 1626.	1.9	23
144	An Impedance Based Electrochemical Immunosensor for Aflatoxin B1 Monitoring in Pistachio Matrices. <i>Chemosensors</i> , 2020, 8, 121.	1.8	15
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148	Nanoparticle-based lateral flow assays. <i>Comprehensive Analytical Chemistry</i> , 2020, 89, 313-359.	0.7	5
149	Quantum dot nanobead-based fluorescent immunochromatographic assay for simultaneous quantitative detection of fumonisin B1, deoxynivalenol, and zearalenone in grains. <i>Food Control</i> , 2020, 117, 107331.	2.8	45
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151	Gold nanostars-enhanced Raman fingerprint strip for rapid detection of trace tetracycline in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118146.	2.0	16
152	Challenges and perspectives in the development of paper-based lateral flow assays. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	1.0	63
153	One-step rapid detection of fumonisin B1, deoxynivalenol and zearalenone in grains. <i>Food Control</i> , 2020, 117, 107107.	2.8	54
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