Alexandr E Urusov

List of Publications by Year
in descending order

24	944	567281 15	580821 25
papers	citations	h-index	g-index

25	25	25	1186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunochromatographic methods in food analysis. TrAC - Trends in Analytical Chemistry, 2014, 55, 81-93.	11.4	287
2	Towards Lateral Flow Quantitative Assays: Detection Approaches. Biosensors, 2019, 9, 89.	4.7	133
3	Rapid Immunoenzyme Assay of Aflatoxin B1 Using Magnetic Nanoparticles. Sensors, 2014, 14, 21843-21857.	3.8	57
4	Rapid Multiple Immunoenzyme Assay of Mycotoxins. Toxins, 2015, 7, 238-254.	3.4	55
5	"Multistage in one touch" design with a universal labelling conjugate for high-sensitive lateral flow immunoassays. Biosensors and Bioelectronics, 2016, 86, 575-579.	10.1	49
6	Bifunctional gold nanoparticles as an agglomeration-enhancing tool for highly sensitive lateral flow tests: a case study with procalcitonin. Mikrochimica Acta, 2017, 184, 4189-4195.	5.0	47
7	Immunochemical methods of mycotoxin analysis (review). Applied Biochemistry and Microbiology, 2010, 46, 253-266.	0.9	33
8	Gold nanoparticles of different shape for bicolor lateral flow test. Analytical Biochemistry, 2019, 568, 7-13.	2.4	33
9	Immunochromatographic assay for the detection of ochratoxin A. Journal of Analytical Chemistry, 2011, 66, 770-776.	0.9	32
10	Direct immunosensing by spectral correlation interferometry: assay characteristics versus antibody immobilization chemistry. Analytical and Bioanalytical Chemistry, 2015, 407, 3955-3964.	3.7	31
11	Application of gold nanoparticles produced by laser ablation for immunochromatographic assay labeling. Analytical Biochemistry, 2015, 491, 65-71.	2.4	27
12	A new kind of highly sensitive competitive lateral flow immunoassay displaying direct analyte-signal dependence. Application to the determination of the mycotoxin deoxynivalenol. Mikrochimica Acta, 2018, 185, 29.	5.0	26
13	Application of Magnetic Nanoparticles in Immunoassay. Nanotechnologies in Russia, 2017, 12, 471-479.	0.7	23
14	High-sensitivity immunochromatographic assay for fumonisin B1 based on indirect antibody labeling. Biotechnology Letters, 2017, 39, 751-758.	2.2	21
15	â€œExternalâ€•antibodies as the simplest tool for sensitive immunochromatographic tests. Talanta, 2017, 175, 77-81.	5.5	21
16	Application of magnetite nanoparticles for the development of highly sensitive immunochromatographic test systems for mycotoxin detection. Applied Biochemistry and Microbiology, 2017, 53, 470-475.	0.9	13
17	Magnetic ELISA of aflatoxin B1 â€“ pre-concentration without elution. Analytical Methods, 2015, 7, 10177-10184.	2.7	10
18	Multiplex highly sensitive immunochromatographic assay based on the use of nonprocessed antisera. Analytical and Bioanalytical Chemistry, 2018, 410, 1903-1910.	3.7	10

#	Article	IF	Citations
19	Highly sensitive lateral flow test with indirect labelling for zearalenone in baby food. Food and Agricultural Immunology, 2020, 31, 653-666.	1.4	9
20	Immunochromatographic test system for the detection of T-2 toxin. Applied Biochemistry and Microbiology, 2015, 51, 688-694.	0.9	8
21	Indirect Labeling of Antibodies as a Universal Approach to Increase Sensitivity of Lateral Flow Tests: A Case Study for Mycotoxins Detection. Open Biotechnology Journal, 2019, 13, 113-121.	1.2	7
22	Immunochromatographic assay of T-2 toxin using labeled anti-species antibodies. Applied Biochemistry and Microbiology, 2017, 53, 594-599.	0.9	5
23	Immunochromatographic Test Systems using Anti-Species Antibodiesâ€“Colloidal Gold Conjugate: Their Features and Benefits on the Example of Ochratoxin A Detection. Moscow University Chemistry Bulletin, 2018, 73, 63-68.	0.6	4
24	Comparative study of strategies for antibody immobilization onto the surface of magnetic particles in pseudo-homogeneous enzyme immunoassay of aflatoxin B1. Moscow University Chemistry Bulletin, 2016, 71, 48-53.	0.6	1