

Alexandr E Urusov

List of Publications by Year in descending order

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24
papers

944
citations

567281

15
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580821

25
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25
all docs

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docs citations

25
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive lateral flow test with indirect labelling for zearalenone in baby food. <i>Food and Agricultural Immunology</i> , 2020, 31, 653-666.	1.4	9
2	Towards Lateral Flow Quantitative Assays: Detection Approaches. <i>Biosensors</i> , 2019, 9, 89.	4.7	133
3	Gold nanoparticles of different shape for bicolour lateral flow test. <i>Analytical Biochemistry</i> , 2019, 568, 7-13.	2.4	33
4	Indirect Labeling of Antibodies as a Universal Approach to Increase Sensitivity of Lateral Flow Tests: A Case Study for Mycotoxins Detection. <i>Open Biotechnology Journal</i> , 2019, 13, 113-121.	1.2	7
5	A new kind of highly sensitive competitive lateral flow immunoassay displaying direct analyte-signal dependence. Application to the determination of the mycotoxin deoxynivalenol. <i>Mikrochimica Acta</i> , 2018, 185, 29.	5.0	26
6	Multiplex highly sensitive immunochromatographic assay based on the use of nonprocessed antisera. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1903-1910.	3.7	10
7	Immunochromatographic Test Systems using Anti-Species Antibodiesâ€œColloidal Gold Conjugate: Their Features and Benefits on the Example of Ochratoxin A Detection. <i>Moscow University Chemistry Bulletin</i> , 2018, 73, 63-68.	0.6	4
8	High-sensitivity immunochromatographic assay for fumonisin B1 based on indirect antibody labeling. <i>Biotechnology Letters</i> , 2017, 39, 751-758.	2.2	21
9	Immunochromatographic assay of T-2 toxin using labeled anti-species antibodies. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 594-599.	0.9	5
10	â€œExternalâ€ antibodies as the simplest tool for sensitive immunochromatographic tests. <i>Talanta</i> , 2017, 175, 77-81.	5.5	21
11	Application of magnetite nanoparticles for the development of highly sensitive immunochromatographic test systems for mycotoxin detection. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 470-475.	0.9	13
12	Bifunctional gold nanoparticles as an agglomeration-enhancing tool for highly sensitive lateral flow tests: a case study with procalcitonin. <i>Mikrochimica Acta</i> , 2017, 184, 4189-4195.	5.0	47
13	Application of Magnetic Nanoparticles in Immunoassay. <i>Nanotechnologies in Russia</i> , 2017, 12, 471-479.	0.7	23
14	"Multistage in one touch" design with a universal labelling conjugate for high-sensitive lateral flow immunoassays. <i>Biosensors and Bioelectronics</i> , 2016, 86, 575-579.	10.1	49
15	Comparative study of strategies for antibody immobilization onto the surface of magnetic particles in pseudo-homogeneous enzyme immunoassay of aflatoxin B1. <i>Moscow University Chemistry Bulletin</i> , 2016, 71, 48-53.	0.6	1
16	Rapid Multiple Immunoenzyme Assay of Mycotoxins. <i>Toxins</i> , 2015, 7, 238-254.	3.4	55
17	Direct immunosensing by spectral correlation interferometry: assay characteristics versus antibody immobilization chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3955-3964.	3.7	31
18	Application of gold nanoparticles produced by laser ablation for immunochromatographic assay labeling. <i>Analytical Biochemistry</i> , 2015, 491, 65-71.	2.4	27

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19	Immunochemical test system for the detection of T-2 toxin. Applied Biochemistry and Microbiology, 2015, 51, 688-694.	0.9	8
20	Magnetic ELISA of aflatoxin B1 " pre-concentration without elution. Analytical Methods, 2015, 7, 10177-10184.	2.7	10
21	Rapid Immunoenzyme Assay of Aflatoxin B1 Using Magnetic Nanoparticles. Sensors, 2014, 14, 21843-21857.	3.8	57
22	Immunochemical methods in food analysis. TrAC - Trends in Analytical Chemistry, 2014, 55, 81-93.	11.4	287
23	Immunochemical assay for the detection of ochratoxin A. Journal of Analytical Chemistry, 2011, 66, 770-776.	0.9	32
24	Immunochemical methods of mycotoxin analysis (review). Applied Biochemistry and Microbiology, 2010, 46, 253-266.	0.9	33