

Sergei A Eremin

List of Publications by Year in descending order

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161
papers

4,771
citations

109137

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161
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times ranked

3709
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#	ARTICLE	IF	CITATIONS
1	Microfluidic Enzyme Immunoassay Using Silicon Microchip with Immobilized Antibodies and Chemiluminescence Detection. <i>Analytical Chemistry</i> , 2002, 74, 2994-3004.	3.2	314
2	Fluorescence polarization immunoassays and related methods for simple, high-throughput screening of small molecules. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1499-1507.	1.9	220
3	Direct competitive ELISA based on a monoclonal antibody for detection of aflatoxin B1. Stabilization of ELISA kit components and application to grain samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 286-294.	1.9	200
4	Detection of aflatoxin M1 in milk products from China by ELISA using monoclonal antibodies. <i>Food Control</i> , 2009, 20, 1080-1085.	2.8	142
5	Ultrasensitive electrochemical immuno-sensing platform based on gold nanoparticles triggering chlorpyrifos detection in fruits and vegetables. <i>Biosensors and Bioelectronics</i> , 2018, 105, 14-21.	5.3	122
6	One-step green approach to synthesize highly fluorescent carbon quantum dots from banana juice for selective detection of copper ions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103720.	3.3	114
7	Fluorescence polarization assays for chemical contaminants in food and environmental analyses. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 293-313.	5.8	91
8	A simple, rapid and high-throughput fluorescence polarization immunoassay for simultaneous detection of organophosphorus pesticides in vegetable and environmental water samples. <i>Analytica Chimica Acta</i> , 2011, 708, 123-129.	2.6	89
9	Detection of kanamycin and gentamicin residues in animal-derived food using IgY antibody based ic-ELISA and FPIA. <i>Food Chemistry</i> , 2017, 227, 48-54.	4.2	86
10	Fluorescence Polarization Immunoassay Based on a New Monoclonal Antibody for the Detection of the Zearalenone Class of Mycotoxins in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2240-2247.	2.4	83
11	Immuno-chromatography Using Colloidal Gold-antibody Probe for the Detection of Atrazine in Water Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9728-9734.	2.4	75
12	Development of a Chemiluminescent ELISA for Determining Chloramphenicol in Chicken Muscle. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5718-5722.	2.4	73
13	Fluorescence polarization immunoassay based on a monoclonal antibody for the detection of ochratoxin A. <i>International Journal of Food Science and Technology</i> , 2004, 39, 829-837.	1.3	72
14	Fluorescence polarization immunoassay for rapid screening of ochratoxin A in red wine. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1317-1323.	1.9	72
15	Comparative study of three immunoassays based on monoclonal antibodies for detection of the pesticide parathion-methyl in real samples. <i>Analytica Chimica Acta</i> , 2004, 511, 323-331.	2.6	68
16	Simultaneous Determination of Multiple (Fluoro)quinolone Antibiotics in Food Samples by a One-Step Fluorescence Polarization Immunoassay. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9347-9355.	2.4	67
17	Rapid immunochromatographic assay for ofloxacin in animal original foodstuffs using native antisera labeled by colloidal gold. <i>Talanta</i> , 2014, 119, 125-132.	2.9	67
18	Development of a fluorescence polarization immunoassay for the detection of melamine in milk and milk powder. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2275-2284.	1.9	64

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19	Simultaneous non-instrumental detection of aflatoxin B1 and ochratoxin A using a clean-up tandem immunoassay column. <i>Analytica Chimica Acta</i> , 2007, 590, 118-124.	2.6	58
20	Development of chemiluminescent ELISAs to DDT and its metabolites in food and environmental samples. <i>Journal of Immunological Methods</i> , 2003, 283, 45-57.	0.6	57
21	Monoclonal Antibody-Based Fluorescence Polarization Immunoassay for Sulfamethoxypyridazine and Sulfachloropyridazine. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6871-6878.	2.4	56
22	Development of anti-zearalenone monoclonal antibody and detection of zearalenone in corn products from China by ELISA. <i>Food Control</i> , 2013, 31, 65-70.	2.8	53
23	Broad-Specificity Immunoassay for Simultaneous Detection of Ochratoxins A, B, and C in Millet and Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4830-4838.	2.4	51
24	Development of fluorescence polarization immunoassays for parallel detection of pesticides carbaryl and triazophos in wheat grains. <i>Analytical Methods</i> , 2017, 9, 6814-6822.	1.3	51
25	High sample throughput flow immunoassay utilising restricted access columns for the separation of bound and free label. <i>Journal of Chromatography A</i> , 1998, 800, 219-230.	1.8	49
26	Development of a heterogeneous chemiluminescent flow immunoassay for DDT and related compounds. <i>Analytica Chimica Acta</i> , 2002, 453, 43-52.	2.6	49
27	A gold nanoparticle-single-chain fragment variable antibody as an immunoprobe for rapid detection of morphine by dipstick. <i>RSC Advances</i> , 2018, 8, 1511-1518.	1.7	46
28	A highly specific and sensitive fluorescence polarization immunoassay for the rapid detection of triazophos residue in agricultural products. <i>Analytical Methods</i> , 2016, 8, 6636-6644.	1.3	45
29	Fluorescence Polarization-Based Bioassays: New Horizons. <i>Sensors</i> , 2020, 20, 7132.	2.1	43
30	Fabrication of label-free and ultrasensitive electrochemical immunosensor based on molybdenum disulfide nanoparticles modified disposable ITO: An analytical platform for antibiotic detection in food samples. <i>Food Chemistry</i> , 2021, 363, 130245.	4.2	43
31	Chemiluminescence Resonance Energy Transfer Competitive Immunoassay Employing Hapten-Functionalized Quantum Dots for the Detection of Sulfamethazine. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17745-17750.	4.0	42
32	Quantitative Analysis of 2,4-Dichlorophenoxyacetic Acid in Water Samples by Two Immunosensing Methods. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 343-350.	2.4	41
33	Use of anchor protein modules in fluorescence polarisation aptamer assay for ochratoxin A determination. <i>Analytica Chimica Acta</i> , 2017, 962, 80-87.	2.6	39
34	Fluorescence Polarization Immunoassays for Pesticides. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2003, 6, 257-266.	0.6	38
35	Rapid all-in-one three-step immunoassay for non-instrumental detection of ochratoxin A in high-coloured herbs and spices. <i>Talanta</i> , 2007, 72, 1230-1234.	2.9	37
36	Determination of sodium benzoate in food products by fluorescence polarization immunoassay. <i>Talanta</i> , 2014, 121, 136-143.	2.9	37

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37	Enhanced Rapidity for Qualitative Detection of <i>Listeria monocytogenes</i> Using an Enzyme-Linked Immunosorbent Assay and Immunochromatography Strip Test Combined with Immunomagnetic Bead Separation. <i>Journal of Food Protection</i> , 2008, 71, 781-789.	0.8	36
38	Production of antibodies and development of enzyme-linked immunosorbent assays for the herbicide butachlor. <i>Analytica Chimica Acta</i> , 2003, 491, 1-13.	2.6	35
39	Flow injection enzyme immunoassay of atrazine herbicide in water. <i>Analytica Chimica Acta</i> , 1997, 347, 111-120.	2.6	34
40	Indirect Competitive Immunoassay for Detection of Vitamin B ₂ in Foods and Pharmaceuticals. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7048-7054.	2.4	34
41	Determination of fluoroquinolone antibiotics through the fluorescent response of Eu(III) based nanoparticles fabricated by layer-by-layer technique. <i>Analytica Chimica Acta</i> , 2013, 784, 65-71.	2.6	32
42	Development of a surface plasmon resonance immunosensor and ELISA for 3-nitrotyrosine in human urine. <i>Talanta</i> , 2019, 195, 655-661.	2.9	32
43	Development of an enzyme-linked immunosorbent assay specific to Sudan red I. <i>Analytical Biochemistry</i> , 2010, 405, 41-49.	1.1	31
44	Quantification of 2,4-dichlorophenoxyacetic acid in oranges and mandarins by chemiluminescent ELISA. <i>Food Chemistry</i> , 2013, 141, 865-868.	4.2	31
45	Chemiluminescence Immunoassay for S-Adenosylhomocysteine Detection and Its Application in DNA Methyltransferase Activity Evaluation and Inhibitors Screening. <i>Analytical Chemistry</i> , 2016, 88, 8556-8561.	3.2	31
46	Development of a Highly Specific Fluorescence Immunoassay for Detection of Diisobutyl Phthalate in Edible Oil Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9372-9378.	2.4	30
47	Use of Lysine Fluorescence Derivatives as Tracers To Enhance the Performance of Polarization Fluoroimmunoassays. A Study Using Two Herbicides as Model Antigens. <i>Analytical Chemistry</i> , 2002, 74, 2513-2521.	3.2	29
48	Fluorescence polarisation immunoassay based on a monoclonal antibody for the detection of sulphamethazine in chicken muscle. <i>International Journal of Food Science and Technology</i> , 2007, 42, 36-44.	1.3	29
49	A fluorescence polarization immunoassay method for detection of the bisphenol A residue in environmental water samples based on a monoclonal antibody and 4- β -(aminomethyl)fluorescein. <i>Analytical Methods</i> , 2015, 7, 4246-4251.	1.3	29
50	Fluorescence polarisation immunoassays for strobilurin fungicides kresoxim-methyl, trifloxystrobin and picoxystrobin. <i>Talanta</i> , 2017, 162, 495-504.	2.9	29
51	Development of Polarization Fluoroimmunoassay for the Detection of s-Triazine Herbicides. <i>Analytical Letters</i> , 1994, 27, 3013-3025.	1.0	27
52	Analysis of Toxigenic <i>Fusarium</i> Species Associated with Wheat Grain from Three Regions of Russia: Volga, Ural, and West Siberia. <i>Toxins</i> , 2019, 11, 252.	1.5	27
53	A new way in homogeneous immunoassay: Reversed micellar systems as a medium for analysis. <i>Analytical Biochemistry</i> , 1989, 181, 145-148.	1.1	26
54	Development and optimization of a fluorescence polarization immunoassay for orbifloxacin in milk. <i>Analytical Methods</i> , 2014, 6, 3849-3857.	1.3	26

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55	A copper nanoparticle-based electrochemical immunosensor for carbaryl detection. <i>Talanta</i> , 2021, 228, 122174.	2.9	26
56	The development of a fluorescence polarization immunoassay for aflatoxin detection. <i>Biomedical and Environmental Sciences</i> , 2014, 27, 126-9.	0.2	26
57	Determination of Amaranth in Beverage by Indirect Competitive Enzyme-linked Immunosorbent Assay (ELISA) Based on Anti-amaranth Monoclonal Antibody. <i>Food Analytical Methods</i> , 2014, 7, 1498-1505.	1.3	25
58	Affinity biosensors based on disposable screen-printed electrodes modified with DNA. <i>Analytica Chimica Acta</i> , 2003, 479, 125-134.	2.6	24
59	Fluorescent polarization immunoassay for sulphadiazine using a high specificity antibody. <i>International Journal of Food Science and Technology</i> , 2004, 39, 879-889.	1.3	24
60	Investigation of several parameters influencing signal generation in flow-through membrane-based enzyme immunoassay. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1095-1104.	1.9	23
61	Quantification of Imidacloprid in Honeybees: Development of a Chemiluminescent ELISA. <i>Analytical Letters</i> , 2010, 43, 466-475.	1.0	23
62	Fluorescence polarization immunoassay based on a new monoclonal antibody for the detection of the Diisobutyl phthalate in Yoghurt. <i>Food Control</i> , 2019, 105, 38-44.	2.8	23
63	Development of Single Reagent for Fluorescence Polarization Immunoassay of Atrazine. <i>Food and Agricultural Immunology</i> , 2002, 14, 107-120.	0.7	22
64	Quantification of Thiram in Honeybees: Development of a Chemiluminescent ELISA. <i>Analytical Letters</i> , 2008, 41, 46-55.	1.0	22
65	Express detection of nonylphenol in water samples by fluorescence polarization immunoassay. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 634-641.	1.9	21
66	Immunoenzyme assay of nonylphenol: study of selectivity and detection of alkylphenolic non-ionic surfactants in water samples. <i>Talanta</i> , 2005, 65, 367-374.	2.9	21
67	Simultaneous determination of sulphamerazine, sulphamethazine and sulphadiazine in honey and chicken muscle by a new monoclonal antibody-based fluorescence polarisation immunoassay. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 574-582.	1.1	21
68	Heterologous strategy enhancing the sensitivity of the fluorescence polarization immunoassay of clinafloxacin in goat milk. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1341-1346.	1.7	21
69	High-sensitivity immunochromatographic assay for fumonisin B1 based on indirect antibody labeling. <i>Biotechnology Letters</i> , 2017, 39, 751-758.	1.1	21
70	Development of ELISA and chemiluminescence enzyme immunoassay for quantification of histamine in drug products and food samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4739-4747.	1.9	21
71	Fluorescence polarization immunoassay for the determination of diclofenac in wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 999-1007.	1.9	21
72	Polarization Fluoroimmunoassay for Rapid, Specific Detection of Pesticides. <i>ACS Symposium Series</i> , 1995, , 223-234.	0.5	20

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73	Use of Stopped-flow Fluoroimmunoassay in Pesticide Determination. <i>Analyst, The</i> , 1997, 122, 863-866.	1.7	20
74	Preliminary Screening Method for Dioxin Contamination Using Polarization Fluoroimmunoassay for Chlorinated Phenoxyacid Pesticides. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 585-595.	1.8	20
75	Gel-based immunoassay for non-instrumental detection of pyrene in water samples. <i>Talanta</i> , 2008, 75, 517-522.	2.9	20
76	Development of Fluorescence Polarization Immunoassay for the Rapid Detection of 6-Chloronicotinic Acid: Main Metabolite of Neonicotinoid Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 791-796.	2.4	20
77	Evaluation and Optimization of Three Different Immunoassays for Rapid Detection Zearalenone in Fodders. <i>Food Analytical Methods</i> , 2017, 10, 256-262.	1.3	20
78	Production of Antibodies and Development of Specific Polarization Fluoroimmunoassay for Acetochlor. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 851-863.	1.8	19
79	Development of fluorescence polarisation immunoassay for carbofuran in food and environmental water samples. <i>Food and Agricultural Immunology</i> , 2015, 26, 340-355.	0.7	19
80	Measurement of (Aptamer-“Small Target) <i>K</i>_D Using the Competition between Fluorescently Labeled and Unlabeled Targets and the Detection of Fluorescence Anisotropy. <i>Analytical Chemistry</i> , 2018, 90, 9189-9198.	3.2	19
81	Platinum nanoflowers with peroxidase-like property in a dual immunoassay for dehydroepiandrosterone. <i>Mikrochimica Acta</i> , 2020, 187, 592.	2.5	19
82	Hapten Design and Development of Polarization Fluoroimmunoassay for Nonylphenol. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 597-607.	1.8	18
83	Development of a polarization fluoroimmunoassay for sulfamethazine using an automated analyser. <i>Analyst, The</i> , 1994, 119, 2723.	1.7	17
84	Flow-Injection Analysis of Chlorophenoxyacid Herbicides using Photochemically Induced Fluorescence Detection^a. <i>Analytical Letters</i> , 1996, 29, 1447-1461.	1.0	17
85	Development of a Fluorescence Polarization Immunoassay for Polycyclic Aromatic Hydrocarbons. <i>Analytical Letters</i> , 2007, 40, 1445-1460.	1.0	17
86	Fluorescence Polarization Immunoassay for Highly Efficient Detection of Imidaclothiz in Agricultural Samples. <i>Food Analytical Methods</i> , 2016, 9, 2471-2478.	1.3	17
87	Fluorescence Polarization Immunoassay of Progesterone.. <i>Biological and Pharmaceutical Bulletin</i> , 1997, 20, 309-314.	0.6	16
88	Enzyme flow immunoassay using a Protein G column for the screening of triazine herbicides in surface and waste water. <i>Analytica Chimica Acta</i> , 2001, 426, 197-207.	2.6	16
89	Optimisation and validation of a fluorescence polarisation immunoassay for rapid detection of zearalenone in corn. <i>International Journal of Food Science and Technology</i> , 2011, 46, 2173-2181.	1.3	16
90	Design of a sensitive fluorescent polarization immunoassay for rapid screening of milk for cephalixin. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8525-8532.	1.9	16

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91	Quantification of Diethyl Phthalate by a Rapid and Homogenous Fluorescence Polarization Immunoassay. <i>Analytical Letters</i> , 2015, 48, 2843-2855.	1.0	16
92	Fluorescence Polarization Immunoassay for <i>Alternaria</i> Mycotoxin Tenuazonic Acid Detection and Molecular Modeling Studies of Antibody Recognition. <i>Food Analytical Methods</i> , 2018, 11, 2455-2462.	1.3	16
93	Development of a latex particles-based lateral flow immunoassay for group determination of macrolide antibiotics in breast milk. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113450.	1.4	16
94	Prussian blue nanoparticles with peroxidase-mimicking properties in a dual immunoassays for glycocholic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 187, 113317.	1.4	16
95	Preparation of antibodies and development of enzyme-linked immunosorbent assay for nonylphenol. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 965-978.	1.8	15
96	Heterogeneous Thermal-Lens Immunoassay for Small Organic Compounds: Determination of 4-Aminophenol. <i>Applied Spectroscopy</i> , 2010, 64, 942-948.	1.2	15
97	Fluorescence polarization as a tool for the detection of a widely used herbicide, butachlor, in polluted waters. <i>Analytical Methods</i> , 2011, 3, 2334.	1.3	15
98	Development of indirect competitive enzyme-linked immunoassay of colistin for milk and egg analysis. <i>Food and Agricultural Immunology</i> , 2020, 31, 424-434.	0.7	15
99	Urinary cotinine fluoroimmunoassay for smoking status screening adapted to an automated analyser. <i>Analyst, The</i> , 1992, 117, 697.	1.7	14
100	Immunochemical methods for the assays of herbicides of the 1,3,5-triazine group. <i>Russian Chemical Reviews</i> , 1994, 63, 611-622.	2.5	14
101	A new visual enzyme immunoassay of methamphetamine using linear water-soluble polyelectrolytes. <i>Immunology Letters</i> , 1994, 41, 205-211.	1.1	14
102	Development of the Piezoelectric Biosensor for Acetochlor Detection. <i>Analytical Letters</i> , 2003, 36, 2443-2457.	1.0	14
103	Determination of the veterinary drug maduramicin in food by fluorescence polarisation immunoassay. <i>International Journal of Food Science and Technology</i> , 2008, 43, 114-122.	1.3	14
104	Fluorescence polarization immunoassays for carbamazepine – comparison of tracers and formats. <i>Analytical Methods</i> , 2015, 7, 5854-5861.	1.3	14
105	Fluorescence polarization immunoassay using IgY antibodies for detection of valnemulin in swine tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7843-7848.	1.9	14
106	Stereospecific recognition and quantitative structure–activity relationship between antibodies and enantiomers: ofloxacin as a model hapten. <i>Analyst, The</i> , 2015, 140, 1037-1045.	1.7	14
107	Fluorescence polarization immunoassay of colchicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 326-330.	1.4	14
108	Localization of the Epitope in Methamphetamine and Its Antibody Use for the Detection of Methamphetamine and Benzphetamine by Polarization Fluoroimmunoassay. <i>Journal of Immunoassay</i> , 1995, 16, 263-278.	0.3	13

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109	Synthesis of olaquinox metabolite, methyl-3-quinoxaline-2-carboxylic acid for development of an immunoassay. <i>Food and Agricultural Immunology</i> , 2009, 20, 173-183.	0.7	13
110	Highly Simple and Sensitive Molecular Amplification-Integrated Fluorescence Anisotropy for Rapid and On-Site Identification of Adulterated Beef. <i>Analytical Chemistry</i> , 2018, 90, 7171-7175.	3.2	13
111	A sensitive chemiluminescent immunoassay to detect Chromotrope FB (Chr FB) in foods. <i>Talanta</i> , 2017, 164, 341-347.	2.9	12
112	Development of a Homologous Fluorescence Polarization Immunoassay for Diisobutyl Phthalate in Romaine Lettuce. <i>Food Analytical Methods</i> , 2017, 10, 449-458.	1.3	12
113	Development of a simple, rapid and high-throughput fluorescence polarization immunoassay for glycocholic acid in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 431-437.	1.4	12
114	Immunochemical approaches for detection of aflatoxin B1 in herbal medicines. <i>Phytochemical Analysis</i> , 2020, 31, 662-669.	1.2	12
115	Changing Cross-Reactivity for Different Immunoassays Using the Same Antibodies: Theoretical Description and Experimental Confirmation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6581.	1.3	12
116	Development of a Polarization Fluoroimmunoassay for the Herbicide Metsulfuron-Methyl. <i>Food and Agricultural Immunology</i> , 2002, 14, 217-229.	0.7	11
117	Monoclonal Antibody-Based Fluorescence Polarization Immunoassay for High Throughput Screening of Furalfadone and its Metabolite AMOZ in Animal Feeds and Tissues. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 494-502.	0.6	11
118	A validated chemiluminescence immunoassay for methotrexate (MTX) and its application in a pharmacokinetic study. <i>Analytical Methods</i> , 2016, 8, 162-170.	1.3	11
119	Fluorescence polarization immunoassay for rapid screening of the pesticides thiabendazole and tetraconazole in wheat. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6923-6934.	1.9	11
120	Development of Competitive ELISA and CLEIA for Quantitative Analysis of Polymyxin B. <i>Food Analytical Methods</i> , 2019, 12, 1412-1419.	1.3	11
121	DEVELOPMENT OF A POLARIZATION FLUOROIMMUNOASSAY FOR LINEAR ALKYL BENZENESULFONATES (LAS). <i>Analytical Letters</i> , 2002, 35, 2279-2294.	1.0	10
122	High Throughput Determination of BTEX by a One-Step Fluorescence Polarization Immunoassay. <i>Environmental Chemistry</i> , 2005, 2, 227.	0.7	10
123	A sensitive competitive enzyme immunoassay for detection of erythrosine in foodstuffs. <i>Food Control</i> , 2015, 47, 472-477.	2.8	10
124	Rapid and homologous immunoassay for the detection of herbicide propisochlor in water. <i>Food and Agricultural Immunology</i> , 2018, 29, 67-83.	0.7	10
125	A Magnetic Particle-Based Competitive Enzyme Immunoassay for Rapid Determination of Ciprofloxacin: A Potential Method for the General Detection of Fluoroquinolones. <i>Analytical Letters</i> , 2014, 47, 1134-1146.	1.0	9
126	A sensitive chemiluminescent immunoassay for point-of-care testing of repaglinide in natural dietary supplements and serum. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1973-1980.	1.9	9

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127	Ciprofloxacin and Clinafloxacin Antibodies for an Immunoassay of Quinolones: Quantitative Structure-Activity Analysis of Cross-Reactivities. <i>International Journal of Molecular Sciences</i> , 2019, 20, 265.	1.8	9
128	Synthesis of ω -(4-hydroxyphenyl)alkanecarboxylic acids. <i>Mendeleev Communications</i> , 2000, 10, 193-194.	0.6	8
129	Monoclonal antibody-based homogeneous immunoassay for three banned agonists and molecular modeling insight. <i>Food and Agricultural Immunology</i> , 2017, 28, 1438-1449.	0.7	8
130	Development of Fluorescence Polarization Immunoassay for Imidacloprid in Environmental and Agricultural Samples. <i>Frontiers in Chemistry</i> , 2020, 8, 615594.	1.8	8
131	Fluorescence polarization immunoassay for rapid determination of dehydroepiandrosterone in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4459-4469.	1.9	8
132	Detection of ephedrine and phenylpropanolamine in urine using a polarization fluoroimmunoassay. <i>Analyst</i> , The, 1993, 118, 1325.	1.7	7
133	A flow immunoassay for studies of human exposure and toxicity in biological samples. , 1998, 11, 182-184.		7
134	Kinetic Determination of 2,4-Dichlorophenoxyacetic Acid by Stopped-Flow Fluorescence Polarization Immunoassay. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 71, 137-146.	1.8	7
135	Probing the stereoselective interaction of ofloxacin enantiomers with corresponding monoclonal antibodies by multiple spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 194, 83-91.	2.0	7
136	Specific and Generic Immunorecognition of Glycopeptide Antibiotics Promoted by Unique and Multiple Orientations of Hapten. <i>Biosensors</i> , 2019, 9, 52.	2.3	7
137	Water-Soluble Carbon Quantum Dots Modified by Amino Groups for Polarization Fluorescence Detection of Copper (II) Ion in Aqueous Media. <i>Processes</i> , 2020, 8, 1573.	1.3	7
138	Competitive and noncompetitive fluorescence polarization immunoassays for the detection of benzothiostrobin using FITC-labeled dendrimer-like peptides. <i>Food Chemistry</i> , 2021, 360, 130020.	4.2	7
139	Chemiluminescent ELISA for the BTEX Determination in Water and Soil. <i>Analytical Sciences</i> , 2010, 26, 773-777.	0.8	6
140	Determination methods of organic compounds in air. <i>Russian Chemical Reviews</i> , 2010, 79, 531-542.	2.5	6
141	A camelid VHH-based fluorescence polarization immunoassay for the detection of tetrabromobisphenol A in water. <i>Analytical Methods</i> , 2016, 8, 7265-7271.	1.3	6
142	Establishment of Enhanced Chemiluminescent Immunoassay Formats for Stanozolol Detection in animal-derived foodstuffs and Other Matrices. <i>Food Analytical Methods</i> , 2016, 9, 1284-1292.	1.3	6
143	Antibody Developments and Immunoassays for Organophosphorus Chemicals: A Review. <i>Current Organic Chemistry</i> , 2018, 21, .	0.9	6
144	Three steps improving the sensitivity of sulfonamide immunodetection in milk. <i>Analytical Methods</i> , 2018, 10, 5773-5782.	1.3	5

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145	Lateral Flow Immunosensor for Ferritin Based on Dual Signal-Amplified Strategy by Rhodium Nanoparticles. <i>ACS Applied Bio Materials</i> , 2020, 3, 8849-8856.	2.3	5
146	Enhanced performance of a surface plasmon resonance-based immunosensor for the detection of glycocholic acid. <i>Analytical Methods</i> , 2021, 13, 1919-1924.	1.3	5
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