

M-Pilar Marco

List of Publications by Year in descending order

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209
papers

7,796
citations

41344

49
h-index

69250

77
g-index

213
all docs

213
docs citations

213
times ranked

7977
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Quantitative Immunochemical Analysis of Autoinducer Peptide IV for Diagnosing and Stratifying <i>Staphylococcus aureus</i> Infections. ACS Infectious Diseases, 2022, 8, 645-656.	3.8	0
2	Development of a Fluorescent Microfluidic Device Based on Antibody Microarray Read-Out for Therapeutic Drug Monitoring of Acenocoumarol. Frontiers in Bioengineering and Biotechnology, 2022, 10, 848501.	4.1	1
3	Bacteria Detection at a Single-Cell Level through a Cyanotype-Based Photochemical Reaction. Analytical Chemistry, 2022, 94, 787-792.	6.5	5
4	Compact Microfluidic Platform with LED Light-Actuated Valves for Enzyme-Linked Immunosorbent Assay Automation. Biosensors, 2022, 12, 280.	4.7	0
5	Portable flow multiplexing device for continuous, in situ biodetection of environmental contaminants. Sensing and Bio-Sensing Research, 2022, 37, 100505.	4.2	0
6	Smartphone-based magneto-immunosensor on carbon black modified screen-printed electrodes for point-of-need detection of aflatoxin B1 in cereals. Analytica Chimica Acta, 2022, 1221, 340118.	5.4	20
7	Kynurenic Acid Electrochemical Immunosensor: Blood-Based Diagnosis of Alzheimer's Disease. Biosensors, 2021, 11, 20.	4.7	12
8	An Immunochemical Approach to Quantify and Assess the Potential Value of the Pseudomonas Quinolone Signal as a Biomarker of Infection. Analytical Chemistry, 2021, 93, 4859-4866.	6.5	10
9	A plasmonic biosensor array exploiting plasmon coupling between gold nanorods and spheres for domoic acid detection via two methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119473.	3.9	2
10	Biological and clinical significance of quorum sensing alkylquinolones: current analytical and bioanalytical methods for their quantification. Analytical and Bioanalytical Chemistry, 2021, 413, 4599-4618.	3.7	7
11	ASSURED Point-of-Need Food Safety Screening: A Critical Assessment of Portable Food Analyzers. Foods, 2021, 10, 1399.	4.3	28
12	Diagnosis and Stratification of Pseudomonas aeruginosa Infected Patients by Immunochemical Quantitative Determination of Pyocyanin From Clinical Bacterial Isolates. Frontiers in Cellular and Infection Microbiology, 2021, 11, 786929.	3.9	12
13	Multiplexed Immunosensor Based on the Amperometric Transduction for Monitoring of Marine Pollutants in Sea Water. Sensors, 2020, 20, 5532.	3.8	3
14	High-Throughput Immunochemical Method to Assess the 2-Heptyl-4-quinolone Quorum Sensing Molecule as a Potential Biomarker of Pseudomonas aeruginosa Infections. ACS Infectious Diseases, 2020, 6, 3237-3246.	3.8	12
15	Competitive ELISA for N-terminal pro-brain natriuretic peptide (NT-proBNP) determination in human plasma. Analyst, The, 2020, 145, 6719-6727.	3.5	6
16	Immunoassays on thiol-ene synthetic paper generate a superior fluorescence signal. Biosensors and Bioelectronics, 2020, 163, 112279.	10.1	19
17	Phenazines as potential biomarkers of Pseudomonas aeruginosa infections: synthesis regulation, pathogenesis and analytical methods for their detection. Analytical and Bioanalytical Chemistry, 2020, 412, 5897-5912.	3.7	27
18	The benefits of carbon black, gold and magnetic nanomaterials for point-of-harvest electrochemical quantification of domoic acid. Mikrochimica Acta, 2020, 187, 164.	5.0	19

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19	Kynurenic Acid Levels are Increased in the CSF of Alzheimer's Disease Patients. <i>Biomolecules</i> , 2020, 10, 571.	4.0	37
20	Current and near-future technologies for antibiotic susceptibility testing and resistant bacteria detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 127, 115891.	11.4	53
21	Development of Novel Magneto-Biosensor for Sulfapyridine Detection. <i>Biosensors</i> , 2020, 10, 43.	4.7	5
22	A high-specificity immunoassay for the therapeutic drug monitoring of cyclophosphamide. <i>Analyst</i> , 2019, 144, 5172-5178.	3.5	10
23	Development and validation of a multianalyte immunoassay for the quantification of environmental pollutants in seawater samples from the Catalonia coastal area. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5897-5907.	3.7	8
24	Nanobody: outstanding features for diagnostic and therapeutic applications. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1703-1713.	3.7	167
25	Light-induced mechanisms for nanocarrier's cargo release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 825-832.	5.0	15
26	New approach based on immunochemical techniques for monitoring of selective estrogen receptor modulators (SERMs) in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 147-152.	2.8	3
27	Enzyme-linked immunosorbent assays for therapeutic drug monitoring coumarin oral anticoagulants in plasma. <i>Analytica Chimica Acta</i> , 2018, 1028, 59-65.	5.4	13
28	Fluorescent microarray for multiplexed quantification of environmental contaminants in seawater samples. <i>Talanta</i> , 2018, 184, 499-506.	5.5	13
29	Immediate hypersensitivity to penicillins. Identification of a new antigenic determinant. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 17-23.	2.8	8
30	Biobarcode assay for the oral anticoagulant acenocoumarol. <i>Talanta</i> , 2018, 178, 308-314.	5.5	4
31	Studies towards hcTnI Immunodetection Using Electrochemical Approaches Based on Magnetic Microbeads. <i>Sensors</i> , 2018, 18, 2457.	3.8	9
32	Interferometric nanoimmunosensor for label-free and real-time monitoring of Irgarol 1051 in seawater. <i>Biosensors and Bioelectronics</i> , 2018, 117, 47-52.	10.1	18
33	Multiplexed immunochemical techniques for the detection of pollutants in aquatic environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 106, 1-10.	11.4	18
34	Immunoassay and amperometric biosensor approaches for the detection of deltamethrin in seawater. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5923-5930.	3.7	15
35	A high throughput immunoassay for the therapeutic drug monitoring of tegafur. <i>Analyst</i> , 2017, 142, 2404-2410.	3.5	18
36	Sandwich NP-based biobarcode assay for quantification C-reactive protein in plasma samples. <i>Analytica Chimica Acta</i> , 2017, 992, 112-118.	5.4	10

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37	Quantification of interacting cognate odorants with olfactory receptors in nanovesicles. Scientific Reports, 2017, 7, 17483.	3.3	9
38	Bioanalytical methods for cytostatic therapeutic drug monitoring and occupational exposure assessment. TrAC - Trends in Analytical Chemistry, 2017, 93, 152-170.	11.4	15
39	Multimodal plasmonic biosensing nanostructures prepared by DNA-directed immobilization of multifunctional DNA-gold nanoparticles. Biosensors and Bioelectronics, 2017, 90, 13-22.	10.1	15
40	Assessment of analytical methods to determine pyrethroids content of bednets. Tropical Medicine and International Health, 2017, 22, 41-51.	2.3	4
41	Novel strategy for sulfapyridine detection using a fully integrated electrochemical Bio-MEMS: Application to honey analysis. Biosensors and Bioelectronics, 2017, 93, 282-288.	10.1	30
42	Amperometric Biosensor for Continuous Monitoring Irgarol 1051 in Sea Water. Electroanalysis, 2016, 28, 1833-1838.	2.9	9
43	Immunochemical Determination of Pyocyanin and 1-Hydroxyphenazine as Potential Biomarkers of <i>Pseudomonas aeruginosa</i> Infections. Analytical Chemistry, 2016, 88, 1631-1638.	6.5	31
44	Electrochemical coding strategies using metallic nanoprobe for biosensing applications. TrAC - Trends in Analytical Chemistry, 2016, 79, 9-22.	11.4	26
45	Immunochemical strategy for quantification of G-coupled olfactory receptor proteins on natural nanovesicles. Colloids and Surfaces B: Biointerfaces, 2016, 139, 269-276.	5.0	1
46	Two photon versus one photon fluorescence excitation in whispering gallery mode microresonators. Journal of Luminescence, 2016, 170, 860-865.	3.1	5
47	Development and validation of an enzyme linked immunosorbent assay for fluoroquinolones in animal feeds. Food Control, 2015, 57, 195-201.	5.5	29
48	Rapid immunochemical analysis of the sulfonamide-sugar conjugated fraction of antibiotic contaminated honey samples. Food Chemistry, 2015, 178, 156-163.	8.2	15
49	Non-linear fluorescence excitation of Rhodamine 6G and TRITC labeled IgG in whispering gallery mode microresonators. Proceedings of SPIE, 2015, , .	0.8	1
50	A microfluidic device for the automated electrical readout of low-density glass-slide microarrays. Biosensors and Bioelectronics, 2015, 74, 698-704.	10.1	15
51	An immunochemical strategy based on peptidoglycan synthetic peptide epitopes to diagnose Staphylococcus aureus infections. Analytica Chimica Acta, 2015, 889, 203-211.	5.4	6
52	Immunochemical detection of penicillins by using biohybrid magnetic particles. Food Control, 2015, 51, 381-389.	5.5	20
53	Electrochemical Detection of Fluoroquinolone Antibiotics in Milk Using a Magneto Immunosensor. Sensors, 2014, 14, 15965-15980.	3.8	31
54	Extraction-less, rapid assay for the direct detection of 2,4,6-trichloroanisole (TCA) in cork samples. Talanta, 2014, 125, 336-340.	5.5	14

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55	Reusable conductimetric array of interdigitated microelectrodes for the readout of low-density microarrays. <i>Analytica Chimica Acta</i> , 2014, 832, 44-50.	5.4	3
56	Immunochemical determination of fluoroquinolone antibiotics in cattle hair: A strategy to ensure food safety. <i>Food Chemistry</i> , 2014, 157, 221-228.	8.2	19
57	Coulombimetric immunosensor for paraquat based on electrochemical nanoprobe. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 353-360.	7.8	33
58	Development and impedimetric evaluation of a magnetic interdigitated microelectrode. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 444-451.	7.8	3
59	Lipoprotein(a) determination in human serum using a nitrilotriacetic acid derivative immunosensing scaffold on disposable electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5379-5387.	3.7	5
60	Rapid method based on immunoassay for determination of paraquat residues in wheat, barley and potato. <i>Food Control</i> , 2014, 41, 193-201.	5.5	45
61	A General Perspective of the Characterization and Quantification of Nanoparticles: Imaging, Spectroscopic, and Separation Techniques. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2014, 39, 423-458.	12.3	72
62	An electrochemical magneto immunosensor (EMIS) for the determination of paraquat residues in potato samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7841-7849.	3.7	16
63	A portable electrochemical magnetoimmunosensor for detection of sulfonamide antimicrobials in honey. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7885-7895.	3.7	9
64	Ultrasensitive amperometric magnetoimmunosensor for human C-reactive protein quantification in serum. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 212-220.	7.8	68
65	Development of a Coulombimetric immunosensor based on specific antibodies labeled with CdS nanoparticles for sulfonamide antibiotic residues analysis and its application to honey samples. <i>Biosensors and Bioelectronics</i> , 2013, 43, 211-217.	10.1	37
66	Integrated disposable electrochemical immunosensors for the simultaneous determination of sulfonamide and tetracycline antibiotics residues in milk. <i>Biosensors and Bioelectronics</i> , 2013, 50, 100-105.	10.1	100
67	Bond Elasticity Controls Molecular Recognition Specificity in Antibody-Antigen Binding. <i>Nano Letters</i> , 2013, 13, 5197-5202.	9.1	2
68	Application of Bioassays/Biosensors for the Analysis of Pharmaceuticals in Environmental Samples. <i>Comprehensive Analytical Chemistry</i> , 2013, , 195-229.	1.3	4
69	Synthesis of Steroid-Oligonucleotide Conjugates for a DNA Site-Encoded SPR Immunosensor. <i>Bioconjugate Chemistry</i> , 2012, 23, 2183-2191.	3.6	16
70	Preparation of Antibodies and Development of an Enzyme-Linked Immunosorbent Assay (ELISA) for the Determination of Doxycycline Antibiotic in Milk Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3837-3846.	5.2	69
71	Design and fabrication of a COP-based microfluidic chip: Chronoamperometric detection of T-roponin T. <i>Electrophoresis</i> , 2012, 33, 3187-3194.	2.4	19
72	Two-photon fluorescent immunosensor for androgenic hormones using resonant grating waveguide structures. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 394-401.	7.8	16

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73	Molecular Modeling Assisted Hapten Design To Produce Broad Selectivity Antibodies for Fluoroquinolone Antibiotics. <i>Analytical Chemistry</i> , 2012, 84, 4527-4534.	6.5	64
74	Development of an immunoassay for terbutryn: Study of the influence of the immunization protocol. <i>Talanta</i> , 2012, 89, 310-316.	5.5	10
75	Disposable and integrated amperometric immunosensor for direct determination of sulfonamide antibiotics in milk. <i>Biosensors and Bioelectronics</i> , 2012, 36, 81-88.	10.1	80
76	Multiplexed immunoassay to detect anabolic androgenic steroids in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1361-1371.	3.7	20
77	Current bioanalytical methods for detection of penicillins. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1549-1566.	3.7	56
78	Nanogold probe enhanced Surface Plasmon Resonance immunosensor for improved detection of antibiotic residues. <i>Biosensors and Bioelectronics</i> , 2012, 34, 151-158.	10.1	68
79	Three-dimensional Interdigitated Electrode Array as a Tool for Surface Reactions Registration. <i>Electroanalysis</i> , 2012, 24, 69-75.	2.9	16
80	Nanobiosensors for In Vitro and In Vivo Analysis of Biomolecules. <i>Methods in Molecular Biology</i> , 2012, 811, 207-221.	0.9	1
81	Preliminary study for simultaneous detection and quantification of androgenic anabolic steroids using ELISA and pattern recognition techniques. <i>Analyst</i> , The, 2011, 136, 4045.	3.5	9
82	Portable Surface Plasmon Resonance Immunosensor for the Detection of Fluoroquinolone Antibiotic Residues in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5036-5043.	5.2	72
83	Development of Stable, Water-Dispersible, and Biofunctionalizable Superparamagnetic Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2011, 23, 2795-2802.	6.7	84
84	Development of a cellular biosensor for the detection of 2,4,6-trichloroanisole (TCA). <i>Talanta</i> , 2011, 84, 936-940.	5.5	33
85	Quantum dot-based array for sensitive detection of <i>Escherichia coli</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2755-2762.	3.7	38
86	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. <i>Journal of Chromatography A</i> , 2011, 1218, 4727-4737.	3.7	23
87	Biosensors for pharmaceuticals based on novel technology. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 541-553.	11.4	66
88	High-sensitive nonlinear detection of steroids by resonant double grating waveguide structures-based immunosensors. , 2011, , .		2
89	Recent advances in analytical and bioanalysis applications of noble metal nanorods. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2451-2469.	3.7	55
90	A high-throughput screening (HTS) immunochemical method for the analysis of stanozolol metabolites in cattle urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 243-252.	2.3	11

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91	A label-free and portable multichannel surface plasmon resonance immunosensor for on site analysis of antibiotics in milk samples. Biosensors and Bioelectronics, 2010, 26, 1231-1238.	10.1	166
92	Determination of atrazine residues in red wine samples. A conductimetric solution. Food Chemistry, 2010, 122, 888-894.	8.2	33
93	Competitive multi-immunosensing of pesticides based on the particle manipulation with negative dielectrophoresis. Biosensors and Bioelectronics, 2010, 25, 1928-1933.	10.1	40
94	Gel-based immunotest for simultaneous detection of 2,4,6-trichlorophenol and ochratoxin A in red wine. Analytica Chimica Acta, 2010, 672, 3-8.	5.4	20
95	Evaluation of Immunoassays as an Alternative for the Rapid Determination of Pesticides in Wine and Grape Samples. Journal of AOAC INTERNATIONAL, 2010, 93, 2-11.	1.5	7
96	Electronic Anabolic Steroid Recognition with Carbon Nanotube Field-Effect Transistors. ACS Nano, 2010, 4, 1473-1480.	14.6	19
97	Validation of an Enzyme-Linked Immunosorbent Assay for Detecting Sulfonamides in Feed Resources. Journal of Agricultural and Food Chemistry, 2010, 58, 7526-7531.	5.2	30
98	Multidetecion Of Anabolic Androgenic Steroids Using Immunoarrays and Pattern Recognition Techniques. , 2009, , .		1
99	Detection of pathogenic Bacteria by Electrochemical Impedance Spectroscopy: Influence of the immobilization strategies on the sensor performance. Procedia Chemistry, 2009, 1, 1291-1294.	0.7	30
100	Detection of pesticide residues using an immunodevice based on negative dielectrophoresis. Biosensors and Bioelectronics, 2009, 24, 1592-1597.	10.1	36
101	Waveguide interrogated optical immunosensor (WIOS) for detection of sulfonamide antibiotics in milk. Biosensors and Bioelectronics, 2009, 24, 3340-3346.	10.1	53
102	Traceability of sulfonamide antibiotic treatment by immunochemical analysis of farm animal hair samples. Analytical and Bioanalytical Chemistry, 2009, 395, 1009-1016.	3.7	14
103	Fluorescence site-encoded DNA addressable hapten microarray for anabolic androgenic steroids. TrAC - Trends in Analytical Chemistry, 2009, 28, 718-728.	11.4	21
104	Wavelength-interrogated optical biosensor for multi-analyte screening of sulfonamide, fluoroquinolone, β -lactam and tetracycline antibiotics in milk. TrAC - Trends in Analytical Chemistry, 2009, 28, 769-777.	11.4	59
105	Nanoparticle-based biosensors for detection of pathogenic bacteria. TrAC - Trends in Analytical Chemistry, 2009, 28, 1243-1252.	11.4	220
106	Immunoassay for folic acid detection in vitamin-fortified milk based on electrochemical magneto sensors. Biosensors and Bioelectronics, 2009, 24, 2057-2063.	10.1	77
107	Development of an Enzyme-Linked Immunosorbent Assay for Determination of the Miticide Bromopropylate. Journal of Agricultural and Food Chemistry, 2009, 57, 375-384.	5.2	17
108	Generation of Broad Specificity Antibodies for Sulfonamide Antibiotics and Development of an Enzyme-Linked Immunosorbent Assay (ELISA) for the Analysis of Milk Samples. Journal of Agricultural and Food Chemistry, 2009, 57, 385-394.	5.2	87

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109	Impedimetric Immunosensor Based on a Polypyrrole Antibiotic Model Film for the Label-Free Picomolar Detection of Ciprofloxacin. <i>Analytical Chemistry</i> , 2009, 81, 8405-8409.	6.5	72
110	Interdigitated BC-electrodes for development of an impedimetric immunosensor for atrazine detection. , 2009, , .		0
111	Biosensors for Pharmaceuticals and Emerging Contaminants Based on Novel Micro and Nanotechnology Approaches. <i>Handbook of Environmental Chemistry</i> , 2009, , 47-68.	0.4	5
112	Non-Specific Adsorption of Streptavidin on Single Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6149-6156.	0.9	4
113	An impedimetric immunosensor based on interdigitated microelectrodes (ID ^{1/4} E) for the determination of atrazine residues in food samples. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1367-1373.	10.1	86
114	Preparation of antibodies and development of a sensitive immunoassay with fluorescence detection for triazine herbicides. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1801-1812.	3.7	29
115	Studies on toxic oil syndrome: development of an enzyme-linked immunosorbent assay for 3-(N-phenylamino)propane-1,2-diol in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 617-624.	3.7	0
116	Colloidal-based localized surface plasmon resonance (LSPR) biosensor for the quantitative determination of stanozolol. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1813-1820.	3.7	61
117	A multianalyte ELISA for immunochemical screening of sulfonamide, fluoroquinolone and β -lactam antibiotics in milk samples using class-selective bioreceptors. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1703-1712.	3.7	85
118	Disulfide Symmetric Dimers as Stable Pre-Hapten Forms for Bioconjugation: A Strategy to Prepare Immunoreagents for the Detection of Sulfohenyl Carboxylate Residues in Environmental Samples. <i>Chemistry - A European Journal</i> , 2008, 14, 1906-1917.	3.3	7
119	Electrogeneration of polymer films functionalized by fluoroquinolone models for the development of antibiotic immunosensor. <i>Irbm</i> , 2008, 29, 181-186.	5.6	3
120	Single frequency impedimetric immunosensor for atrazine detection. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 921-928.	7.8	18
121	Conductimetric immunosensor for atrazine detection based on antibodies labelled with gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 95-103.	7.8	50
122	Characterisation of the interdigitated electrode array with tantalum silicide electrodes separated by insulating barriers. <i>Electrochemistry Communications</i> , 2008, 10, 1621-1624.	4.7	25
123	Three-dimensional interdigitated electrode array as a transducer for label-free biosensors. <i>Biosensors and Bioelectronics</i> , 2008, 24, 729-735.	10.1	51
124	Simultaneous immunochemical detection of stanozolol and the main human metabolite, 3 α -hydroxy-stanozolol, in urine and serum samples. <i>Analytical Biochemistry</i> , 2008, 376, 221-228.	2.4	21
125	Multifunctional nanoparticles " properties and prospects for their use in human medicine. <i>Trends in Biotechnology</i> , 2008, 26, 425-433.	9.3	722
126	Detection of Fluoroquinolone Antibiotics in Milk via a Labelless Immunoassay Based upon an Alternating Current Impedance Protocol. <i>Analytical Chemistry</i> , 2008, 80, 9233-9239.	6.5	40

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127	Nonlinear immunofluorescent assay for androgenic hormones based on resonant structures. Optics Express, 2008, 16, 13315.	3.4	13
128	Immunochemical Assays for Direct Sulfonamide Antibiotic Detection In Milk and Hair Samples Using Antibody Derivatized Magnetic Nanoparticles. Journal of Agricultural and Food Chemistry, 2008, 56, 736-743.	5.2	87
129	Immunochemical Analysis of 2,4,6-Tribromophenol for Assessment of Wood Contamination. Journal of Agricultural and Food Chemistry, 2008, 56, 29-34.	5.2	21
130	Procedure 33 Electrochemical determination of atrazine in orange juice and bottled water samples based on Protein A biocomposite electrodes. Comprehensive Analytical Chemistry, 2007, , e233-e236.	1.3	0
131	Labelless Immunosensor Assay for Fluoroquinolone Antibiotics Based Upon an AC Impedance Protocol. Analytical Letters, 2007, 40, 1412-1422.	1.8	24
132	Procedure 34 Electrochemical determination of sulfonamide antibiotics in milk samples using a class-selective antibody. Comprehensive Analytical Chemistry, 2007, 49, e237-e241.	1.3	1
133	Production of Antibodies for the Quantitative Detection of the Anabolically Active Androgens 17 β -Boldenone and Methylboldenone. Analytical Letters, 2007, 40, 1461-1472.	1.8	7
134	High frequency response of a novel biosensor based on interdigitated $\frac{1}{4}$ -electrodes (ID $\frac{1}{4}$ E's). , 2007, , .		0
135	Preparation of Antibodies for the Designer Steroid Tetrahydrogestrinone and Development of an Enzyme-Linked Immunosorbent Assay for Human Urine Analysis. Analytical Chemistry, 2007, 79, 3734-3740.	6.5	24
136	Electrochemical biosensing of pesticide residues based on affinity biocomposite platforms. Biosensors and Bioelectronics, 2007, 22, 1707-1715.	10.1	39
137	Electrochemical magneto immunosensing of antibiotic residues in milk. Biosensors and Bioelectronics, 2007, 22, 2184-2191.	10.1	114
138	Impedimetric immunosensor for atrazine detection using interdigitated $\frac{1}{4}$ -electrodes (ID $\frac{1}{4}$ E's). Sensors and Actuators B: Chemical, 2007, 125, 526-537.	7.8	53
139	A New Methodology for the Rational Design of Molecularly Imprinted Polymers. Analytical Letters, 2007, 40, 1294-1306.	1.8	13
140	Chapter 2.8 Application of bioassays/biosensors for the analysis of pharmaceuticals in environmental samples. Comprehensive Analytical Chemistry, 2007, 50, 279-334.	1.3	6
141	Part per trillion determination of atrazine in natural water samples by a surface plasmon resonance immunosensor. Analytical and Bioanalytical Chemistry, 2007, 388, 207-214.	3.7	97
142	Impedimetric immunosensor for the specific label free detection of ciprofloxacin antibiotic. Biosensors and Bioelectronics, 2007, 23, 549-555.	10.1	84
143	Analysis of Nonylphenol: Advances and Improvements in the Immunochemical Determination Using Antibodies Raised against the Technical Mixture and Hydrophilic Immunoreagents. Environmental Science & Technology, 2006, 40, 559-568.	10.0	36
144	Electrochemical Magnetoimmunosensing Strategy for the Detection of Pesticides Residues. Analytical Chemistry, 2006, 78, 1780-1788.	6.5	144

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145	Evaluation of a Newly Developed Enzyme-Linked Immunosorbent Assay for Determination of Linear Alkyl Benzenesulfonates in Wastewater Treatment Plants. <i>Environmental Science & Technology</i> , 2006, 40, 5064-5070.	10.0	13
146	Biomonitoring Human Exposure to Organohalogenated Substances by Measuring Urinary Chlorophenols Using a High-Throughput Screening (HTS) Immunochemical Method. <i>Environmental Science & Technology</i> , 2006, 40, 2469-2477.	10.0	30
147	Development of an Enzyme-Linked Immunosorbent Assay for the Determination of the Linear Alkylbenzene Sulfonates and Long-Chain Sulfophenyl Carboxylates Using Antibodies Generated by Pseudoheterologous Immunization. <i>Analytical Chemistry</i> , 2006, 78, 71-81.	6.5	28
148	Determination of Haloanisols in White Wine by Immunosorbent Solid-Phase Extraction Followed by Enzyme-Linked Immunosorbent Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9176-9183.	5.2	23
149	Quantitative detection of doping substances by a localised surface plasmon sensor. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1345-1349.	10.1	45
150	Development and evaluation of C18 and immunosorbent solid-phase extraction methods prior immunochemical analysis of chlorophenols in human urine. <i>Analytica Chimica Acta</i> , 2005, 533, 67-82.	5.4	20
151	Direct Competitive Enzyme-Linked Immunosorbent Assay for the Determination of the Highly Polar Short-Chain Sulfophenyl Carboxylates. <i>Analytical Chemistry</i> , 2005, 77, 5283-5293.	6.5	30
152	Biosensors for environmental monitoring A global perspective. <i>Talanta</i> , 2005, 65, 291-297.	5.5	194
153	Biosensors for environmental applications: Future development trends. <i>Pure and Applied Chemistry</i> , 2004, 76, 723-752.	1.9	199
154	Immunochemical determination of xenobiotics with endocrine disrupting effects. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 563-575.	3.7	28
155	Biosensors for environmental monitoring of endocrine disruptors: a review article. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 588-598.	3.7	141
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