

Antje Baeumner

List of Publications by Year in descending order

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146
papers

7,149
citations

50276

46
h-index

62596

80
g-index

150
all docs

150
docs citations

150
times ranked

8468
citing authors

#	ARTICLE	IF	CITATIONS
1	Ag nanoparticles outperform Au nanoparticles for the use as label in electrochemical point-of-care sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 475-483.	3.7	18
2	Advancements in sensor technology with innovative and significant research publications: how to write that perfect paper?. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 21-24.	3.7	1
3	Polypyrrole-palladium nanocomposite as a high-efficiency transducer for thrombin detection with liposomes as a label. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3205-3217.	3.7	4
4	Highly sensitive interleukin 6 detection by employing commercially ready liposomes in an LFA format. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3231-3241.	3.7	10
5	Dry-reagent microfluidic biosensor for simple detection of NT-proBNP via Ag nanoparticles. <i>Analytica Chimica Acta</i> , 2022, 1191, 339375.	5.4	13
6	Microfluidic flow-injection aptamer-based chemiluminescence platform for sulfadimethoxine detection. <i>Mikrochimica Acta</i> , 2022, 189, 117.	5.0	10
7	Electrochemical multi-analyte point-of-care perspiration sensors using on-chip three-dimensional graphene electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 763-777.	3.7	37
8	Microfluidic-enabled magnetic labelling of nanovesicles for bioanalytical applications. <i>Analyst</i> , The, 2021, 146, 997-1003.	3.5	6
9	A Family Affair: Addressing the Challenges of Factor H and the Related Proteins. <i>Frontiers in Immunology</i> , 2021, 12, 660194.	4.8	26
10	Substrate-Independent Laser-Induced Graphene Electrodes for Microfluidic Electroanalytical Systems. <i>ACS Applied Nano Materials</i> , 2021, 4, 3114-3121.	5.0	22
11	Process-property correlations in laser-induced graphene electrodes for electrochemical sensing. <i>Mikrochimica Acta</i> , 2021, 188, 159.	5.0	38
12	Recent trends in (bio)analytical chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5533-5534.	3.7	2
13	Next generation luminol derivative as powerful benchmark probe for chemiluminescence assays. <i>Analytica Chimica Acta</i> , 2021, 1188, 339161.	5.4	8
14	Dipsticks with Reflectometric Readout of an NIR Dye for Determination of Biogenic Amines. <i>Chemosensors</i> , 2020, 8, 99.	3.6	4
15	Cytocompatibility of Mats Prepared from Different Electrospun Polymer Nanofibers. <i>ACS Applied Bio Materials</i> , 2020, 3, 4912-4921.	4.6	8
16	Printable 3D Carbon Nanofiber Networks with Embedded Metal Nanocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39533-39540.	8.0	21
17	Biosensors to support sustainable agriculture and food safety. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115906.	11.4	122
18	Advances in direct optical detection. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3263-3264.	3.7	1

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19	Female role models in analytical chemistry: then, now, and in the future. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5873-5874.	3.7	0
20	Laser-scribed graphene (LSG) as new electrode material for impedance-based cellular assays. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128443.	7.8	23
21	Magnetosomes for bioassays by merging fluorescent liposomes and magnetic nanoparticles: encapsulation and bilayer insertion strategies. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6295-6305.	3.7	12
22	Cationic liposomes for generic signal amplification strategies in bioassays. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3383-3393.	3.7	6
23	Laser-induced graphene interdigitated electrodes for label-free or nanolabel-enhanced highly sensitive capacitive aptamer-based biosensors. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112272.	10.1	70
24	An efficient post-doping strategy creating electrospun conductive nanofibers with multi-functionalities for biomedical applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9316-9325.	5.5	6
25	Shedding Light on the Diversity of Surfactant Interactions with Luminol Electrochemiluminescence for Bioanalysis. <i>Analytical Chemistry</i> , 2019, 91, 13080-13087.	6.5	8
26	Aptamer lateral flow assays for rapid and sensitive detection of cholera toxin. <i>Analyst</i> , 2019, 144, 1840-1849.	3.5	57
27	Photosensitizer functionalised luminescent upconverting nanoparticles for efficient photodynamic therapy of breast cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 98-109.	2.9	26
28	A Robust strategy enabling addressable porous 3D carbon-based functional nanomaterials in miniaturized systems. <i>Nanoscale</i> , 2019, 11, 3674-3680.	5.6	10
29	Tethering functionality to lipid interfaces by a fast, simple and controllable post synthesis method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 325-332.	5.0	4
30	A Megatrend Challenging Analytical Chemistry: Biosensor and Chemosensor Concepts Ready for the Internet of Things. <i>Chemical Reviews</i> , 2019, 119, 7996-8027.	47.7	197
31	Introducing three new ABC Editors. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2471-2473.	3.7	1
32	A MXene-Based Wearable Biosensor System for High-Performance In Vitro Perspiration Analysis. <i>Small</i> , 2019, 15, e1901190.	10.0	280
33	KAUSTat: A Wireless, Wearable, Open-Source Potentiostat for Electrochemical Measurements. , 2019, , .		11
34	Nanocontainer in der Analytik. <i>Angewandte Chemie</i> , 2019, 131, 12970-12992.	2.0	8
35	Nanocontainers for Analytical Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12840-12860.	13.8	45
36	Food Safety Analysis Enabled through Biological and Synthetic Materials: A Critical Review of Current Trends. <i>Analytical Chemistry</i> , 2019, 91, 569-587.	6.5	27

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37	Functional Nanomaterials and Nanostructures Enhancing Electrochemical Biosensors and Lab-on-a-Chip Performances: Recent Progress, Applications, and Future Perspective. <i>Chemical Reviews</i> , 2019, 119, 120-194.	47.7	436
38	Frontispiece: Electrochemiluminescence Bioassays with a Water-Soluble Luminol Derivative Can Outperform Fluorescence Assays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	0
39	Frontispiz: Elektrochemilumineszenz-Bioassays können Fluoreszenzassays mithilfe eines wasserlöslichen Luminolderivats überbieten. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	1
40	Elektrochemilumineszenz-Bioassays können Fluoreszenzassays mithilfe eines wasserlöslichen Luminolderivats überbieten. <i>Angewandte Chemie</i> , 2018, 130, 414-418.	2.0	17
41	Electrochemiluminescence Bioassays with a Water-Soluble Luminol Derivative Can Outperform Fluorescence Assays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 408-411.	13.8	109
42	Functional electrospun nanofibers for multimodal sensitive detection of biogenic amines in food via a simple dipstick assay. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1111-1121.	3.7	34
43	ABC Spotlight on Analytics 4.0. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5095-5097.	3.7	12
44	PAMAM dendrimers: A multifunctional nanomaterial for ECL biosensors. <i>Talanta</i> , 2017, 168, 126-129.	5.5	26
45	980 nm and 808 nm excitable upconversion nanoparticles for the detection of enzyme related reactions. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
46	Detection of small molecules with surface plasmon resonance by synergistic plasmonic effects of nanostructured surfaces and graphene. <i>Proceedings of SPIE</i> , 2017, , .	0.8	5
47	Signal enhancement and low oxidation potentials for miniaturized ECL biosensors via N-butyl-diethanolamine. <i>Analyst</i> , The, 2017, 142, 2469-2474.	3.5	16
48	Rapid and sensitive inhibition-based assay for the electrochemical detection of Ochratoxin A and Aflatoxin M1 in red wine and milk. <i>Electrochimica Acta</i> , 2017, 243, 82-89.	5.2	64
49	Laser-Scribed Graphene Electrodes for Aptamer-Based Biosensing. <i>ACS Sensors</i> , 2017, 2, 616-620.	7.8	153
50	Improving ruthenium-based ECL through nonionic surfactants and tertiary amines. <i>Analyst</i> , The, 2017, 142, 2648-2653.	3.5	14
51	Particle-Size-Dependent Förster Resonance Energy Transfer from Upconversion Nanoparticles to Organic Dyes. <i>Analytical Chemistry</i> , 2017, 89, 4868-4874.	6.5	161
52	Thiamine Assays—Advances, Challenges, and Caveats. <i>ChemistryOpen</i> , 2017, 6, 178-191.	1.9	55
53	Liposome-Enhanced Lateral-Flow Assays for Clinical Analyses. <i>Methods in Molecular Biology</i> , 2017, 1571, 407-434.	0.9	14
54	Embedded nanolamps in electrospun nanofibers enabling online monitoring and ratiometric measurements. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9712-9720.	5.5	13

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55	Passive Mixing Capabilities of Micro- and Nanofibres When Used in Microfluidic Systems. <i>Sensors</i> , 2016, 16, 1238.	3.8	14
56	Graphene-enhanced plasmonic nanohole arrays for environmental sensing in aqueous samples. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1564-1573.	2.8	19
57	Investigating non-specific binding to chemically engineered sensor surfaces using liposomes as models. <i>Analyst</i> , 2016, 141, 5265-5273.	3.5	21
58	High-Throughput Detection of Thiamine Using Periplasmic Binding Protein-Based Biorecognition. <i>Analytical Chemistry</i> , 2016, 88, 8248-8256.	6.5	18
59	Nanomaterials as versatile tools for signal amplification in (bio)analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 306-316.	11.4	97
60	Fiber-based platforms for bioanalytics. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1281-1283.	3.7	3
61	Functionalized electrospun poly(vinyl alcohol) nanofibers for on-chip concentration of E. coli cells. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1327-1334.	3.7	27
62	A photonic crystal based sensing scheme for acetylcholine and acetylcholinesterase inhibitors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2089-2095.	5.8	34
63	Combining Electrochemical Sensors with Miniaturized Sample Preparation for Rapid Detection in Clinical Samples. <i>Sensors</i> , 2015, 15, 547-564.	3.8	47
64	A review of electrochemiluminescence (ECL) in and for microfluidic analytical devices. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3911-3926.	3.7	87
65	Liposomes with High Refractive Index Encapsulants as Tunable Signal Amplification Tools in Surface Plasmon Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2015, 87, 11157-11163.	6.5	22
66	Microfluidic biosensor for cholera toxin detection in fecal samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 727-736.	3.7	22
67	Microfluidic Isolation of Nucleic Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13988-14001.	13.8	68
68	Developing new materials for paper-based diagnostics using electrospun nanofibers. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3297-3304.	3.7	40
69	Luminescence properties of dilute bismide systems. <i>Journal of Luminescence</i> , 2014, 154, 95-98.	3.1	8
70	Isolation and Amplification of mRNA within a Simple Microfluidic Lab on a Chip. <i>Analytical Chemistry</i> , 2014, 86, 849-856.	6.5	42
71	Biologically Inspired Nanofibers for Use in Translational Bioanalytical Systems. <i>Annual Review of Analytical Chemistry</i> , 2014, 7, 23-42.	5.4	22
72	Enhancement of Heterogeneous Assays Using Fluorescent Magnetic Liposomes. <i>Analytical Chemistry</i> , 2014, 86, 6610-6616.	6.5	21

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73	Multi-channel PMMA microfluidic biosensor with integrated IDUAs for electrochemical detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5965-5974.	3.7	39
74	Superior performance of liposomes over enzymatic amplification in a high-throughput assay for myoglobin in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4017-4026.	3.7	15
75	Periplasmic Binding Protein-Based Detection of Maltose Using Liposomes: A New Class of Biorecognition Elements in Competitive Assays. <i>Analytical Chemistry</i> , 2013, 85, 2770-2778.	6.5	13
76	Miniaturized bioanalytical systems: enhanced performance through liposomes. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 444-452.	6.1	36
77	A Novel Three-Electrode System Fabricated on Polymethyl Methacrylate for On-Chip Electrochemical Detection. <i>Electroanalysis</i> , 2012, 24, 1903-1908.	2.9	11
78	Engineering liposomes as detection reagents for CD4+ T-cells. <i>Analytical Methods</i> , 2012, 4, 3948.	2.7	9
79	Functionalized electrospun nanofibers as bioseparators in microfluidic systems. <i>Lab on A Chip</i> , 2012, 12, 1696.	6.0	24
80	Recent progress in the design of nanofiber-based biosensing devices. <i>Lab on A Chip</i> , 2012, 12, 2612.	6.0	99
81	Micro-total analysis system for virus detection: microfluidic pre-concentration coupled to liposome-based detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 315-323.	3.7	59
82	Biosensors for the detection of waterborne pathogens. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 117-127.	3.7	81
83	On-chip spectrophotometry for bioanalysis using microring resonators. <i>Biomedical Optics Express</i> , 2011, 2, 271.	2.9	55
84	Miniaturized isothermal nucleic acid amplification, a review. <i>Lab on A Chip</i> , 2011, 11, 1420.	6.0	359
85	Integrated microfluidic preconcentrator and immunobiosensor. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 537-544.	2.2	10
86	Electrospun nanofibers for microfluidic analytical systems. <i>Polymer</i> , 2011, 52, 3413-3421.	3.8	27
87	Aptamer sandwich assays: label-free and fluorescence investigations of heterogeneous binding events. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2635-2644.	3.7	25
88	Aptamer sandwich assays: human $\hat{\pm}$ -thrombin detection using liposome enhancement. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2645-2654.	3.7	52
89	Focus on bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2337-2339.	3.7	1
90	Biopatterning for label-free detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 375-380.	5.0	12

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91	Capture and Culturing of Living Cells on Microstructured DNA Substrates. <i>Small</i> , 2010, 6, 2162-2168.	10.0	33
92	On-Chip Spectrophotometry for Bioanalysis Using Nanophotonic Devices. , 2010, , .		0
93	A biosensor assay for the detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in fecal samples. <i>Journal of Veterinary Science</i> , 2009, 10, 35.	1.3	30
94	Design and fabrication of a microfluidic device for near-single cell mRNA isolation using a copper hot embossing master. <i>Microsystem Technologies</i> , 2009, 15, 477-483.	2.0	28
95	PMMA biosensor for nucleic acids with integrated mixer and electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2428-2433.	10.1	83
96	Cholera toxin subunit B detection in microfluidic devices. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 177-186.	3.7	42
97	Liposome-Enhanced Lateral-Flow Assays for the Sandwich-Hybridization Detection of RNA. <i>Methods in Molecular Biology</i> , 2009, 504, 185-215.	0.9	12
98	Trends and opportunities in food pathogen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 451-4.	3.7	126
99	Human pathogenic <i>Cryptosporidium</i> species bioanalytical detection method with single oocyst detection capability. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 487-495.	3.7	53
100	Universal liposomes: preparation and usage for the detection of mRNA. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1689-1702.	3.7	40
101	Food pathogen and toxin detection. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 449-450.	3.7	5
102	Fluorescently labeled liposomes for monitoring cholera toxin binding to epithelial cells. <i>Analytical Biochemistry</i> , 2008, 380, 59-67.	2.4	13
103	Multiplexed Immunoassays in Food Analysis. , 2008, , .		0
104	Nanoscale optofluidic sensor arrays for Dengue virus detection. <i>Proceedings of SPIE</i> , 2007, , .	0.8	7
105	Synthesis of a liposome incorporated 1-carboxyalkylxanthine-phospholipid conjugate and its recognition by an RNA aptamer. <i>Talanta</i> , 2007, 71, 365-372.	5.5	9
106	Evaluation of Internal Standards in a Competitive Nucleic Acid Sequence-Based Amplification Assay. <i>Analytical Chemistry</i> , 2007, 79, 1386-1392.	6.5	14
107	DNA~Oligonucleotide Encapsulating Liposomes as a Secondary Signal Amplification Means. <i>Analytical Chemistry</i> , 2007, 79, 1806-1815.	6.5	35
108	RNA Internal Standard Synthesis by Nucleic Acid Sequence-Based Amplification for Competitive Quantitative Amplification Reactions. <i>Analytical Chemistry</i> , 2007, 79, 1548-1554.	6.5	15

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109	Application of a unique server-based oligonucleotide probe selection tool toward a novel biosensor for the detection of <i>Streptococcus pyogenes</i> . <i>Biosensors and Bioelectronics</i> , 2007, 22, 2442-2448.	10.1	19
110	Availability of biotin incorporated in electrospun PLA fibers for streptavidin binding. <i>Polymer</i> , 2007, 48, 6340-6347.	3.8	34
111	An embedded system for portable electrochemical detection. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 336-343.	7.8	35
112	Application of Ganglioside-Sensitized Liposomes in a Flow Injection Immunoanalytical System for the Determination of Cholera Toxin. <i>Analytical Chemistry</i> , 2007, 79, 246-250.	6.5	45
113	Incorporation of Biotin into PLA Nanofibers via Suspension and Dissolution in the Electrospinning Dope. <i>Journal of Biobased Materials and Bioenergy</i> , 2007, 1, 220-228.	0.3	6
114	Electrochemical microfluidic biosensor for the detection of nucleic acid sequences. <i>Lab on A Chip</i> , 2006, 6, 414.	6.0	115
115	Recirculating, passive micromixer with a novel sawtooth structure. <i>Lab on A Chip</i> , 2006, 6, 242-246.	6.0	24
116	Sequential Injection Analysis System for the Sandwich Hybridization-Based Detection of Nucleic Acids. <i>Analytical Chemistry</i> , 2006, 78, 1958-1966.	6.5	32
117	Analysis of liposomes. <i>Talanta</i> , 2006, 68, 1432-1441.	5.5	139
118	Liposomes in analyses. <i>Talanta</i> , 2006, 68, 1421-1431.	5.5	131
119	Electrochemical microfluidic biosensor for nucleic acid detection with integrated minipotentiostat. <i>Biosensors and Bioelectronics</i> , 2006, 21, 2217-2223.	10.1	112
120	Electrospun polylactic acid nanofiber membranes as substrates for biosensor assemblies. <i>Journal of Membrane Science</i> , 2006, 279, 354-363.	8.2	166
121	<i>Bacillus anthracis</i> : toxicology, epidemiology and current rapid-detection methods. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 73-84.	3.7	89
122	Optimization of DNA-tagged dye-encapsulating liposomes for lateral-flow assays based on sandwich hybridization. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1335-1343.	3.7	64
123	Optimization of DNA-tagged liposomes for use in microtiter plate analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1613-1623.	3.7	38
124	A novel extraction method for peanut allergenic proteins in chocolate and their detection by a liposome-based lateral flow assay. <i>European Food Research and Technology</i> , 2005, 221, 564-569.	3.3	26
125	Chapter 6 Bioanalytical microsystems: technology and applications. <i>Comprehensive Analytical Chemistry</i> , 2005, , 251-284.	1.3	3
126	Protein G-liposomal nanovesicles as universal reagents for immunoassays. <i>Talanta</i> , 2005, 67, 205-211.	5.5	26

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127	Development of a microfluidic biosensor module for pathogen detection. <i>Lab on A Chip</i> , 2005, 5, 805.	6.0	154
128	Microfluidic Biosensor for the Serotype-Specific Detection of Dengue Virus RNA. <i>Analytical Chemistry</i> , 2005, 77, 7520-7527.	6.5	105
129	A generic sandwich-type biosensor with nanomolar detection limits. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1587-1593.	3.7	60
130	Multi-analyte single-membrane biosensor for the serotype-specific detection of Dengue virus. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 46-53.	3.7	68
131	A rapid biosensor for viable <i>B. anthracis</i> spores. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 15-23.	3.7	50
132	Characterization and Optimization of Interdigitated Ultramicroelectrode Arrays as Electrochemical Biosensor Transducers. <i>Electroanalysis</i> , 2004, 16, 724-729.	2.9	96
133	A Universal Nucleic Acid Sequence Biosensor with Nanomolar Detection Limits. <i>Analytical Chemistry</i> , 2004, 76, 888-894.	6.5	101
134	Biosensor for the specific detection of a single viable <i>B. anthracis</i> spore. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 319-327.	3.7	63
135	A microfluidic biosensor based on nucleic acid sequence recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 1062-1068.	3.7	83
136	Biosensors for environmental pollutants and food contaminants. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 434-445.	3.7	212
137	RNA biosensor for the rapid detection of viable <i>Escherichia coli</i> in drinking water. <i>Biosensors and Bioelectronics</i> , 2003, 18, 405-413.	10.1	178
138	Ganglioside-Liposome Immunoassay for the Ultrasensitive Detection of Cholera Toxin. <i>Analytical Chemistry</i> , 2003, 75, 2256-2261.	6.5	103
139	Biosensor for Dengue Virus Detection: Sensitive, Rapid, and Serotype Specific. <i>Analytical Chemistry</i> , 2002, 74, 1442-1448.	6.5	118
140	Highly Sensitive and Specific Detection of Viable <i>Escherichia coli</i> in Drinking Water. <i>Analytical Biochemistry</i> , 2002, 303, 186-193.	2.4	92
141	Development of a laser-induced cell lysis system. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 421-426.	3.7	42
142	Detection of Viable Oocysts of <i>Cryptosporidium parvum</i> Following Nucleic Acid Sequence Based Amplification. <i>Analytical Chemistry</i> , 2001, 73, 1176-1180.	6.5	82
143	Detection of <i>Cryptosporidium parvum</i> Using Oligonucleotide-Tagged Liposomes in a Competitive Assay Format. <i>Analytical Chemistry</i> , 2001, 73, 3162-3167.	6.5	59
144	Dipstick Immunoassay Format for Atrazine and Terbutylazine Analysis in Water Samples. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 3847-3851.	5.2	19

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145	Promising Early-Career (Bio)analytical Researchers. <i>Analytical and Bioanalytical Chemistry</i> , 0, , .	3.7	0
146	In honor of Professor GÃ¼nter Gauglitz. <i>Analytical and Bioanalytical Chemistry</i> , 0, , .	3.7	0