

Antje Baeumner

List of Publications by Year in descending order

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146
papers

7,149
citations

50170

46
h-index

62479

80
g-index

150
all docs

150
docs citations

150
times ranked

8468
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	23.0	436
2	Miniaturized isothermal nucleic acid amplification, a review. <i>Lab on A Chip</i> , 2011, 11, 1420.	3.1	359
3	A MXene-Based Wearable Biosensor System for High-Performance In Vitro Perspiration Analysis. <i>Small</i> , 2019, 15, e1901190.	5.2	280
4	Biosensors for environmental pollutants and food contaminants. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 434-445.	1.9	212
5	A Megatrend Challenging Analytical Chemistry: Biosensor and Chemosensor Concepts Ready for the Internet of Things. <i>Chemical Reviews</i> , 2019, 119, 7996-8027.	23.0	197
6	RNA biosensor for the rapid detection of viable <i>Escherichia coli</i> in drinking water. <i>Biosensors and Bioelectronics</i> , 2003, 18, 405-413.	5.3	178
7	Electrospun polylactic acid nanofiber membranes as substrates for biosensor assemblies. <i>Journal of Membrane Science</i> , 2006, 279, 354-363.	4.1	166
8	Particle-Size-Dependent Förster Resonance Energy Transfer from Upconversion Nanoparticles to Organic Dyes. <i>Analytical Chemistry</i> , 2017, 89, 4868-4874.	3.2	161
9	Development of a microfluidic biosensor module for pathogen detection. <i>Lab on A Chip</i> , 2005, 5, 805.	3.1	154
10	Laser-Scribed Graphene Electrodes for Aptamer-Based Biosensing. <i>ACS Sensors</i> , 2017, 2, 616-620.	4.0	153
11	Analysis of liposomes. <i>Talanta</i> , 2006, 68, 1432-1441.	2.9	139
12	Liposomes in analyses. <i>Talanta</i> , 2006, 68, 1421-1431.	2.9	131
13	Trends and opportunities in food pathogen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 451-4.	1.9	126
14	Biosensors to support sustainable agriculture and food safety. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115906.	5.8	122
15	Biosensor for Dengue Virus Detection: A Sensitive, Rapid, and Serotype Specific. <i>Analytical Chemistry</i> , 2002, 74, 1442-1448.	3.2	118
16	Electrochemical microfluidic biosensor for the detection of nucleic acid sequences. <i>Lab on A Chip</i> , 2006, 6, 414.	3.1	115
17	Electrochemical microfluidic biosensor for nucleic acid detection with integrated minipotentiostat. <i>Biosensors and Bioelectronics</i> , 2006, 21, 2217-2223.	5.3	112
18	Electrochemiluminescence Bioassays with a Water-Soluble Luminol Derivative Can Outperform Fluorescence Assays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 408-411.	7.2	109

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19	Microfluidic Biosensor for the Serotype-Specific Detection of Dengue Virus RNA. <i>Analytical Chemistry</i> , 2005, 77, 7520-7527.	3.2	105
20	Ganglioside-Liposome Immunoassay for the Ultrasensitive Detection of Cholera Toxin. <i>Analytical Chemistry</i> , 2003, 75, 2256-2261.	3.2	103
21	A Universal Nucleic Acid Sequence Biosensor with Nanomolar Detection Limits. <i>Analytical Chemistry</i> , 2004, 76, 888-894.	3.2	101
22	Recent progress in the design of nanofiber-based biosensing devices. <i>Lab on A Chip</i> , 2012, 12, 2612.	3.1	99
23	Nanomaterials as versatile tools for signal amplification in (bio)analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 306-316.	5.8	97
24	Characterization and Optimization of Interdigitated Ultramicroelectrode Arrays as Electrochemical Biosensor Transducers. <i>Electroanalysis</i> , 2004, 16, 724-729.	1.5	96
25	Highly Sensitive and Specific Detection of Viable <i>Escherichia coli</i> in Drinking Water. <i>Analytical Biochemistry</i> , 2002, 303, 186-193.	1.1	92
26	<i>Bacillus anthracis</i> : toxicology, epidemiology and current rapid-detection methods. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 73-84.	1.9	89
27	A review of electrochemiluminescence (ECL) in and for microfluidic analytical devices. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3911-3926.	1.9	87
28	A microfluidic biosensor based on nucleic acid sequence recognition. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 1062-1068.	1.9	83
29	PMMA biosensor for nucleic acids with integrated mixer and electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2428-2433.	5.3	83
30	Detection of Viable Oocysts of <i>Cryptosporidium parvum</i> Following Nucleic Acid Sequence Based Amplification. <i>Analytical Chemistry</i> , 2001, 73, 1176-1180.	3.2	82
31	Biosensors for the detection of waterborne pathogens. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 117-127.	1.9	81
32	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.	5.3	70
33	Multi-analyte single-membrane biosensor for the serotype-specific detection of Dengue virus. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 46-53.	1.9	68
34	Microfluidic Isolation of Nucleic Acids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13988-14001.	7.2	68
35	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.	1.9	64
36	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.	2.6	64

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37	Biosensor for the specific detection of a single viable B. Anthracis spore. Analytical and Bioanalytical Chemistry, 2003, 376, 319-327.	1.9	63
38	A generic sandwich-type biosensor with nanomolar detection limits. Analytical and Bioanalytical Chemistry, 2004, 378, 1587-1593.	1.9	60
39	Detection of Cryptosporidium parvum Using Oligonucleotide-Tagged Liposomes in a Competitive Assay Format. Analytical Chemistry, 2001, 73, 3162-3167.	3.2	59
40	Micro-total analysis system for virus detection: microfluidic pre-concentration coupled to liposome-based detection. Analytical and Bioanalytical Chemistry, 2012, 402, 315-323.	1.9	59
41	Aptamer lateral flow assays for rapid and sensitive detection of cholera toxin. Analyst, The, 2019, 144, 1840-1849.	1.7	57
42	On-chip spectrophotometry for bioanalysis using microring resonators. Biomedical Optics Express, 2011, 2, 271.	1.5	55
43	Thiamine Assays – Advances, Challenges, and Caveats. ChemistryOpen, 2017, 6, 178-191.	0.9	55
44	Human pathogenic Cryptosporidium species bioanalytical detection method with single oocyst detection capability. Analytical and Bioanalytical Chemistry, 2008, 391, 487-495.	1.9	53
45	Aptamer sandwich assays: human α -thrombin detection using liposome enhancement. Analytical and Bioanalytical Chemistry, 2010, 398, 2645-2654.	1.9	52
46	A rapid biosensor for viable B. anthracis spores. Analytical and Bioanalytical Chemistry, 2004, 380, 15-23.	1.9	50
47	Combining Electrochemical Sensors with Miniaturized Sample Preparation for Rapid Detection in Clinical Samples. Sensors, 2015, 15, 547-564.	2.1	47
48	Application of Ganglioside-Sensitized Liposomes in a Flow Injection Immunoanalytical System for the Determination of Cholera Toxin. Analytical Chemistry, 2007, 79, 246-250.	3.2	45
49	Nanocontainers for Analytical Applications. Angewandte Chemie - International Edition, 2019, 58, 12840-12860.	7.2	45
50	Development of a laser-induced cell lysis system. Analytical and Bioanalytical Chemistry, 2002, 374, 421-426.	1.9	42
51	Cholera toxin subunit B detection in microfluidic devices. Analytical and Bioanalytical Chemistry, 2009, 393, 177-186.	1.9	42
52	Isolation and Amplification of mRNA within a Simple Microfluidic Lab on a Chip. Analytical Chemistry, 2014, 86, 849-856.	3.2	42
53	Universal liposomes: preparation and usage for the detection of mRNA. Analytical and Bioanalytical Chemistry, 2008, 391, 1689-1702.	1.9	40
54	Developing new materials for paper-based diagnostics using electrospun nanofibers. Analytical and Bioanalytical Chemistry, 2014, 406, 3297-3304.	1.9	40

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55	Multi-channel PMMA microfluidic biosensor with integrated IDUAs for electrochemical detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5965-5974.	1.9	39
56	Optimization of DNA-tagged liposomes for use in microtiter plate analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1613-1623.	1.9	38
57	Process-property correlations in laser-induced graphene electrodes for electrochemical sensing. <i>Mikrochimica Acta</i> , 2021, 188, 159.	2.5	38
58	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.	1.9	37
59	Miniaturized bioanalytical systems: enhanced performance through liposomes. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 444-452.	2.8	36
60	DNA [~] Oligonucleotide Encapsulating Liposomes as a Secondary Signal Amplification Means. <i>Analytical Chemistry</i> , 2007, 79, 1806-1815.	3.2	35
61	An embedded system for portable electrochemical detection. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 336-343.	4.0	35
62	Availability of biotin incorporated in electrospun PLA fibers for streptavidin binding. <i>Polymer</i> , 2007, 48, 6340-6347.	1.8	34
63	A photonic crystal based sensing scheme for acetylcholine and acetylcholinesterase inhibitors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2089-2095.	2.9	34
64	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.	1.9	34
65	Capture and Culturing of Living Cells on Microstructured DNA Substrates. <i>Small</i> , 2010, 6, 2162-2168.	5.2	33
66	Sequential Injection Analysis System for the Sandwich Hybridization-Based Detection of Nucleic Acids. <i>Analytical Chemistry</i> , 2006, 78, 1958-1966.	3.2	32
67	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.	0.5	30
68	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.	1.2	28
69	Electrospun nanofibers for microfluidic analytical systems. <i>Polymer</i> , 2011, 52, 3413-3421.	1.8	27
70	Functionalized electrospun poly(vinyl alcohol) nanofibers for on-chip concentration of <i>E. coli</i> cells. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1327-1334.	1.9	27
71	Food Safety Analysis Enabled through Biological and Synthetic Materials: A Critical Review of Current Trends. <i>Analytical Chemistry</i> , 2019, 91, 569-587.	3.2	27
72	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.	1.6	26

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73	Protein G-liposomal nanovesicles as universal reagents for immunoassays. <i>Talanta</i> , 2005, 67, 205-211.	2.9	26
74	PAMAM dendrimers: A multifunctional nanomaterial for ECL biosensors. <i>Talanta</i> , 2017, 168, 126-129.	2.9	26
75	Photosensitizer functionalised luminescent upconverting nanoparticles for efficient photodynamic therapy of breast cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 98-109.	1.6	26
76	A Family Affair: Addressing the Challenges of Factor H and the Related Proteins. <i>Frontiers in Immunology</i> , 2021, 12, 660194.	2.2	26
77	Aptamer sandwich assays: label-free and fluorescence investigations of heterogeneous binding events. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2635-2644.	1.9	25
78	Recirculating, passive micromixer with a novel sawtooth structure. <i>Lab on A Chip</i> , 2006, 6, 242-246.	3.1	24
79	Functionalized electrospun nanofibers as bioseparators in microfluidic systems. <i>Lab on A Chip</i> , 2012, 12, 1696.	3.1	24
80	Laser-scribed graphene (LSG) as new electrode material for impedance-based cellular assays. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128443.	4.0	23
81	Biologically Inspired Nanofibers for Use in Translational Bioanalytical Systems. <i>Annual Review of Analytical Chemistry</i> , 2014, 7, 23-42.	2.8	22
82	Liposomes with High Refractive Index Encapsulants as Tunable Signal Amplification Tools in Surface Plasmon Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2015, 87, 11157-11163.	3.2	22
83	Microfluidic biosensor for cholera toxin detection in fecal samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 727-736.	1.9	22
84	Substrate-Independent Laser-Induced Graphene Electrodes for Microfluidic Electroanalytical Systems. <i>ACS Applied Nano Materials</i> , 2021, 4, 3114-3121.	2.4	22
85	Enhancement of Heterogeneous Assays Using Fluorescent Magnetic Liposomes. <i>Analytical Chemistry</i> , 2014, 86, 6610-6616.	3.2	21
86	Investigating non-specific binding to chemically engineered sensor surfaces using liposomes as models. <i>Analyst</i> , 2016, 141, 5265-5273.	1.7	21
87	Printable 3D Carbon Nanofiber Networks with Embedded Metal Nanocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39533-39540.	4.0	21
88	Dipstick Immunoassay Format for Atrazine and Terbutylazine Analysis in Water Samples. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 3847-3851.	2.4	19
89	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.	5.3	19
90	Graphene-enhanced plasmonic nanohole arrays for environmental sensing in aqueous samples. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1564-1573.	1.5	19

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91	High-Throughput Detection of Thiamine Using Periplasmic Binding Protein-Based Biorecognition. <i>Analytical Chemistry</i> , 2016, 88, 8248-8256.	3.2	18
92	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.	1.9	18
93	Elektrochemilumineszenz-Bioassays können Fluoreszenzassays mithilfe eines wasserlöslichen Luminolderivats überbieten. <i>Angewandte Chemie</i> , 2018, 130, 414-418.	1.6	17
94	Signal enhancement and low oxidation potentials for miniaturized ECL biosensors via N-butyl-diethanolamine. <i>Analyst</i> , 2017, 142, 2469-2474.	1.7	16
95	RNA Internal Standard Synthesis by Nucleic Acid Sequence-Based Amplification for Competitive Quantitative Amplification Reactions. <i>Analytical Chemistry</i> , 2007, 79, 1548-1554.	3.2	15
96	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.	1.9	15
97	Evaluation of Internal Standards in a Competitive Nucleic Acid Sequence-Based Amplification Assay. <i>Analytical Chemistry</i> , 2007, 79, 1386-1392.	3.2	14
98	Passive Mixing Capabilities of Micro- and Nanofibres When Used in Microfluidic Systems. <i>Sensors</i> , 2016, 16, 1238.	2.1	14
99	Improving ruthenium-based ECL through nonionic surfactants and tertiary amines. <i>Analyst</i> , 2017, 142, 2648-2653.	1.7	14
100	Liposome-Enhanced Lateral-Flow Assays for Clinical Analyses. <i>Methods in Molecular Biology</i> , 2017, 1571, 407-434.	0.4	14
101	Fluorescently labeled liposomes for monitoring cholera toxin binding to epithelial cells. <i>Analytical Biochemistry</i> , 2008, 380, 59-67.	1.1	13
102	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.	3.2	13
103	Embedded nanolamps in electrospun nanofibers enabling online monitoring and ratiometric measurements. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9712-9720.	2.7	13
104	Dry-reagent microfluidic biosensor for simple detection of NT-proBNP via Ag nanoparticles. <i>Analytica Chimica Acta</i> , 2022, 1191, 339375.	2.6	13
105	Biopatterning for label-free detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 375-380.	2.5	12
106	ABC Spotlight on Analytics 4.0. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5095-5097.	1.9	12
107	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.	1.9	12
108	Liposome-Enhanced Lateral-Flow Assays for the Sandwich-Hybridization Detection of RNA. <i>Methods in Molecular Biology</i> , 2009, 504, 185-215.	0.4	12

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109	A Novel Threeâ€Electrode System Fabricated on Polymethyl Methacrylate for Onâ€Chip Electrochemical Detection. <i>Electroanalysis</i> , 2012, 24, 1903-1908.	1.5	11
110	KAUStat: A Wireless, Wearable, Open-Source Potentiostat for Electrochemical Measurements. , 2019, , .		11
111	Integrated microfluidic preconcentrator and immunobiosensor. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 537-544.	1.0	10
112	A Robust strategy enabling addressable porous 3D carbon-based functional nanomaterials in miniaturized systems. <i>Nanoscale</i> , 2019, 11, 3674-3680.	2.8	10
113	Highly sensitive interleukin 6 detection by employing commercially ready liposomes in an LFA format. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3231-3241.	1.9	10
114	Microfluidic flow-injection aptamer-based chemiluminescence platform for sulfadimethoxine detection. <i>Mikrochimica Acta</i> , 2022, 189, 117.	2.5	10
115	Synthesis of a liposome incorporated 1-carboxyalkylxanthine-phospholipid conjugate and its recognition by an RNA aptamer. <i>Talanta</i> , 2007, 71, 365-372.	2.9	9
116	Engineering liposomes as detection reagents for CD4+ T-cells. <i>Analytical Methods</i> , 2012, 4, 3948.	1.3	9
117	Luminescence properties of dilute bismide systems. <i>Journal of Luminescence</i> , 2014, 154, 95-98.	1.5	8
118	Shedding Light on the Diversity of Surfactant Interactions with Luminol Electrochemiluminescence for Bioanalysis. <i>Analytical Chemistry</i> , 2019, 91, 13080-13087.	3.2	8
119	Nanocontainer in der Analytik. <i>Angewandte Chemie</i> , 2019, 131, 12970-12992.	1.6	8
120	Cytocompatibility of Mats Prepared from Different Electrospun Polymer Nanofibers. <i>ACS Applied Bio Materials</i> , 2020, 3, 4912-4921.	2.3	8
121	Next generation luminol derivative as powerful benchmark probe for chemiluminescence assays. <i>Analytica Chimica Acta</i> , 2021, 1188, 339161.	2.6	8
122	Nanoscale optofluidic sensor arrays for Dengue virus detection. <i>Proceedings of SPIE</i> , 2007, , .	0.8	7
123	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.	2.7	6
124	Cationic liposomes for generic signal amplification strategies in bioassays. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3383-3393.	1.9	6
125	Microfluidic-enabled magnetic labelling of nanovesicles for bioanalytical applications. <i>Analyst</i> , The, 2021, 146, 997-1003.	1.7	6
126	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.	0.1	6

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127	Food pathogen and toxin detection. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 449-450.	1.9	5
128	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
129	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.	2.5	4
130	Dipsticks with Reflectometric Readout of an NIR Dye for Determination of Biogenic Amines. <i>Chemosensors</i> , 2020, 8, 99.	1.8	4
131	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.	1.9	4
132	Chapter 6 Bioanalytical microsystems: technology and applications. <i>Comprehensive Analytical Chemistry</i> , 2005, , 251-284.	0.7	3
133	Fiber-based platforms for bioanalytics. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1281-1283.	1.9	3
134	Recent trends in (bio)analytical chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5533-5534.	1.9	2
135	Focus on bioanalysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2337-2339.	1.9	1
136	980 nm and 808 nm excitable upconversion nanoparticles for the detection of enzyme related reactions. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
137	Frontispiz: Elektrochemilumineszenzâ€Bioassays kÃ¶nnen Fluoreszenzassays mithilfe eines wasserlÃ¶slichen Luminolderivats Ã¼bertreffen. <i>Angewandte Chemie</i> , 2018, 130, .	1.6	1
138	Introducing three new ABC Editors. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2471-2473.	1.9	1
139	Advances in direct optical detection. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3263-3264.	1.9	1
140	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.	1.9	1
141	Frontispiece: Electrochemiluminescence Bioassays with a Waterâ€Soluble Luminol Derivative Can Outperform Fluorescence Assays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	7.2	0
142	Female role models in analytical chemistry: then, now, and in the future. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5873-5874.	1.9	0
143	Multiplexed Immunoassays in Food Analysis. , 2008, , .		0
144	On-Chip Spectrophotometry for Bioanalysis Using Nanophotonic Devices. , 2010, , .		0

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145	Promising Early-Career (Bio)analytical Researchers. Analytical and Bioanalytical Chemistry, 0, , .	1.9	0
146	In honor of Professor GÃ¼nter Gauglitz. Analytical and Bioanalytical Chemistry, 0, , .	1.9	0