

Detlev Belder

List of Publications by Year in descending order

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140
papers

4,471
citations

94381

37
h-index

143943

57
g-index

152
all docs

152
docs citations

152
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification in microchip electrophoresis. <i>Electrophoresis</i> , 2003, 24, 3595-3606.	1.3	206
2	Super-High-Throughput Screening of Enantioselective Catalysts by Using Capillary Array Electrophoresis. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3891-3893.	7.2	198
3	Enantioselective Catalysis and Analysis on a Chip. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2463-2466.	7.2	153
4	Cross-linked poly(vinyl alcohol) as permanent hydrophilic column coating for capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 3813-3818.	1.3	124
5	Deep UV Laser-Induced Fluorescence Detection of Unlabeled Drugs and Proteins in Microchip Electrophoresis. <i>Analytical Chemistry</i> , 2005, 77, 1325-1329.	3.2	113
6	Microfluidic Glass Chips with an Integrated Nanospray Emitter for Coupling to a Mass Spectrometer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4913-4916.	7.2	104
7	Asymmetric Organocatalysis and Analysis on a Single Microfluidic Nanospray Chip. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9467-9470.	7.2	83
8	Microchip electrophoresis for chiral separations. <i>Electrophoresis</i> , 2003, 24, 2422-2430.	1.3	82
9	Subsecond chiral separations on a microchip. <i>Electrophoresis</i> , 2004, 25, 3848-3852.	1.3	79
10	Rapid replication of master structures by double casting with PDMS. <i>Lab on A Chip</i> , 2009, 9, 3000.	3.1	79
11	High-speed chiral separations on a microchip with UV detection. <i>Electrophoresis</i> , 2003, 24, 3233-3238.	1.3	75
12	Modification of silica surfaces for CZE by adsorption of non-ionic hydrophilic polymers or use of radial electric fields. <i>Journal of High Resolution Chromatography</i> , 1992, 15, 686-693.	2.0	71
13	Microfluidics with Droplets. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3521-3522.	7.2	69
14	Chip-Based High-Performance Liquid Chromatography for High-Speed Enantioseparations. <i>Analytical Chemistry</i> , 2015, 87, 5568-5576.	3.2	67
15	General approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 1997, 767, 263-276.	1.8	66
16	Chip-based separation devices coupled to mass spectrometry. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 453-459.	2.8	59
17	Chiral separations of basic and acidic compounds in modified capillaries using cyclodextrin-modified capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1994, 666, 351-365.	1.8	56
18	PDMS free-flow electrophoresis chips with integrated partitioning bars for bubble segregation. <i>Lab on A Chip</i> , 2011, 11, 309-314.	3.1	55

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19	Chip-Based Free-Flow Electrophoresis with Integrated Nanospray Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2766-2770.	7.2	54
20	Label-free fluorescence detection in capillary and microchip electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 515-525.	1.9	53
21	Detection of antibiotics synthesized in microfluidic picolitre-droplets by various actinobacteria. <i>Scientific Reports</i> , 2018, 8, 13087.	1.6	52
22	Spray Performance of Microfluidic Glass Devices with Integrated Pulled Nanoelectrospray Emitters. <i>Analytical Chemistry</i> , 2009, 81, 7256-7261.	3.2	46
23	Microfluidic free-flow electrophoresis chips with an integrated fluorescent sensor layer for real time pH imaging in isoelectric focusing. <i>Chemical Communications</i> , 2013, 49, 904-906.	2.2	45
24	High-performance liquid chromatography on glass chips using precisely defined porous polymer monoliths as particle retaining elements. <i>Journal of Chromatography A</i> , 2014, 1370, 33-39.	1.8	45
25	On-chip integration of organic synthesis and HPLC/MS analysis for monitoring stereoselective transformations at the micro-scale. <i>Lab on A Chip</i> , 2017, 17, 76-81.	3.1	45
26	Poly(vinyl alcohol)-coated microfluidic devices for high-performance microchip electrophoresis. <i>Electrophoresis</i> , 2002, 23, 3567-3573.	1.3	44
27	An integrated chip-mass spectrometry and epifluorescence approach for online monitoring of bioactive metabolites from incubated Actinobacteria in picoliter droplets. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7679-7687.	1.9	44
28	Microfluidics and surface-enhanced Raman spectroscopy, a win-win combination?. <i>Lab on A Chip</i> , 2022, 22, 665-682.	3.1	42
29	A droplet-chip/mass spectrometry approach to study organic synthesis at nanoliter scale. <i>Lab on A Chip</i> , 2017, 17, 1996-2002.	3.1	41
30	Separation and Identification of Basic Dendrimers Using Capillary Electrophoresis On-line Coupled to a Sector Mass Spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 521-526.	0.7	40
31	Towards an Integrated Chemical Circuit. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3736-3737.	7.2	40
32	Enantioselective reaction monitoring utilizing two-dimensional heart-cut liquid chromatography on an integrated microfluidic chip. <i>Lab on A Chip</i> , 2016, 16, 4648-4652.	3.1	40
33	Catalysis by Metal Nanoparticles in a Plug-In Optofluidic Platform: Redox Reactions of <i>p</i> -Nitrobenzenethiol and <i>p</i> -Aminothiophenol. <i>ACS Catalysis</i> , 2018, 8, 2443-2449.	5.5	40
34	Fluorescence lifetime-activated droplet sorting in microfluidic chip systems. <i>Lab on A Chip</i> , 2019, 19, 403-409.	3.1	40
35	Progress in microchip enantioseparations. <i>Electrophoresis</i> , 2009, 30, 2765-2772.	1.3	39
36	On-chip monitoring of chemical syntheses in microdroplets via surface-enhanced Raman spectroscopy. <i>Chemical Communications</i> , 2015, 51, 8588-8591.	2.2	39

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37	Micro free-flow electrophoresis with injection molded chips. <i>RSC Advances</i> , 2012, 2, 520-525.	1.7	38
38	HPLC-MS with Glass Chips Featuring Monolithically Integrated Electrospray Emitters of Different Geometries. <i>Analytical Chemistry</i> , 2016, 88, 2856-2863.	3.2	38
39	Design and performance of a microchip electrophoresis instrument with sensitive variable-wavelength fluorescence detection. <i>Electrophoresis</i> , 2002, 23, 2355.	1.3	37
40	Chip electrophoresis with mass spectrometric detection in record speed. <i>Lab on A Chip</i> , 2010, 10, 1227.	3.1	37
41	Directed control of electroosmotic flow in nonaqueous electrolytes using poly(ethylene glycol) coated capillaries. <i>Electrophoresis</i> , 2001, 22, 666-672.	1.3	36
42	Influence of pH*-value of methanolic electrolytes on electroosmotic flow in hydrophilic coated capillaries. <i>Journal of Chromatography A</i> , 2000, 868, 63-71.	1.8	35
43	Multistep liquid-phase lithography for fast prototyping of microfluidic free-flow-electrophoresis chips. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2651-2656.	1.9	35
44	Seamless Combination of High-Pressure Chip-HPLC and Droplet Microfluidics on an Integrated Microfluidic Glass Chip. <i>Analytical Chemistry</i> , 2017, 89, 13030-13037.	3.2	35
45	Chip electrophoresis of active banana ingredients with label-free detection utilizing deep UV native fluorescence and mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1853-1857.	1.9	34
46	Large- β -Cyclodextrins as Chiral Selectors for Enantiomeric Pharmaceuticals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6411-6414.	7.2	33
47	Label-free real-time imaging in microchip free-flow electrophoresis applying high speed deep UV fluorescence scanning. <i>Lab on A Chip</i> , 2012, 12, 458-463.	3.1	32
48	Protein-protein interaction analysis in single microfluidic droplets using FRET and fluorescence lifetime detection. <i>Lab on A Chip</i> , 2013, 13, 2808.	3.1	32
49	A low pressure on-chip injection strategy for high-performance chip-based chromatography. <i>Journal of Chromatography A</i> , 2014, 1340, 59-67.	1.8	32
50	Evaluation of Pressure Stable Chip-to-Tube Fittings Enabling High-Speed Chip-HPLC with Mass Spectrometric Detection. <i>Analytical Chemistry</i> , 2016, 88, 7481-7486.	3.2	32
51	Coated microfluidic devices for improved chiral separations in microchip electrophoresis. <i>Electrophoresis</i> , 2003, 24, 2481-2486.	1.3	31
52	Microfluidic device for concentration and SERS-based detection of bacteria in drinking water. <i>Electrophoresis</i> , 2021, 42, 86-94.	1.3	31
53	Analysis of basic pharmaceuticals by capillary electrophoresis in coated capillaries and on-line mass spectrometric detection. <i>Journal of Chromatography A</i> , 1996, 752, 271-277.	1.8	30
54	Microfluidic chips for chirality exploration. <i>Analytical Chemistry</i> , 2011, 83, 3232-3238.	3.2	29

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55	Integrating continuous microflow reactions with subsequent micropreparative separations on a single microfluidic chip. <i>Chemical Communications</i> , 2013, 49, 11644.	2.2	28
56	Fast electrically assisted regeneration of on-chip SERS substrates. <i>Lab on A Chip</i> , 2015, 15, 2923-2927.	3.1	28
57	Analysis of Enantioselective Biotransformations Using a Few Hundred Cells on an Integrated Microfluidic Chip. <i>Journal of the American Chemical Society</i> , 2016, 138, 2102-2105.	6.6	28
58	2D in Seconds: Coupling of Chip-HPLC with Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 7613-7620.	3.2	28
59	Monitoring On-Chip Picosecond-Spengler Reactions by Integrated Analytical Separation and Label-Free Time-Resolved Fluorescence. <i>Chemistry - A European Journal</i> , 2012, 18, 1240-1246.	1.7	27
60	Two-photon excited fluorescence detection at 420 nm for label-free detection of small aromatics and proteins in microchip electrophoresis. <i>Lab on A Chip</i> , 2007, 7, 1841.	3.1	26
61	Integrated on-chip mass spectrometry reaction monitoring in microfluidic devices containing porous polymer monolithic columns. <i>Analyst, The</i> , 2016, 141, 5412-5416.	1.7	26
62	Mixed Valent Nickel and Manganese Oxide Ceramics—Model Systems with Superconducting Properties?. <i>Journal of Solid State Chemistry</i> , 1995, 116, 355-363.	1.4	25
63	Integrating chemical synthesis and analysis on a chip. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 416-418.	1.9	25
64	Micro flow reactor chips with integrated luminescent chemosensors for spatially resolved on-line chemical reaction monitoring. <i>Lab on A Chip</i> , 2013, 13, 4134.	3.1	25
65	A chip-integrated optical microfluidic pressure sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2407-2415.	4.0	25
66	Supercritical-Fluid Chromatography On-Chip with Two-Photon-Excited-Fluorescence Detection for High-Speed Chiral Separations. <i>Analytical Chemistry</i> , 2019, 91, 6134-6140.	3.2	25
67	Use of coated capillaries for nonaqueous capillary electrophoresis. <i>Journal of Separation Science</i> , 1999, 11, 209-213.	1.0	24
68	Poly(ethylene glycol)-coated microfluidic devices for chip electrophoresis. <i>Electrophoresis</i> , 2012, 33, 370-378.	1.3	24
69	An integrated microfluidic chip enabling control and spatially resolved monitoring of temperature in micro flow reactors. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 387-396.	1.9	24
70	An Integrated Lab-on-a-Chip Approach to Study Heterogeneous Enantioselective Catalysts at the Microscale. <i>ChemCatChem</i> , 2018, 10, 5382-5385.	1.8	24
71	Multiple Heart-Cutting Two-Dimensional Chip-HPLC Combined with Deep-UV Fluorescence and Mass Spectrometric Detection. <i>Analytical Chemistry</i> , 2020, 92, 3795-3803.	3.2	24
72	Separation of fluorescein isothiocyanate-labeled amines by microchip electrophoresis in uncoated and polyvinyl alcohol-coated glass chips using water and dimethyl sulfoxide as solvents of background electrolyte. <i>Electrophoresis</i> , 2004, 25, 1901-1906.	1.3	23

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73	Surface modification of <scp>PDMS</scp> microfluidic devices by controlled sulfuric acid treatment and the application in chip electrophoresis. <i>Electrophoresis</i> , 2015, 36, 449-456.	1.3	23
74	Integration of segmented microflow chemistry and online HPLC/MS analysis on a microfluidic chip system enabling enantioselective analyses at the nanoliter scale. <i>Lab on A Chip</i> , 2021, 21, 2614-2624.	3.1	23
75	Electrokinetic Effects in Poly(ethylene glycol)-Coated Capillaries Induced by Specific Adsorption of Cations. <i>Langmuir</i> , 2001, 17, 4962-4966.	1.6	22
76	Surface enhanced Raman spectroscopy in microchip electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1541, 39-46.	1.8	21
77	Conversion Efficiencies of a Few Living Microbial Cells Detected at a High Throughput by Droplet-Based ESI-MS. <i>Analytical Chemistry</i> , 2020, 92, 10700-10708.	3.2	21
78	Impact of laser excitation intensity on deep UV fluorescence detection in microchip electrophoresis. <i>Electrophoresis</i> , 2008, 29, 4894-4899.	1.3	20
79	Fast quantitative determination of diuretic drugs in tablets and human urine by microchip electrophoresis with native fluorescence detection. <i>Electrophoresis</i> , 2007, 28, 2934-2941.	1.3	19
80	A chip-integrated highly variable thermal flow rate sensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 42-49.	4.0	19
81	Temperature Gradient Elution and Superheated Eluents in Chip-HPLC. <i>Analytical Chemistry</i> , 2017, 89, 3266-3271.	3.2	19
82	A microfluidic device enabling surface-enhanced Raman spectroscopy at chip-integrated multifunctional nanoporous membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 267-277.	1.9	19
83	Improving sensitivity in microchip electrophoresis coupled to ESI-MS/MS on the example of a cardiac drug mixture. <i>Electrophoresis</i> , 2014, 35, 1880-1886.	1.3	18
84	A novel microfluidic microelectrode chip for a significantly enhanced monitoring of NPY-receptor activation in live mode. <i>Lab on A Chip</i> , 2017, 17, 4294-4302.	3.1	18
85	Microchip HPLC separations monitored simultaneously by coherent anti-Stokes Raman scattering and fluorescence detection. <i>Mikrochimica Acta</i> , 2017, 184, 315-321.	2.5	18
86	Raman Spectroscopic Detection in Continuous Microflow Using a Chip-Integrated Silver Electrode as an Electrically Regenerable Surface-Enhanced Raman Spectroscopy Substrate. <i>Analytical Chemistry</i> , 2019, 91, 9844-9851.	3.2	18
87	Joining Microfluidics with Infrared Photodissociation: Online Monitoring of Isomeric Flow-Reaction Intermediates. <i>Analytical Chemistry</i> , 2019, 91, 3199-3203.	3.2	18
88	Quantification of Biocatalytic Transformations by Single Microbial Cells Enabled by Tailored Integration of Droplet Microfluidics and Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
89	Rapid Prototyping of Electrochromatography Chips for Improved Two-Photon Excited Fluorescence Detection. <i>Analytical Chemistry</i> , 2014, 86, 3773-3779.	3.2	16
90	Sheathless coupling of microchip electrophoresis to ESI-MS utilising an integrated photo polymerised membrane for electric contacting. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5741-5750.	1.9	16

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91	On-the-Fly Mass Spectrometry in Digital Microfluidics Enabled by a Microspray Hole: Toward Multidimensional Reaction Monitoring in Automated Synthesis Platforms. <i>Journal of the American Chemical Society</i> , 2022, 144, 10353-10360.	6.6	16
92	Rapid quantitative determination of ephedra alkaloids in tablet formulations and human urine by microchip electrophoresis. <i>Electrophoresis</i> , 2011, 32, 440-447.	1.3	15
93	Label-free analysis in chip electrophoresis applying deep UV fluorescence lifetime detection. <i>Electrophoresis</i> , 2011, 32, 3108-3114.	1.3	15
94	Label-Free Fluorescence Detection of Aromatic Compounds in Chip Electrophoresis Applying Two-Photon Excitation and Time-Correlated Single-Photon Counting. <i>Analytical Chemistry</i> , 2013, 85, 8150-8157.	3.2	15
95	A Highly Stereoselective Synthesis of Tetrahydrofurans. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6758-6761.	7.2	15
96	Microfluidic Free-Flow Electrophoresis Based Solvent Exchanger for Continuously Operating Lab-on-Chip Applications. <i>Analytical Chemistry</i> , 2017, 89, 13550-13558.	3.2	15
97	Continuous purification of reaction products by micro free-flow electrophoresis enabled by large area deep-UV fluorescence imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 853-862.	1.9	14
98	Analysis of Rauwolfia Alkaloids Employing Capillary Electrophoresis-Mass Spectrometry. <i>Natural Product Research</i> , 1997, 9, 265-272.	0.4	13
99	Nonaqueous Micro Free-Flow Electrophoresis for Continuous Separation of Reaction Mixtures in Organic Media. <i>Analytical Chemistry</i> , 2019, 91, 6689-6694.	3.2	13
100	How electrospray potentials can disrupt droplet microfluidics and how to prevent this. <i>Lab on A Chip</i> , 2020, 20, 4456-4465.	3.1	13
101	Coating of powder-blasted channels for high-performance microchip electrophoresis. <i>Electrophoresis</i> , 2006, 27, 3277-3283.	1.3	12
102	An integrated on-chip sirtuin assay. <i>Electrophoresis</i> , 2010, 31, 3263-3267.	1.3	12
103	Towards an integrated device that utilizes adherent cells in a micro-free-flow electrophoresis chip to achieve separation and biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5381-5386.	1.9	12
104	Phase-optimized chip-based liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6599-6606.	1.9	11
105	Chip-based electrochromatography coupled to ESI-MS detection. <i>Electrophoresis</i> , 2016, 37, 1345-1352.	1.3	11
106	Coupling Droplet Microfluidics with Ion Mobility Spectrometry for Monitoring Chemical Conversions at Nanoliter Scale. <i>Analytical Chemistry</i> , 2021, 93, 13615-13623.	3.2	11
107	New diode laser-excitable green fluorescent label and its application to detection of bovine serum albumin via microchip electrophoresis. <i>Mikrochimica Acta</i> , 2009, 166, 183-188.	2.5	10
108	Two-photon excitation in chip electrophoresis enabling label-free fluorescence detection in non-transparent full-body polymer chips. <i>Electrophoresis</i> , 2015, 36, 2976-2982.	1.3	10

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109	The requirements for low-temperature plasma ionization support miniaturization of the ion source. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3715-3722.	1.9	10
110	Rapid prototyping of microfluidic chips for dead-volume-free MS coupling. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8735-8743.	1.9	9
111	On-Line Coupling of Chip-Electrochromatography and Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 15129-15136.	3.2	9
112	A new weakly basic amino- ϵ -reactive fluorescent label for use in isoelectric focusing and chip electrophoresis. <i>Electrophoresis</i> , 2010, 31, 2749-2753.	1.3	8
113	On-chip integration of normal phase high-performance liquid chromatography and droplet microfluidics introducing ethylene glycol as polar continuous phase for the compartmentalization of n-heptane eluents. <i>Journal of Chromatography A</i> , 2020, 1612, 460653.	1.8	8
114	A Visible-Light-Powered Polymerization Method for the Immobilization of Enantioselective Organocatalysts into Microreactors. <i>Chemistry - A European Journal</i> , 2020, 26, 13152-13156.	1.7	8
115	Fluorescence lifetime activated droplet sorting (FLADS) for label-free sorting of <i>Synechocystis</i> sp. PCC6803. <i>Lab on A Chip</i> , 2022, 22, 1604-1614.	3.1	8
116	Liquid Beam Desorption Mass Spectrometry for the Investigation of Continuous Flow Reactions in Microfluidic Chips. <i>Analytical Chemistry</i> , 2017, 89, 6175-6181.	3.2	7
117	Two-photon fluorescence lifetime for label-free microfluidic droplet sorting. <i>Analytical and Bioanalytical Chemistry</i> , 2021, , 1.	1.9	7
118	A Highly Stereoselective Synthesis of Tetrahydrofurans. <i>Angewandte Chemie</i> , 2017, 129, 6862-6865.	1.6	6
119	On-chip mass spectrometric analysis in non-polar solvents by liquid beam infrared matrix-assisted laser dispersion/ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1561-1570.	1.9	5
120	Screening in One Sweep using the Slipchip. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6484-6486.	7.2	4
121	Analyte and matrix evaporability – key players of low-temperature plasma ionization for ambient mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5123-5130.	1.9	4
122	Large-Ring Cyclodextrins as Chiral Selectors for Enantiomeric Pharmaceuticals. <i>Angewandte Chemie</i> , 2019, 131, 6477-6480.	1.6	4
123	In situ monitoring of photocatalyzed isomerization reactions on a microchip flow reactor by IR-MALDI ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7899-7911.	1.9	4
124	Unravelling the configuration of transient ortho-quinone methides by combining microfluidics with gas phase vibrational spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4610-4616.	1.3	4
125	Unveiling Organocatalysts Action – Investigating Immobilized Catalysts at Steady-State Operation via Lab-on-a-Chip Technology. <i>ChemCatChem</i> , 0, , .	1.8	4
126	CE/MALDI-MS of Peptides and Low Molecular Weight Drugs Using Non-Volatile Buffers. <i>Journal of High Resolution Chromatography</i> , 1998, 21, 59-62.	2.0	3

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127	Analysis of Alkaloids by Capillary Electrophoresis and Capillary Electrophoresis - Electrospray Mass Spectrometry. Alkaloids: Chemical and Biological Perspectives, 1998, , 289-341.	0.2	3
128	Chiral separations in microfluidic devices. , 2006, , 277-295.		2
129	Free-flow electrophoresis with electrode-less injection molded chips. Proceedings of SPIE, 2011, , .	0.8	2
130	Chip-basierte Freiflusselektrophorese mit integrierter Nanospray-Massenspektrometrie-Kopplung. Angewandte Chemie, 2015, 127, 2805-2809.	1.6	2
131	Multielectrode biosensor chip for spatial resolution screening of 3D cell models based on microcavity arrays. Biosensors and Bioelectronics, 2022, 202, 114010.	5.3	2
132	Erratum to "General approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis-mass spectrometry" [J. Chromatogr. A, 767 (1997) 263-276]. Journal of Chromatography A, 1997, 786, 384.	1.8	1
133	Crossing the Border towards Deep UV Time-Resolved Microscopy of Native Fluophores. Biophysical Journal, 2013, 104, 667a.	0.2	1
134	An integrated resource-efficient microfluidic device for parallelised studies of immobilised chiral catalysts in continuous flow via miniaturized LC/MS-analysis. Reaction Chemistry and Engineering, 0, , .	1.9	1
135	Vom DNA-Sequencer zum System für die organische Synthese. Nachrichten Aus Der Chemie, 2003, 51, 757-759.	0.0	0
136	Cover Picture: Enantioselective Catalysis and Analysis on a Chip (Angew. Chem. Int. Ed. 15/2006). Angewandte Chemie - International Edition, 2006, 45, 2315-2315.	7.2	0
137	Analytische Chemie 2014/2015. Nachrichten Aus Der Chemie, 2016, 64, 497-508.	0.0	0
138	Der Chromatograph auf einem Glasplättchen. Nachrichten Aus Der Chemie, 2018, 66, 1062-1065.	0.0	0
139	Trendbericht Analytische Chemie II: Trenntechniken und Elektroanalytik. Nachrichten Aus Der Chemie, 2020, 68, 48-53.	0.0	0
140	Quantification of Biocatalytic Transformations by Single Microbial Cells Enabled by Tailored Integration of Droplet Microfluidics and Mass Spectrometry. Angewandte Chemie, 0, , .	1.6	0