Detlev Belder

List of Publications by Year
in descending order

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140	4,471	94381	143943
papers	citations	37 h-index	57 g-index

152	152	152	3254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidics and surface-enhanced Raman spectroscopy, a winâ€“win combination?. Lab on A Chip, 2022, 22, 665-682.	3.1	42
2	Multielectrode biosensor chip for spatial resolution screening of 3D cell models based on microcavity arrays. Biosensors and Bioelectronics, 2022, 202, 114010.	5.3	2
3	Fluorescence lifetime activated droplet sorting (FLADS) for label-free sorting of Synechocystis sp. PCC6803. Lab on A Chip, 2022, 22, 1604-1614.	3.1	8
4	Quantification of Biocatalytic Transformations by Single Microbial Cells Enabled by Tailored Integration of Droplet Microfluidics and Mass Spectrometry. Angewandte Chemie - International Edition, 2022, 61, .	7.2	18
5	On-the-Fly Mass Spectrometry in Digital Microfluidics Enabled by a Microspray Hole: Toward Multidimensional Reaction Monitoring in Automated Synthesis Platforms. Journal of the American Chemical Society, 2022, 144, 10353-10360.	6.6	16
6	Microfluidic device for concentration and SERSâ€based detection of bacteria in drinking water. Electrophoresis, 2021, 42, 86-94.	1.3	31
7	Integration of segmented microflow chemistry and online HPLC/MS analysis on a microfluidic chip system enabling enantioselective analyses at the nanoliter scale. Lab on A Chip, 2021, 21, 2614-2624.	3.1	23
8	Coupling Droplet Microfluidics with Ion Mobility Spectrometry for Monitoring Chemical Conversions at Nanoliter Scale. Analytical Chemistry, 2021, 93, 13615-13623.	3.2	11
9	On-chip mass spectrometric analysis in non-polar solvents by liquid beam infrared matrix-assisted laser dispersion/ionization. Analytical and Bioanalytical Chemistry, 2021, 413, 1561-1570.	1.9	5
10	Two-photon fluorescence lifetime for label-free microfluidic droplet sorting. Analytical and Bioanalytical Chemistry, 2021, , 1.	1.9	7
11	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. Journal of Chromatography A, 2020, 1612, 460653.	1.8	8
12	A microfluidic device enabling surface-enhanced Raman spectroscopy at chip-integrated multifunctional nanoporous membranes. Analytical and Bioanalytical Chemistry, 2020, 412, 267-277.	1.9	19
13	Conversion Efficiencies of a Few Living Microbial Cells Detected at a High Throughput by Droplet-Based ESI-MS. Analytical Chemistry, 2020, 92, 10700-10708.	3.2	21
14	How electrospray potentials can disrupt droplet microfluidics and how to prevent this. Lab on A Chip, 2020, 20, 4456-4465.	3.1	13
15	In situ monitoring of photocatalyzed isomerization reactions on a microchip flow reactor by IR-MALDI ion mobility spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 7899-7911.	1.9	4
16	Trendbericht Analytische Chemie II: Trenntechniken und Elektroanalytik. Nachrichten Aus Der Chemie, 2020, 68, 48-53.	0.0	0
17	On-Line Coupling of Chip-Electrochromatography and Ion Mobility Spectrometry. Analytical Chemistry, 2020, 92, 15129-15136.	3.2	9
18	A Visibleâ€Lightâ€Powered Polymerization Method for the Immobilization of Enantioselective Organocatalysts into Microreactors. Chemistry - A European Journal, 2020, 26, 13152-13156.	1.7	8

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19	Unravelling the configuration of transient ortho-quinone methides by combining microfluidics with gas phase vibrational spectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 4610-4616.	1.3	4
20	Multiple Heart-Cutting Two-Dimensional Chip-HPLC Combined with Deep-UV Fluorescence and Mass Spectrometric Detection. Analytical Chemistry, 2020, 92, 3795-3803.	3.2	24
21	Raman Spectroscopic Detection in Continuous Microflow Using a Chip-Integrated Silver Electrode as an Electrically Regenerable Surface-Enhanced Raman Spectroscopy Substrate. Analytical Chemistry, 2019, 91, 9844-9851.	3.2	18
22	Fluorescence lifetime-activated droplet sorting in microfluidic chip systems. Lab on A Chip, 2019, 19, 403-409.	3.1	40
23	2D in Seconds: Coupling of Chip-HPLC with Ion Mobility Spectrometry. Analytical Chemistry, 2019, 91, 7613-7620.	3.2	28
24	Nonaqueous Micro Free-Flow Electrophoresis for Continuous Separation of Reaction Mixtures in Organic Media. Analytical Chemistry, 2019, 91, 6689-6694.	3.2	13
25	Largeâ€Ring Cyclodextrins as Chiral Selectors for Enantiomeric Pharmaceuticals. Angewandte Chemie - International Edition, 2019, 58, 6411-6414.	7.2	33
26	Supercritical-Fluid Chromatography On-Chip with Two-Photon-Excited-Fluorescence Detection for High-Speed Chiral Separations. Analytical Chemistry, 2019, 91, 6134-6140.	3.2	25
27	Largeâ€Ring Cyclodextrins as Chiral Selectors for Enantiomeric Pharmaceuticals. Angewandte Chemie, 2019, 131, 6477-6480.	1.6	4
28	Joining Microfluidics with Infrared Photodissociation: Online Monitoring of Isomeric Flow-Reaction Intermediates. Analytical Chemistry, 2019, 91, 3199-3203.	3.2	18
29	The requirements for low-temperature plasma ionization support miniaturization of the ion source. Analytical and Bioanalytical Chemistry, 2018, 410, 3715-3722.	1.9	10
30	Surface enhanced Raman spectroscopy in microchip electrophoresis. Journal of Chromatography A, 2018, 1541, 39-46.	1.8	21
31	Catalysis by Metal Nanoparticles in a Plug-In Optofluidic Platform: Redox Reactions of p-Nitrobenzenethiol and p-Aminothiophenol. ACS Catalysis, 2018, 8, 2443-2449.	5.5	40
32	Continuous purification of reaction products by micro free-flow electrophoresis enabled by large area deep-UV fluorescence imaging. Analytical and Bioanalytical Chemistry, 2018, 410, 853-862.	1.9	14
33	A chip-integrated optical microfluidic pressure sensor. Sensors and Actuators B: Chemical, 2018, 255, 2407-2415.	4.0	25
34	Der Chromatograph auf einem GlasplÃttchen. Nachrichten Aus Der Chemie, 2018, 66, 1062-1065.	0.0	0
35	An integrated chip-mass spectrometry and epifluorescence approach for online monitoring of bioactive metabolites from incubated Actinobacteria in picoliter droplets. Analytical and Bioanalytical Chemistry, 2018, 410, 7679-7687.	1.9	44
36	An Integrated Labâ€onâ€aâ€chip Approach to Study Heterogeneous Enantioselective Catalysts at the Microscale. ChemCatChem, 2018, 10, 5382-5385.	1.8	24

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37	Detection of antibiotics synthetized in microfluidic picolitre-droplets by various actinobacteria. Scientific Reports, 2018, 8, 13087.	1.6	52
38	Analyte and matrix evaporability â€“ key players of low-temperature plasma ionization for ambient mass spectrometry. Analytical and Bioanalytical Chemistry, 2018, 410, 5123-5130.	1.9	4
39	Sheathless coupling of microchip electrophoresis to ESI-MS utilising an integrated photo polymerised membrane for electric contacting. Analytical and Bioanalytical Chemistry, 2018, 410, 5741-5750.	1.9	16
40	Temperature Gradient Elution and Superheated Eluents in Chip-HPLC. Analytical Chemistry, 2017, 89, 3266-3271.	3.2	19
41	A droplet-chip/mass spectrometry approach to study organic synthesis at nanoliter scale. Lab on A Chip, 2017, 17, 1996-2002.	3.1	41
42	A Highly Stereoselective Synthesis of Tetrahydrofurans. Angewandte Chemie - International Edition, 2017, 56, 6758-6761.	7.2	15
43	A Highly Stereoselective Synthesis of Tetrahydrofurans. Angewandte Chemie, 2017, 129, 6862-6865.	1.6	6
44	Liquid Beam Desorption Mass Spectrometry for the Investigation of Continuous Flow Reactions in Microfluidic Chips. Analytical Chemistry, 2017, 89, 6175-6181.	3.2	7
45	On-chip integration of organic synthesis and HPLC/MS analysis for monitoring stereoselective transformations at the micro-scale. Lab on A Chip, 2017, 17, 76-81.	3.1	45
46	A novel microfluidic microelectrode chip for a significantly enhanced monitoring of NPY-receptor activation in live mode. Lab on A Chip, 2017, 17, 4294-4302.	3.1	18
47	Microfluidic Free-Flow Electrophoresis Based Solvent Exchanger for Continuously Operating Lab-on-Chip Applications. Analytical Chemistry, 2017, 89, 13550-13558.	3.2	15
48	Seamless Combination of High-Pressure Chip-HPLC and Droplet Microfluidics on an Integrated Microfluidic Glass Chip. Analytical Chemistry, 2017, 89, 13030-13037.	3.2	35
49	Microchip HPLC separations monitored simultaneously by coherent anti-Stokes Raman scattering and fluorescence detection. Mikrochimica Acta, 2017, 184, 315-321.	2.5	18
50	Evaluation of Pressure Stable Chip-to-Tube Fittings Enabling High-Speed Chip-HPLC with Mass Spectrometric Detection. Analytical Chemistry, 2016, 88, 7481-7486.	3.2	32
51	Integrated on-chip mass spectrometry reaction monitoring in microfluidic devices containing porous polymer monolithic columns. Analyst, The, 2016, 141, 5412-5416.	1.7	26
52	Analytische Chemie 2014/2015. Nachrichten Aus Der Chemie, 2016, 64, 497-508.	0.0	0
53	Enantioselective reaction monitoring utilizing two-dimensional heart-cut liquid chromatography on an integrated microfluidic chip. Lab on A Chip, 2016, 16, 4648-4652.	3.1	40
54	Chipâ€based electrochromatography coupled to ESIâ€MS detection. Electrophoresis, 2016, 37, 1345-1352.	1.3	11

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55	HPLC-MS with Glass Chips Featuring Monolithically Integrated Electrospray Emitters of Different Geometries. Analytical Chemistry, 2016, 88, 2856-2863.	3.2	38
56	Analysis of Enantioselective Biotransformations Using a Few Hundred Cells on an Integrated Microfluidic Chip. Journal of the American Chemical Society, 2016, 138, 2102-2105.	6.6	28
57	A chip-integrated highly variable thermal flow rate sensor. Sensors and Actuators B: Chemical, 2016, 225, 42-49.	4.0	19
58	Chipâ€based Freiflusselektrophorese mit integrierter Nanosprayâ€Massenspektrometrieâ€Kopplung. Angewandte Chemie, 2015, 127, 2805-2809.	1.6	2
59	Twoâ€photon excitation in chip electrophoresis enabling labelâ€free fluorescence detection in nonâ€UV transparent fullâ€body polymer chips. Electrophoresis, 2015, 36, 2976-2982.	1.3	10
60	Fast electrically assisted regeneration of on-chip SERS substrates. Lab on A Chip, 2015, 15, 2923-2927.	3.1	28
61	Chipâ€Based Freeâ€Flow Electrophoresis with Integrated Nanospray Massâ€Spectrometry. Angewandte Chemie - International Edition, 2015, 54, 2766-2770.	7.2	54
62	On-chip monitoring of chemical syntheses in microdroplets via surface-enhanced Raman spectroscopy. Chemical Communications, 2015, 51, 8588-8591.	2.2	39
63	Chip-Based High-Performance Liquid Chromatography for High-Speed Enantioseparations. Analytical Chemistry, 2015, 87, 5568-5576.	3.2	67
64	Rapid prototyping of microfluidic chips for dead-volume-free MS coupling. Analytical and Bioanalytical Chemistry, 2015, 407, 8735-8743.	1.9	9
65	Surface modification of <scp>PDMS</scp> microfluidic devices by controlled sulfuric acid treatment and the application in chip electrophoresis. Electrophoresis, 2015, 36, 449-456.	1.3	23
66	An integrated microfluidic chip enabling control and spatially resolved monitoring of temperature in micro flow reactors. Analytical and Bioanalytical Chemistry, 2015, 407, 387-396.	1.9	24
67	Improving sensitivity in microchip electrophoresis coupled to ESIâ€MS/MS on the example of a cardiac drug mixture. Electrophoresis, 2014, 35, 1880-1886.	1.3	18
68	A low pressure on-chip injection strategy for high-performance chip-based chromatography. Journal of Chromatography A, 2014, 1340, 59-67.	1.8	32
69	High-performance liquid chromatography on glass chips using precisely defined porous polymer monoliths as particle retaining elements. Journal of Chromatography A, 2014, 1370, 33-39.	1.8	45
70	Phase-optimized chip-based liquid chromatography. Analytical and Bioanalytical Chemistry, 2014, 406, 6599-6606.	1.9	11
71	Rapid Prototyping of Electrochromatography Chips for Improved Two-Photon Excited Fluorescence Detection. Analytical Chemistry, 2014, 86, 3773-3779.	3.2	16
72	Towards an integrated device that utilizes adherent cells in a micro-free-flow electrophoresis chip to achieve separation and biosensing. Analytical and Bioanalytical Chemistry, 2013, 405, 5381-5386.	1.9	12

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73	Crossing the Border towards Deep UV Time-Resolved Microscopy of Native Fluophores. Biophysical Journal, 2013, 104, 667a.	0.2	1
74	Integrating continuous microflow reactions with subsequent micropreparative separations on a single microfluidic chip. Chemical Communications, 2013, 49, 11644.	2.2	28
75	Microfluidic free-flow electrophoresis chips with an integrated fluorescent sensor layer for real time pH imaging in isoelectric focusing. Chemical Communications, 2013, 49, 904-906.	2.2	45
76	Proteinâ€“protein interaction analysis in single microfluidic droplets using FRET and fluorescence lifetime detection. Lab on A Chip, 2013, 13, 2808.	3.1	32
77	Label-Free Fluorescence Detection of Aromatic Compounds in Chip Electrophoresis Applying Two-Photon Excitation and Time-Correlated Single-Photon Counting. Analytical Chemistry, 2013, 85, 8150-8157.	3.2	15
78	Micro flow reactor chips with integrated luminescent chemosensors for spatially resolved on-line chemical reaction monitoring. Lab on A Chip, 2013, 13, 4134.	3.1	25
79	Chip-based separation devices coupled to mass spectrometry. Current Opinion in Chemical Biology, 2012, 16, 453-459.	2.8	59
80	Micro free-flow electrophoresis with injection molded chips. RSC Advances, 2012, 2, 520-525.	1.7	38
81	Label-free real-time imaging in microchip free-flow electrophoresis applying high speed deep UV fluorescence scanning. Lab on A Chip, 2012, 12, 458-463.	3.1	32
82	Monitoring Onâ€Chip Pictetâ€“Spengler Reactions by Integrated Analytical Separation and Labelâ€Free Timeâ€Resolved Fluorescence. Chemistry - A European Journal, 2012, 18, 1240-1246.	1.7	27
83	Poly(ethylene glycol)â€coated microfluidic devices for chip electrophoresis. Electrophoresis, 2012, 33, 370-378.	1.3	24
84	Microfluidic chips for chirality exploration. Analytical Chemistry, 2011, 83, 3232-3238.	3.2	29
85	PDMS free-flow electrophoresis chips with integrated partitioning bars for bubble segregation. Lab on A Chip, 2011, 11, 309-314.	3.1	55
86	Free-flow electrophoresis with electrode-less injection molded chips. Proceedings of SPIE, 2011, , .	0.8	2
87	Chip electrophoresis of active banana ingredients with label-free detection utilizing deep UV native fluorescence and mass spectrometry. Analytical and Bioanalytical Chemistry, 2011, 399, 1853-1857.	1.9	34
88	Multistep liquid-phase lithography for fast prototyping of microfluidic free-flow-electrophoresis chips. Analytical and Bioanalytical Chemistry, 2011, 401, 2651-2656.	1.9	35
89	Rapid quantitative determination of ephedra alkaloids in tablet formulations and human urine by microchip electrophoresis. Electrophoresis, 2011, 32, 440-447.	1.3	15
90	Labelâ€free analysis in chip electrophoresis applying deep UV fluorescence lifetime detection. Electrophoresis, 2011, 32, 3108-3114.	1.3	15

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91	Asymmetric Organocatalysis and Analysis on a Single Microfluidic Nanospray Chip. Angewandte Chemie - International Edition, 2011, 50, 9467-9470.	7.2	83
92	A new weakly basic aminoâ€reactive fluorescent label for use in isoelectric focusing and chip electrophoresis. Electrophoresis, 2010, 31, 2749-2753.	1.3	8
93	An integrated onâ€chip sirtuin assay. Electrophoresis, 2010, 31, 3263-3267.	1.3	12
94	Screening in One Sweep using the Slipchip. Angewandte Chemie - International Edition, 2010, 49, 6484-6486.	7.2	4
95	Chip electrophoresis with mass spectrometric detection in record speed. Lab on A Chip, 2010, 10, 1227.	3.1	37
96	Progress in microchip enantioseparations. Electrophoresis, 2009, 30, 2765-2772.	1.3	39
97	Towards an Integrated Chemical Circuit. Angewandte Chemie - International Edition, 2009, 48, 3736-3737.	7.2	40
98	New diode laser-excitable green fluorescent label and its application to detection of bovine serum albumin via microchip electrophoresis. Mikrochimica Acta, 2009, 166, 183-188.	2.5	10
99	Label-free fluorescence detection in capillary and microchip electrophoresis. Analytical and Bioanalytical Chemistry, 2009, 393, 515-525.	1.9	53
100	Spray Performance of Microfluidic Glass Devices with Integrated Pulled Nanoelectrospray Emitters. Analytical Chemistry, 2009, 81, 7256-7261.	3.2	46
101	Rapid replication of master structures by double casting with PDMS. Lab on A Chip, 2009, 9, 3000.	3.1	79
102	Impact of laser excitation intensity on deep UV fluorescence detection in microchip electrophoresis. Electrophoresis, 2008, 29, 4894-4899.	1.3	20
103	Two-photon excited fluorescence detection at 420 nm for label-free detection of small aromatics and proteins in microchip electrophoresis. Lab on A Chip, 2007, 7, 1841.	3.1	26
104	Microfluidic Glass Chips with an Integrated Nanospray Emitter for Coupling to a Mass Spectrometer. Angewandte Chemie - International Edition, 2007, 46, 4913-4916.	7.2	104
105	Fast quantitative determination of diuretic drugs in tablets and human urine by microchip electrophoresis with native fluorescence detection. Electrophoresis, 2007, 28, 2934-2941.	1.3	19
106	Integrating chemical synthesis and analysis on a chip. Analytical and Bioanalytical Chemistry, 2006, 385, 416-418.	1.9	25
107	Enantioselective Catalysis and Analysis on a Chip. Angewandte Chemie - International Edition, 2006, 45, 2463-2466.	7.2	153
108	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

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109	Coating of powder-blasted channels for high-performance microchip electrophoresis. Electrophoresis, 2006, 27, 3277-3283.	1.3	12
110	Chiral separations in microfluidic devices. , 2006, , 277-295.		2
111	Microfluidics with Droplets. Angewandte Chemie - International Edition, 2005, 44, 3521-3522.	7.2	69
112	Deep UV Laser-Induced Fluorescence Detection of Unlabeled Drugs and Proteins in Microchip Electrophoresis. Analytical Chemistry, 2005, 77, 1325-1329.	3.2	113
113	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. Electrophoresis, 2004, 25, 1901-1906.	1.3	23
114	Subsecond chiral separations on a microchip. Electrophoresis, 2004, 25, 3848-3852.	1.3	79
115	High-speed chiral separations on a microchip with UV detection. Electrophoresis, 2003, 24, 3233-3238.	1.3	75
116	Microchip electrophoresis for chiral separations. Electrophoresis, 2003, 24, 2422-2430.	1.3	82
117	Coated microfluidic devices for improved chiral separations in microchip electrophoresis. Electrophoresis, 2003, 24, 2481-2486.	1.3	31
118	Surface modification in microchip electrophoresis. Electrophoresis, 2003, 24, 3595-3606.	1.3	206
119	Vom DNAâ€Sequencer zum System fÃ¼r die organische Synthese. Nachrichten Aus Der Chemie, 2003, 51, 757-759.	0.0	0
120	Design and performance of a microchip electrophoresis instrument with sensitive variable-wavelength fluorescence detection. Electrophoresis, 2002, 23, 2355.	1.3	37
121	Poly(vinyl alcohol)-coated microfluidic devices for high-performance microchip electrophoresis. Electrophoresis, 2002, 23, 3567-3573.	1.3	44
122	Electrokinetic Effects in Poly(ethylene glycol)-Coated Capillaries Induced by Specific Adsorption of Cations. Langmuir, 2001, 17, 4962-4966.	1.6	22
123	Directed control of electroosmotic flow in nonaqueous electrolytes using poly(ethylene glycol) coated capillaries. Electrophoresis, 2001, 22, 666-672.	1.3	36
124	Cross-linked poly(vinyl alcohol) as permanent hydrophilic column coating for capillary electrophoresis. Electrophoresis, 2001, 22, 3813-3818.	1.3	124
125	Super-High-Throughput Screening of Enantioselective Catalysts by Using Capillary Array Electrophoresis. Angewandte Chemie - International Edition, 2000, 39, 3891-3893.	7.2	198
126	Influence of pH*-value of methanolic electrolytes on electroosmotic flow in hydrophilic coated capillaries. Journal of Chromatography A, 2000, 868, 63-71.	1.8	35

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127	Use of coated capillaries for nonaqueous capillary electrophoresis. Journal of Separation Science, 1999, 11, 209-213.	1.0	24
128	CE/MALDI-MS of Peptides and Low Molecular Weight Drugs Using Non-Volatile Buffers. Journal of High Resolution Chromatography, 1998, 21, 59-62.	2.0	3
129	Analysis of Alkaloids by Capillary Electrophoresis and Capillary Electrophoresis - Electrospray Mass Spectrometry. Alkaloids: Chemical and Biological Perspectives, 1998, , 289-341.	0.2	3
130	Analysis of Rauwolfia Alkaloids Employing Capillary Electrophoresis-Mass Spectrometry. Natural Product Research, 1997, 9, 265-272.	0.4	13
131	General approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis-mass spectrometry. Journal of Chromatography A, 1997, 767, 263-276.	1.8	66
132	Erratum to â€œGeneral approach for the analysis of various alkaloid classes using capillary electrophoresis and capillary electrophoresis-massâ€”spectrometryâ€• [J. Chromatogr. A, 767 (1997) 263â€“276]. Journal of Chromatography A, 1997, 786, 384.	1.8	1
133	Separation and Identification of Basic Dendrimers Using Capillary Electrophoresis On-line Coupled to a Sector Mass Spectrometer. Rapid Communications in Mass Spectrometry, 1996, 10, 521-526.	0.7	40
134	Analysis of basic pharmaceuticals by capillary electrophoresis in coated capillaries and on-line mass spectrometric detection. Journal of Chromatography A, 1996, 752, 271-277.	1.8	30
135	Mixed Valent Nickel and Manganese Oxide Ceramicsâ€”Model Systems with Superconducting Properties?. Journal of Solid State Chemistry, 1995, 116, 355-363.	1.4	25
136	Chiral separations of basic and acidic compounds in modified capillaries using cyclodextrin-modified capillary zone electrophoresis. Journal of Chromatography A, 1994, 666, 351-365.	1.8	56
137	Modification of silica surfaces for CZE by adsorption of non-ionic hydrophilic polymers or use of radial electric fields. Journal of High Resolution Chromatography, 1992, 15, 686-693.	2.0	71
138	Unveiling Organocatalysts Action â€“ Investigating Immobilized Catalysts at Steadyâ€State Operation via Labâ€onâ€aâ€Chip Technology. ChemCatChem, 0, , .	1.8	4
139	Quantification of Biocatalytic Transformations by Single Microbial Cells Enabled by Tailored Integration of Droplet Microfluidics and Mass Spectrometry. Angewandte Chemie, 0, , .	1.6	0
140	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