

Herbert Oberacher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

3,969
citations

34
h-index

56
g-index

139
ext. papers

4,486
ext. citations

5.6
avg, IF

5.41
L-index

#	Paper	IF	Citations
134	In silico deconjugation of glucuronide conjugates enhances tandem mass spectra library annotation of human samples.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 414, 2629	4.4	0
133	Stability evaluation of morphine, hydromorphone, metamizole and esketamine containing analgesic mixtures applied for patient-controlled analgesia in hospice and palliative care.. <i>Biomedical Chromatography</i> , 2022 , e5340	1.7	0
132	Human Tissue Distribution of Caspofungin.. <i>International Journal of Antimicrobial Agents</i> , 2022 , 106553	14.3	0
131	Tofacitinib-Induced Modulation of Intestinal Adaptive and Innate Immunity and Factors Driving Cellular and Systemic Pharmacokinetics. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 ,	7.9	1
130	Towards harmonised criteria in quality assurance and quality control of suspect and non-target LC-HRMS analytical workflows for screening of emerging contaminants in human biomonitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 136, 116201	14.6	13
129	Penetration of echinocandins into wound secretion of critically ill patients. <i>Infection</i> , 2021 , 49, 747-755	5.8	2
128	Plasma phosphatidylcholines and vitamin B12/folate levels are possible prognostic biomarkers for progression of Alzheimer's disease. <i>Experimental Gerontology</i> , 2021 , 147, 111264	4.5	3
127	Pharmacokinetics and Antifungal Activity of Echinocandins in Ascites Fluid of Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0256520	5.9	1
126	Serum Concentration of the Phytohormone Abscisic Acid Is Associated With Immune-Regulatory Mediators and Is a Potential Biomarker of Disease Severity in Chronic Obstructive Pulmonary Disease. <i>Frontiers in Medicine</i> , 2021 , 8, 676058	4.9	3
125	A preliminary study on the detection of potential contaminants in the European brown hare (<i>Lepus europaeus</i>) by suspect and microplastics screening. <i>Environmental Advances</i> , 2021 , 4, 100045	3.5	3
124	Monitoring drug consumption in Innsbruck during coronavirus disease 2019 (COVID-19) lockdown by wastewater analysis. <i>Science of the Total Environment</i> , 2021 , 757, 144006	10.2	32
123	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021 , 199, 117167	12.5	24
122	Analysis of cannabis seizures by non-targeted liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 205, 114313	3.5	1
121	Platelet and Plasma Phosphatidylcholines as Biomarkers to Diagnose Cerebral Amyloid Angiopathy. <i>Frontiers in Neurology</i> , 2020 , 11, 359	4.1	3
120	Acute and Chronic Mental Stress Both Influence Levels of Neurotransmitter Precursor Amino Acids and Derived Biogenic Amines. <i>Brain Sciences</i> , 2020 , 10,	3.4	2
119	Time Course of Metabolomic Alterations in Cerebrospinal Fluid After Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2020 , 11, 589	4.1	3
118	Targeting NAD immunometabolism limits severe graft-versus-host disease and has potent antileukemic activity. <i>Leukemia</i> , 2020 , 34, 1885-1897	10.7	9

117	Suspect and non-targeted screening of chemicals of emerging concern for human biomonitoring, environmental health studies and support to risk assessment: From promises to challenges and harmonisation issues. <i>Environment International</i> , 2020 , 139, 105545	12.9	66
116	A European proposal for quality control and quality assurance of tandem mass spectral libraries. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	32
115	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020 , 115, 109-120	4.6	88
114	Quantification of anidulafungin and micafungin in human body fluids by high performance-liquid chromatography with UV-detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1139, 121937	3.2	6
113	Second-generation immunomodulatory drugs in leptomeningeal myeloma. <i>Leukemia and Lymphoma</i> , 2019 , 60, 550-552	1.9	1
112	Cerebrospinal Fluid Drug Concentrations and Clinical Outcome of Patients with Neoplastic Meningitis Treated with Liposomal Cytarabine. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019 , 44, 845-851	2.7	2
111	Acyl-Alkyl-Phosphatidylcholines are Decreased in Saliva of Patients with Alzheimer's Disease as Identified by Targeted Metabolomics. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 583-589	4.3	9
110	Immune and Neuroendocrine Trait and State Markers in Psychotic Illness: Decreased Kynurenines Marking Psychotic Exacerbations. <i>Frontiers in Immunology</i> , 2019 , 10, 2971	8.4	15
109	Modulation of Respiration and Mitochondrial Dynamics by SMAC-Mimetics for Combination Therapy in Chemoresistant Cancer. <i>Theranostics</i> , 2019 , 9, 4909-4922	12.1	9
108	State-associated changes in longitudinal [F]-PBR111 TSPO PET imaging of psychosis patients: Evidence for the accelerated ageing hypothesis?. <i>Brain, Behavior, and Immunity</i> , 2019 , 77, 46-54	16.6	24
107	Pomalidomide in primary intraocular lymphoma. <i>Leukemia and Lymphoma</i> , 2019 , 60, 1584-1586	1.9	0
106	A validated workflow for drug detection in oral fluid by non-targeted liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 867-876	4.4	18
105	A validated liquid chromatography-high resolution-tandem mass spectrometry method for the simultaneous quantitation of tryptophan, kynurenine, kynurenic acid, and quinolinic acid in human plasma. <i>Electrophoresis</i> , 2018 , 39, 1171-1180	3.6	12
104	Impact of different hydrophobic ion pairs of octreotide on its oral bioavailability in pigs. <i>Journal of Controlled Release</i> , 2018 , 273, 21-29	11.7	44
103	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 34-43	14.6	62
102	NAD metabolism fuels human and mouse intestinal inflammation. <i>Gut</i> , 2018 , 67, 1813-1823	19.2	56
101	Succinate Accumulation Is Associated with a Shift of Mitochondrial Respiratory Control and HIF-1 β Upregulation in PTEN Negative Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	11
100	Annotating Nontargeted LC-HRMS/MS Data with Two Complementary Tandem Mass Spectral Libraries. <i>Metabolites</i> , 2018 , 9,	5.6	15

99	Analytical Validation of a Portable Mass Spectrometer Featuring Interchangeable, Ambient Ionization Sources for High Throughput Forensic Evidence Screening. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1048-1059	3.5	77
98	Lower Affinity of Isradipine for L-Type Ca Channels during Substantia Nigra Dopamine Neuron-Like Activity: Implications for Neuroprotection in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2017 , 37, 6761-6777	6.6	47
97	Targeted Metabolomic Analysis of Soluble Lysates from Platelets of Patients with Mild Cognitive Impairment and Alzheimer's Disease Compared to Healthy Controls: Is PC aeC40:4 a Promising Diagnostic Tool?. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 493-504	4.3	14
96	Implementing liquid biopsies into clinical decision making for cancer immunotherapy. <i>Oncotarget</i> , 2017 , 8, 48507-48520	3.3	52
95	Metabolomic profiling of ascending thoracic aortic aneurysms and dissections - Implications for pathophysiology and biomarker discovery. <i>PLoS ONE</i> , 2017 , 12, e0176727	3.7	15
94	4-Aminoquinoline monohydrate polymorphism: Prediction and impurity aided discovery of a difficult to access stable form. <i>CrystEngComm</i> , 2016 , 18, 4053-4067	3.3	31
93	Formation of a highly-ordered rigid multichromophoric 3D supramolecular network by combining ionic and coordination-driven self-assembly. <i>Chemical Communications</i> , 2016 , 52, 3388-91	5.8	19
92	Current status of non-targeted liquid chromatography-tandem mass spectrometry in forensic toxicology. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 84, 94-105	14.6	24
91	Successful adaptation of a forensic toxicological screening workflow employing nontargeted liquid chromatography-tandem mass spectrometry to water analysis. <i>Electrophoresis</i> , 2016 , 37, 1085-94	3.6	8
90	Leoligin, the major lignan from Edelweiss, inhibits 3-hydroxy-3-methyl-glutaryl-CoA reductase and reduces cholesterol levels in ApoE ^{-/-} mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 99, 35-46	5.8	16
89	Energy transfer within self-assembled cyclic multichromophoric arrays based on orthogonally arranged donor-acceptor building blocks. <i>Faraday Discussions</i> , 2015 , 185, 433-54	3.6	16
88	Combining a portable, tandem mass spectrometer with automated library searching: An important step towards streamlined, on-site identification of forensic evidence. <i>Analytical Methods</i> , 2015 , 7, 3331-3339	3.2	32
87	Mechanistic aspects of nucleic-acid oxidation studied with electrochemistry-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 70, 100-111	14.6	5
86	CYP2C19 Phenoconversion by Routinely Prescribed Proton Pump Inhibitors Omeprazole and Esomeprazole: Clinical Implications for Personalized Medicine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 426-30	4.7	20
85	Applying Sequential Windowed Acquisition of All Theoretical Fragment Ion Mass Spectra (SWATH) for systematic toxicological analysis with liquid chromatography-high-resolution tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 405-14	4.4	93
84	Mass spectrometric methods for monitoring redox processes in electrochemical cells. <i>Mass Spectrometry Reviews</i> , 2015 , 34, 64-92	11	49
83	Compound identification in forensic toxicological analysis with untargeted LC-MS-based techniques. <i>Bioanalysis</i> , 2015 , 7, 2825-40	2.1	21
82	Comparison of mobile-phase systems commonly applied in liquid chromatography-mass spectrometry of nucleic acids. <i>Electrophoresis</i> , 2014 , 35, 1226-35	3.6	23

81	Getting the whole picture: adding patient-reported outcomes to adjuvant endocrine treatment evaluation in premenopausal breast cancer patients. <i>Breast Journal</i> , 2014 , 20, 555-7	1.2	4
80	Does obesity interfere with anastrozole treatment? Positive association between body mass index and anastrozole plasma levels. <i>Clinical Breast Cancer</i> , 2014 , 14, 291-6	3	10
79	Studying the reducing potencies of antioxidants with the electrochemistry inherently present in electrospray ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 213-24	4.4	9
78	Detection and identification of drugs and toxicants in human body fluids by liquid chromatography-tandem mass spectrometry under data-dependent acquisition control and automated database search. <i>Analytica Chimica Acta</i> , 2013 , 770, 121-31	6.6	30
77	Testing an alternative search algorithm for compound identification with the Wiley Registry of Tandem Mass Spectral Data, MSforIDS <i>Journal of Mass Spectrometry</i> , 2013 , 48, 497-504	2.2	15
76	Evaluation of the sensitivity of the Wiley registry of tandem mass spectral data, MSforIDS with MS/MS data of the NIST/NIH/EPA mass spectral library <i>Journal of Mass Spectrometry</i> , 2013 , 48, 487-96	2.2	34
75	Applying Tandem Mass Spectral Libraries for Solving the Critical Assessment of Small Molecule Identification (CASMI) LC/MS Challenge 2012. <i>Metabolites</i> , 2013 , 3, 312-24	5.6	14
74	Association of polymorphisms in pharmacogenetic candidate genes (OPRD1, GAL, ABCB1, OPRM1) with opioid dependence in European population: a case-control study. <i>PLoS ONE</i> , 2013 , 8, e75359	3.7	48
73	On the inter-instrument and the inter-laboratory transferability of a tandem mass spectral reference library. 3. Focus on ion trap and upfront CID. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 263-70	2.2	32
72	Formation and characterization of covalent guanosine adducts with electrochemistry-liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 883-884, 198-204	3.2	15
71	Adherence evaluation of endocrine treatment in breast cancer: methodological aspects. <i>BMC Cancer</i> , 2012 , 12, 474	4.8	23
70	Pasture names with Romance and Slavic roots facilitate dissection of Y chromosome variation in an exclusively German-speaking alpine region. <i>PLoS ONE</i> , 2012 , 7, e41885	3.7	17
69	Phosphorothioate oligonucleotide quantification by liquid chromatography-mass spectrometry. <i>AAPS Journal</i> , 2012 , 14, 728-37	3.7	25
68	A novel amplification strategy for genotyping with liquid chromatography-electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2012 , 137, 5325-33	5	3
67	Ascorbic acid for homogenous redox buffering in electrospray ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 1571-9	4.4	20
66	Evaluation of the performance of a tandem mass spectral library with mass spectral data extracted from literature. <i>Drug Testing and Analysis</i> , 2012 , 4, 235-41	3.5	19
65	An optimized electrochemistry-liquid chromatography-mass spectrometry method for studying guanosine oxidation. <i>Electrophoresis</i> , 2012 , 33, 614-21	3.6	20
64	Is the toxicity of adjuvant aromatase inhibitor therapy underestimated? Complementary information from patient-reported outcomes (PROs). <i>Breast Cancer Research and Treatment</i> , 2011 , 128, 553-61	4.4	52

63	CYP2D6 genotyping by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2361-70	4.4	17
62	Quality evaluation of tandem mass spectral libraries. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2641-8	4.4	35
61	Tandem mass spectrometric de novo sequencing of oligonucleotides using simulated annealing for stochastic optimization. <i>International Journal of Mass Spectrometry</i> , 2011 , 304, 124-129	1.9	9
60	Impact of solvent conditions on separation and detection of basic drugs by micro liquid chromatography-mass spectrometry under overloading conditions. <i>Journal of Chromatography A</i> , 2011 , 1218, 3413-22	4.5	21
59	Influence of serotonin transporter genotype and catechol-O-methyltransferase Val158Met polymorphism on recognition of emotional faces. <i>Journal of the International Neuropsychological Society</i> , 2011 , 17, 1014-20	3.1	15
58	CYP2D6 genotyping in breast cancer patients by liquid chromatography-electrospray ionization mass spectrometry. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011 , 6, 247-53	1.3	
57	Electrochemical simulation of oxidation processes involving nucleic acids monitored with electrospray ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 1203-15	4.4	28
56	Frontiers of mass spectrometry in nucleic acids analysis. <i>European Journal of Mass Spectrometry</i> , 2010 , 16, 351-65	1.1	11
55	Development and validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous quantification of tamoxifen, anastrozole, and letrozole in human plasma and its application to a clinical study. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1791-800	4.4	38
54	Increasing the discrimination power of forensic STR testing by employing high-performance mass spectrometry, as illustrated in indigenous South African and Central Asian populations. <i>International Journal of Legal Medicine</i> , 2010 , 124, 551-8	3.1	27
53	Comprehensive identification of active compounds in tablets by flow-injection data-dependent tandem mass spectrometry combined with library search. <i>Forensic Science International</i> , 2010 , 197, 40-7	2.6	28
52	A fatal intoxication case involving topiramate. <i>Forensic Science International</i> , 2010 , 202, e9-11	2.6	6
51	On the inter-instrument and the inter-laboratory transferability of a tandem mass spectral reference library: 2. Optimization and characterization of the search algorithm. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 494-502	2.2	82
50	On the inter-instrument and inter-laboratory transferability of a tandem mass spectral reference library: 1. Results of an Austrian multicenter study. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 485-93	2.2	92
49	On the use of ESI-QqTOF-MS/MS for the comparative sequencing of nucleic acids. <i>Biopolymers</i> , 2009 , 91, 401-9	2.2	16
48	Metabolic studies of tetrazepam based on electrochemical simulation in comparison to in vivo and in vitro methods. <i>Journal of Chromatography A</i> , 2009 , 1216, 3192-8	4.5	64
47	On the use of different mass spectrometric techniques for characterization of sequence variability in genomic DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 135-49	4.4	32
46	Unraveling the metabolic transformation of tetrazepam to diazepam with mass spectrometric methods. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 392, 1299-308	4.4	13

45	Increased forensic efficiency of DNA fingerprints through simultaneous resolution of length and nucleotide variability by high-performance mass spectrometry. <i>Human Mutation</i> , 2008 , 29, 427-32	4.7	31
44	The next generation of DNA profiling--STR typing by multiplexed PCR--ion-pair RP LC-ESI time-of-flight MS. <i>Electrophoresis</i> , 2008 , 29, 4739-50	3.6	20
43	Differential effect of catechol-O-methyltransferase Val158Met genotype on emotional recognition abilities in healthy men and women. <i>Journal of the International Neuropsychological Society</i> , 2007 , 13, 881-7	3.1	38
42	Forensic DNA fingerprinting by liquid chromatography-electrospray ionization mass spectrometry. <i>BioTechniques</i> , 2007 , 43, vii-xiii	2.5	14
41	Liquid chromatography-electrospray ionization mass spectrometry for simultaneous detection of mtDNA length and nucleotide polymorphisms. <i>International Journal of Legal Medicine</i> , 2007 , 121, 57-67	3.1	21
40	Accurate determination of allelic frequencies in mitochondrial DNA mixtures by electrospray ionization time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 384, 1155-63	4.4	15
39	Direct molecular haplotyping of multiple polymorphisms within exon 4 of the human catechol-O-methyltransferase gene by liquid chromatography-electrospray ionization time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 83-91	4.4	11
38	Combined use of ESI-QqTOF-MS and ESI-QqTOF-MS/MS with mass-spectral library search for qualitative analysis of drugs. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 69-82	4.4	73
37	Glycosylation patterns of human chorionic gonadotropin revealed by liquid chromatography-mass spectrometry and bioinformatics. <i>Electrophoresis</i> , 2006 , 27, 2734-46	3.6	29
36	Profiling 627 mitochondrial nucleotides via the analysis of a 23-plex polymerase chain reaction by liquid chromatography-electrospray ionization time-of-flight mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 7816-27	7.8	24
35	Highly efficient semi-quantitative genotyping of single nucleotide polymorphisms in mitochondrial DNA mixtures by liquid chromatography electrospray ionization time-of-flight mass spectrometry. <i>International Congress Series</i> , 2006 , 1288, 10-12		
34	Some guidelines for the analysis of genomic DNA by PCR-LC-ESI-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2006 , 17, 124-9	3.5	16
33	Detection of DNA sequence variations in homo- and heterozygous samples via molecular mass measurements by electrospray ionization time-of-flight mass spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 4999-5008	7.8	36
32	Analysis of biological and synthetic ribonucleic acids by liquid chromatography-mass spectrometry using monolithic capillary columns. <i>Analytical Chemistry</i> , 2005 , 77, 673-80	7.8	56
31	Liquid Chromatography-Mass Spectrometry of Nucleic Acids 2005 , 347-373		
30	Separation, detection, and identification of peptides by ion-pair reversed-phase high-performance liquid chromatography-electrospray ionization mass spectrometry at high and low pH. <i>Journal of Chromatography A</i> , 2005 , 1079, 274-86	4.5	88
29	Characterization of synthetic nucleic acids by electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 932-45	2.2	42
28	Separate analysis of DYS385a and b versus conventional DYS385 typing: is there forensic relevance?. <i>International Journal of Legal Medicine</i> , 2005 , 119, 1-9	3.1	16

27	Characterization of some physical and chromatographic properties of monolithic poly(styrene-co-divinylbenzene) columns. <i>Journal of Chromatography A</i> , 2004 , 1030, 201-8	4.5	102
26	Duplications of the Y-chromosome specific loci P25 and 92R7 and forensic implications. <i>Forensic Science International</i> , 2004 , 140, 241-50	2.6	22
25	Automated de novo sequencing of nucleic acids by liquid chromatography-tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 32-42	3.5	32
24	Applicability of tandem mass spectrometry to the automated comparative sequencing of long-chain oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 510-22	3.5	24
23	Optimized suppression of adducts in polymerase chain reaction products for semi-quantitative SNP genotyping by liquid chromatography-mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 1897-906	3.5	25
22	Evaluation of the forensic usefulness of the separate analysis of DYS385a and DYS385b in an Austrian population sample. <i>International Congress Series</i> , 2004 , 1261, 360-362		3
21	Nucleic Acid Analysis. <i>Journal of Chromatography Library</i> , 2003 , 67, 417-456		
20	Genotyping of single nucleotide polymorphisms by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 292-4	4.4	5
19	Mutation scanning by ion-pair reversed-phase high-performance liquid chromatography-electrospray ionization mass spectrometry (ICEMS). <i>Human Mutation</i> , 2003 , 21, 86-95	4.7	22
18	Effect of instrument tuning on the detectability of biopolymers in electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 108-16	2.2	30
17	Single nucleotide polymorphism genotyping by on-line liquid chromatography-mass spectrometry in forensic science of the Y-chromosomal locus M9. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 782, 89-97	3.2	26
16	Capillary monoliths for the analysis of nucleic acids by high-performance liquid chromatography-electrospray ionization mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2002 , 21, 166-174	14.6	87
15	Monolithic capillary columns for liquid chromatography-electrospray ionization mass spectrometry in proteomic and genomic research. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 782, 111-25	3.2	75
14	Capillary array high-performance liquid chromatography of nucleic acids and proteins. <i>Analytical Chemistry</i> , 2002 , 74, 4688-93	7.8	24
13	Comparative sequencing of nucleic acids by liquid chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2002 , 74, 211-8	7.8	43
12	Multiplex analysis of single-nucleotide extension products on a 16-capillary, denaturing, high-performance liquid chromatography array. <i>Genomics</i> , 2002 , 79, 793-8	4.3	17
11	Analysis of nucleic acids by on-line liquid chromatography-mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2001 , 20, 310-43	11	125
10	Online-Flüssigchromatographie-Massenspektrometrie: ein nützliches Werkzeug zur Detektion von Variationen in DNA-Sequenzen. <i>Angewandte Chemie</i> , 2001 , 113, 3945-3948	3.6	1

9	On-Line Liquid Chromatography Mass Spectrometry: A Useful Tool for the Detection of DNA Sequence Variation. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3828-3830	16.4	48
8	High-performance liquid chromatography-electrospray ionization mass spectrometry using monolithic capillary columns for proteomic studies. <i>Analytical Chemistry</i> , 2001 , 73, 2390-6	7.8	194
7	Mutation detection by capillary denaturing high-performance liquid chromatography using monolithic columns. <i>Journal of Proteomics</i> , 2001 , 47, 5-19		48
6	Analysis of polymerase chain reaction products by on-line liquid chromatography-mass spectrometry for genotyping of polymorphic short tandem repeat loci. <i>Analytical Chemistry</i> , 2001 , 73, 5109-15	7.8	86
5	Temperature-modulated array high-performance liquid chromatography. <i>Genome Research</i> , 2001 , 11, 1944-51	9.7	21
4	On-Line Liquid Chromatography Mass Spectrometry: A Useful Tool for the Detection of DNA Sequence Variation This work was financially supported by the Austrian Science Fund (P-14133-PHY) and the National Institutes of Health (HG01932). The suggestion of Dr. Jeff van Ness	16.4	6
3	Preparation and evaluation of packed capillary columns for the separation of nucleic acids by ion-pair reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000 , 893, 23-35	4.5	47
2	High-performance liquid chromatography-electrospray ionization mass spectrometry of single- and double-stranded nucleic acids using monolithic capillary columns. <i>Analytical Chemistry</i> , 2000 , 72, 4386-93	7.8	265
1	Wastewater surveillance of SARS-CoV-2 in Austria: development, implementation, and operation of the Tyrolean wastewater monitoring program. <i>Journal of Water and Health</i> ,	2.2	1