

Ian D Wilson

List of Publications by Year in descending order

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392
papers

31,355
citations

7568

77
h-index

5394

164
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411
all docs

411
docs citations

411
times ranked

26407
citing authors

#	ARTICLE	IF	CITATIONS
1	Is Current Practice Adhering to Guidelines Proposed for Metabolite Identification in LC-MS Untargeted Metabolomics? A Meta-Analysis of the Literature. <i>Journal of Proteome Research</i> , 2022, 21, 590-598.	3.7	15
2	Application of a hybrid zwitterionic hydrophilic interaction liquid chromatography column in metabolic profiling studies. <i>Journal of Chromatography A</i> , 2022, 1672, 463013.	3.7	8
3	Access to the Phospho-proteome via the Mitigation of Peptide-Metal Interactions. <i>Journal of Chromatography A</i> , 2022, 1673, 463024.	3.7	6
4	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
5	Application of hybrid surface technology for improving sensitivity and peak shape of phosphorylated lipids such as phosphatidic acid and phosphatidylserine. <i>Journal of Chromatography A</i> , 2022, 1669, 462921.	3.7	7
6	High Throughput UHPLC-MS-Based Lipidomics Using Vacuum Jacketed Columns. <i>Journal of Proteome Research</i> , 2022, 21, 691-701.	3.7	4
7	Ion-Pairing Chromatography and Amine Derivatization Provide Complementary Approaches for the Targeted LC-MS Analysis of the Polar Metabolome. <i>Journal of Proteome Research</i> , 2022, 21, 1428-1437.	3.7	5
8	High performance Reversed-Phase Thin-Layer Chromatography-Desorption electrospray ionisation - time of flight high resolution mass spectrometric detection and imaging (HPTLC/DESI/ToFMS) of phytoecdysteroids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1200, 123265.	2.3	7
9	Evaluation of hybrid surface technology for the analysis of the B-group vitamins by LC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1204, 123336.	2.3	8
10	Rapid determination of the pharmacokinetics and metabolic fate of gefitinib in the mouse using a combination of UPLC/MS/MS, UPLC/QToF/MS, and ion mobility (IM)-enabled UPLC/QToF/MS. <i>Xenobiotica</i> , 2021, 51, 434-446.	1.1	8
11	Sensitive and Reproducible Mass Spectrometry-Compatible RP-UHPLC Analysis of Tricarboxylic Acid Cycle and Related Metabolites in Biological Fluids: Application to Human Urine. <i>Analytical Chemistry</i> , 2021, 93, 1009-1015.	6.5	21
12	Ultra high-performance liquid chromatography method development for separation of formoterol, budesonide, and related substances using an analytical quality by design approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113729.	2.8	11
13	State-of-the-art in LC-MS Approaches for Probing the Polar Metabolome. <i>New Developments in Mass Spectrometry</i> , 2021, , 1-26.	0.2	2
14	A targeted ultra performance liquid chromatography Tandem mass spectrometric assay for tyrosine and metabolites in urine and plasma: Application to the effects of antibiotics on mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1164, 122511.	2.3	7
15	A perspective on the standards describing mass spectrometry-based metabolic phenotyping (metabolomics/metabonomics) studies in publications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1164, 122515.	2.3	14
16	Quantification of endogenous aminoacids and aminoacid derivatives in urine by hydrophilic interaction liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1642, 462005.	3.7	14
17	Use of Cyclic Ion Mobility Spectrometry (cIM)-Mass Spectrometry to Study the Intramolecular Transacylation of Diclofenac Acyl Glucuronide. <i>Analytical Chemistry</i> , 2021, 93, 7413-7421.	6.5	13
18	Hybrid organic/inorganic hybrid surface technology for increasing the performance of LC/MS(MS)-based drug metabolite identification studies: Application to gefitinib and metabolites in mouse plasma and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 200, 114076.	2.8	6

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19	Dysregulation of the Lysophosphatidylcholine/Autotaxin/Lysophosphatidic Acid Axis in Acute and Chronic Liver Failure Is Associated With Mortality and Systemic Inflammation by Lysophosphatidic Acid-Dependent Monocyte Activation. <i>Hepatology</i> , 2021, 74, 907-925.	7.3	28
20	The Pharmacokinetics of Gefitinib after Intravenous Administration to Mice: A Preliminary UPLC-MS Study. <i>Metabolites</i> , 2021, 11, 379.	2.9	6
21	High-Throughput UHPLC/MS/MS-Based Metabolic Profiling Using a Vacuum Jacketed Column. <i>Analytical Chemistry</i> , 2021, 93, 10644-10652.	6.5	10
22	Proteomic consequences of the deletion of cytochrome P450 (CYP450) reductase in mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122803.	2.3	1
23	Improving LC/MS/MS-based bioanalytical method performance and sensitivity via a hybrid surface barrier to mitigate analyte-Metal surface interactions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122825.	2.3	8
24	High-Throughput Microbore Ultrahigh-Performance Liquid Chromatography-Ion Mobility-Enabled-Mass Spectrometry-Based Proteomics Methodology for the Exploratory Analysis of Serum Samples from Large Cohort Studies. <i>Journal of Proteome Research</i> , 2021, 20, 1705-1715.	3.7	9
25	Rapid profiling method for the analysis of lipids in human plasma using ion mobility enabled-reversed phase-ultra high performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1611, 460597.	3.7	21
26	Liquid chromatographic methods combined with mass spectrometry in metabolomics. , 2020, , 149-169.		2
27	Acyl glucuronide reactivity in perspective. <i>Drug Discovery Today</i> , 2020, 25, 1639-1650.	6.4	21
28	Metabolic Phenotyping Study of Mouse Brains Following Acute or Chronic Exposures to Ethanol. <i>Journal of Proteome Research</i> , 2020, 19, 4071-4081.	3.7	11
29	The analysis of acetaminophen (paracetamol) and seven metabolites in rat, pig and human plasma by U(H)PLC-MS. <i>Bioanalysis</i> , 2020, 12, 485-500.	1.5	3
30	Metabolic Phenotyping Using UPLC-MS and Rapid Microbore UPLC-MS: Determination of the Effect of Different Dietary Regimes on the Urinary Metabolome of the Rat. <i>Chromatographia</i> , 2020, 83, 853-861.	1.3	6
31	UHPLC-MS-Based Lipidomic and Metabonomic Investigation of the Metabolic Phenotypes of Wild Type and Hepatic CYP Reductase Null (HRN) Mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113318.	2.8	2
32	A Two-Way Interaction between Methotrexate and the Gut Microbiota of Male Sprague-Dawley Rats. <i>Journal of Proteome Research</i> , 2020, 19, 3326-3339.	3.7	35
33	Targeted inhibition of gut bacterial β -glucuronidase activity enhances anticancer drug efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7374-7381.	7.1	121
34	High Performance Thin-Layer Chromatography of Plant Ecdysteroids Coupled with Desorption Electrospray Ionisation-Ion Mobility-Time of Flight High Resolution Mass Spectrometry (HPTLC/DESI/IM/ToFMS). <i>Chromatographia</i> , 2020, 83, 1029-1035.	1.3	12
35	Metabolism and Effects on Endogenous Metabolism of Paracetamol (Acetaminophen) in a Porcine Model of Liver Failure. <i>Toxicological Sciences</i> , 2020, 175, 87-97.	3.1	13
36	Kinetic modelling of acyl glucuronide and glucoside reactivity and development of structure-property relationships. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1389-1401.	2.8	5

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37	Preface. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1128, 121787.	2.3	0
38	Application of a Novel Mass Spectral Data Acquisition Approach to Lipidomic Analysis of Liver Extracts from Sitaxentan-Treated Liver-Humanized PXB Mice. Journal of Proteome Research, 2019, 18, 4055-4064.	3.7	11
39	A comparison of collision cross section values obtained via travelling wave ion mobility-mass spectrometry and ultra high performance liquid chromatography-ion mobility-mass spectrometry: Application to the characterisation of metabolites in rat urine. Journal of Chromatography A, 2019, 1602, 386-396.	3.7	34
40	Development of a rapid profiling method for the analysis of polar analytes in urine using HILIC-MS and ion mobility enabled HILIC-MS. Metabolomics, 2019, 15, 17.	3.0	57
41	Ultrahigh-Performance Liquid Chromatography Tandem Mass Spectrometry with Electrospray Ionization Quantification of Tryptophan Metabolites and Markers of Gut Health in Serum and Plasma Application to Clinical and Epidemiology Cohorts. Analytical Chemistry, 2019, 91, 5207-5216.	6.5	72
42	Medical student wellbeing – a consensus statement from Australia and New Zealand. BMC Medical Education, 2019, 19, 69.	2.4	44
43	Untargeted LC/MS-based metabolic phenotyping (metabonomics/metabolomics): The state of the art. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 136-147.	2.3	106
44	Obesity and Cage Environment Modulate Metabolism in the Zucker Rat: A Multiple Biological Matrix Approach to Characterizing Metabolic Phenomena. Journal of Proteome Research, 2019, 18, 2160-2174.	3.7	6
45	Development of the Australian Ageing Semantic Differential, a new instrument for measuring Australian medical student attitudes towards older people. Australasian Journal on Ageing, 2019, 38, e67-e74.	0.9	3
46	The metabolic fate and effects of 2-Bromophenol in male Sprague-Dawley rats. Xenobiotica, 2019, 49, 1352-1359.	1.1	2
47	A validated UPLC-MS/MS assay for the quantification of amino acids and biogenic amines in rat urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1106-1107, 50-57.	2.3	8
48	An Overview of Metabolic Phenotyping and Its Role in Systems Biology. , 2019, , 1-51.		2
49	Paracetamol metabolism, hepatotoxicity, biomarkers and therapeutic interventions: a perspective. Toxicology Research, 2018, 7, 347-357.	2.1	70
50	Metabolic Profiling: Status, Challenges, and Perspective. Methods in Molecular Biology, 2018, 1738, 3-13.	0.9	8
51	Quality Control and Validation Issues in LC-MS Metabolomics. Methods in Molecular Biology, 2018, 1738, 15-26.	0.9	28
52	Metabolic Hydrolysis of Aromatic Amides in Selected Rat, Minipig, and Human In Vitro Systems. Scientific Reports, 2018, 8, 2405.	3.3	15
53	Understanding Australian medical student attitudes towards older people. Australasian Journal on Ageing, 2018, 37, 93-98.	0.9	8
54	The pharmacokinetics and metabolism of diclofenac in chimeric humanized and murinized FRG mice. Archives of Toxicology, 2018, 92, 1953-1967.	4.2	9

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55	Capillary ultra performance liquid chromatography-tandem mass spectrometry analysis of tienilic acid metabolites in urine following intravenous administration to the rat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1087-1088, 142-148.	2.3	4
56	MerTK expressing hepatic macrophages promote the resolution of inflammation in acute liver failure. <i>Gut</i> , 2018, 67, 333-347.	12.1	150
57	The impact of their role on telephone crisis support workers' psychological wellbeing and functioning: Quantitative findings from a mixed methods investigation. <i>PLoS ONE</i> , 2018, 13, e0207645.	2.5	7
58	Metabolomics: An Analytical Perspective. , 2018, , 82-82.		1
59	Changing medical student attitudes to patient safety: a multicentre study. <i>BMC Medical Education</i> , 2018, 18, 205.	2.4	12
60	Guidelines and considerations for the use of system suitability and quality control samples in mass spectrometry assays applied in untargeted clinical metabolomic studies. <i>Metabolomics</i> , 2018, 14, 72.	3.0	517
61	Intervention among Suicidal Men: Future Directions for Telephone Crisis Support Research. <i>Frontiers in Public Health</i> , 2018, 6, 1.	2.7	143
62	Patterns of Signs That Telephone Crisis Support Workers Associate with Suicide Risk in Telephone Crisis Line Callers. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 235.	2.6	19
63	The Impact of Caller Gender on Telephone Crisis-Helpline Workers' Interpretation of Suicidality in Caller Vignettes. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 831.	2.6	8
64	Medical student attitudes towards older people: a critical review of quantitative measures. <i>BMC Research Notes</i> , 2018, 11, 71.	1.4	23
65	The metabolic fate of fenclozic acid in chimeric mice with a humanized liver. <i>Archives of Toxicology</i> , 2018, 92, 2819-2828.	4.2	11
66	Telephone Crisis Support Workers' Psychological Distress and Impairment. <i>Crisis</i> , 2018, 39, 13-26.	1.2	22
67	Telephone Crisis Support Workers' Intentions to Use Recommended Skills While Experiencing Functional Impairment. <i>Crisis</i> , 2018, 39, 218-223.	1.2	2
68	Methods and techniques for metabolic phenotyping. <i>Bioanalysis</i> , 2017, 9, 1-3.	1.5	5
69	High-Speed Quantitative UPLC-MS Analysis of Multiple Amines in Human Plasma and Serum via Precolumn Derivatization with 6-Aminoquinolyl-N-hydroxysuccinimidyl Carbamate: Application to Acetaminophen-Induced Liver Failure. <i>Analytical Chemistry</i> , 2017, 89, 2478-2487.	6.5	78
70	Gut microbiota modulation of chemotherapy efficacy and toxicity. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 356-365.	17.8	643
71	Ion mobility spectrometry combined with ultra performance liquid chromatography/mass spectrometry for metabolic phenotyping of urine: Effects of column length, gradient duration and ion mobility spectrometry on metabolite detection. <i>Analytica Chimica Acta</i> , 2017, 982, 1-8.	5.4	53
72	Application of ¹ H NMR spectroscopy to the metabolic phenotyping of rodent brain extracts: A metabonomic study of gut microbial influence on host brain metabolism. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 143, 141-146.	2.8	24

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73	The pharmacokinetics and metabolism of lumiracoxib in chimeric humanized and murinized FRC mice. <i>Biochemical Pharmacology</i> , 2017, 135, 139-150.	4.4	11
74	Acute liver effects, disposition and metabolic fate of [¹⁴ C]-fenclozic acid following oral administration to normal and bile-cannulated male C57BL/6J mice. <i>Archives of Toxicology</i> , 2017, 91, 2643-2653.	4.2	3
75	Stability in metabolic phenotypes and inferred metagenome profiles before the onset of colitis-induced inflammation. <i>Scientific Reports</i> , 2017, 7, 8836.	3.3	11
76	Hyphenated MS-based targeted approaches in metabolomics. <i>Analyst, The</i> , 2017, 142, 3079-3100.	3.5	72
77	Improved hepatic physiology in hepatic cytochrome P450 reductase null (HRN ^{Δ,ϕ}) mice dosed orally with fenclozic acid. <i>Toxicology Research</i> , 2017, 6, 81-88.	2.1	1
78	Gut microbiome interactions with drug metabolism, efficacy, and toxicity. <i>Translational Research</i> , 2017, 179, 204-222.	5.0	439
79	Lumiracoxib metabolism in male C57bl/6J mice: characterisation of novel <i>in vivo</i> metabolites. <i>Xenobiotica</i> , 2017, 47, 538-546.	1.1	1
80	Signs of current suicidality in men: A systematic review. <i>PLoS ONE</i> , 2017, 12, e0174675.	2.5	26
81	Metabolic phenotyping (metabonomics/metabolomics) by liquid chromatography-mass spectrometry. , 2017, , 245-265.		0
82	Testing a Model of Functional Impairment in Telephone Crisis Support Workers. <i>Crisis</i> , 2017, 38, 403-412.	1.2	9
83	Metabolic Profiling Approaches for Biomarkers of Ethanol Intake. , 2016, , 213-222.		1
84	Meta-analysis of clinical metabolic profiling studies in cancer: challenges and opportunities. <i>EMBO Molecular Medicine</i> , 2016, 8, 1134-1142.	6.9	83
85	The Development of Metabolic Phenotyping—A Historical Perspective. , 2016, , 17-48.		3
86	The 44th annual open meeting of the Drug Metabolism Discussion Group (DMDG) at Robinson College, Cambridge, UK, September 16th–18th, 2015. <i>Xenobiotica</i> , 2016, 46, 664-666.	1.1	0
87	Analysis of polar urinary metabolites for metabolic phenotyping using supercritical fluid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1449, 141-155.	3.7	60
88	Development of a Rapid Microbore Metabolic Profiling Ultrapformance Liquid Chromatography—Mass Spectrometry Approach for High-Throughput Phenotyping Studies. <i>Analytical Chemistry</i> , 2016, 88, 5742-5751.	6.5	39
89	Targeted Metabolic Profiling of the Tg197 Mouse Model Reveals Itaconic Acid as a Marker of Rheumatoid Arthritis. <i>Journal of Proteome Research</i> , 2016, 15, 4579-4590.	3.7	35
90	Advances in Mass Spectrometry Within Drug Discovery. <i>Journal of Biomolecular Screening</i> , 2016, 21, 109-110.	2.6	11

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91	Protocol for quality control in metabolic profiling of biological fluids by U(H)PLC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 15-25.	2.3	78
92	Comparative metabonomic analysis of hepatotoxicity induced by acetaminophen and its less toxic meta-isomer. <i>Archives of Toxicology</i> , 2016, 90, 3073-3085.	4.2	23
93	A comparison between genetically humanized and chimeric liver humanized mouse models for studies in drug metabolism and toxicity. <i>Drug Discovery Today</i> , 2016, 21, 250-263.	6.4	61
94	Hepatic effects of repeated oral administration of diclofenac to hepatic cytochrome P450 reductase null (HRN α , ζ) and wild-type mice. <i>Archives of Toxicology</i> , 2016, 90, 853-862.	4.2	5
95	Experiences and views of a brokerage model for primary care for Aboriginal people. <i>Australian Health Review</i> , 2015, 39, 26.	1.1	3
96	Solid phase extraction methodology for UPLC-MS based metabolic profiling of urine samples. <i>Electrophoresis</i> , 2015, 36, 2170-2178.	2.4	15
97	The Modulation of Drug Efficacy and Toxicity by the Gut Microbiome. <i>Molecular and Integrative Toxicology</i> , 2015, , 323-341.	0.5	6
98	Metabolism by conjugation appears to confer resistance to paracetamol (acetaminophen) hepatotoxicity in the cynomolgus monkey. <i>Xenobiotica</i> , 2015, 45, 270-277.	1.1	13
99	An overview of fecal sample preparation for global metabolic profiling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 137-150.	2.8	104
100	Systems toxicology: modelling biomarkers of glutathione homeostasis and paracetamol metabolism. <i>Drug Discovery Today: Technologies</i> , 2015, 15, 9-14.	4.0	6
101	Identification of a novel human circulating metabolite of tenofovir disoproxil fumarate with LC-MS/MS. <i>Bioanalysis</i> , 2015, 7, 643-652.	1.5	7
102	An integrated ceramic, micro-fluidic device for the LC/MS/MS analysis of pharmaceuticals in plasma. <i>Analyst</i> , 2015, 140, 5546-5556.	3.5	15
103	Integration of microfluidic LC with HRMS for the analysis of analytes in biofluids: past, present and future. <i>Bioanalysis</i> , 2015, 7, 1397-1411.	1.5	10
104	Predicting drug metabolism: experiment and/or computation?. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 387-404.	46.4	355
105	Molecular phenotyping of a UK population: defining the human serum metabolome. <i>Metabolomics</i> , 2015, 11, 9-26.	3.0	202
106	High-Throughput Microbore UPLC-MS Metabolic Phenotyping of Urine for Large-Scale Epidemiology Studies. <i>Journal of Proteome Research</i> , 2015, 14, 2714-2721.	3.7	33
107	The metabolism of 4-bromoaniline in the bile-cannulated rat: application of ICPMS (⁷⁹ Br), HPLC-ICPMS & HPLC- <i>oa</i> TOFMS. <i>Xenobiotica</i> , 2015, 45, 672-680.	1.1	3
108	Global metabolic profiling for the study of alcohol-related disorders. <i>Bioanalysis</i> , 2014, 6, 59-77.	1.5	18

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109	Endogenous and xenobiotic metabolite profiling of liver extracts from SCID and chimeric humanized mice following repeated oral administration of troglitazone. <i>Xenobiotica</i> , 2014, 44, 174-185.	1.1	5
110	The metabolic fate of [¹⁴ C]-fenclozic acid in the hepatic reductase null (HRN) mouse. <i>Xenobiotica</i> , 2014, 44, 164-173.	1.1	9
111	Advances in liquid chromatography coupled to mass spectrometry for metabolic phenotyping. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 181-191.	11.4	53
112	A comparison of the metabolism of midazolam in C57BL/6J and hepatic reductase null (HRN) mice. <i>Biochemical Pharmacology</i> , 2014, 92, 701-711.	4.4	7
113	Troglitazone metabolism and transporter effects in chimeric mice: a comparison between chimeric humanized and chimeric murinized FRG mice. <i>Xenobiotica</i> , 2014, 44, 186-195.	1.1	16
114	Ultra high resolution SFC-MS as a high throughput platform for metabolic phenotyping: Application to metabolic profiling of rat and dog bile. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 200-207.	2.3	41
115	LC-MS-based holistic metabolic profiling. Problems, limitations, advantages, and future perspectives. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 1-6.	2.3	88
116	Current practice of liquid chromatography-mass spectrometry in metabolomics and metabonomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 12-25.	2.8	348
117	HPLC-MS Profiling and Structural Identification of [¹⁴ C]-Diclofenac Metabolites in Mouse Bile. <i>Chromatographia</i> , 2014, 77, 233-239.	1.3	5
118	Dissecting the reaction of Phase II metabolites of ibuprofen and other NSAIDs with human plasma protein. <i>Chemical Science</i> , 2014, 5, 3789-3794.	7.4	18
119	The Role of Mass Spectrometry in Nontargeted Metabolomics. <i>Comprehensive Analytical Chemistry</i> , 2014, , 213-233.	1.3	2
120	The New Data Quality Task Group (DQTG): ensuring high quality data today and in the future. <i>Metabolomics</i> , 2014, 10, 539-540.	3.0	13
121	Hydrophilic interaction chromatography-mass spectrometry for anionic metabolic profiling of urine from antibiotic-treated rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 98-104.	2.8	11
122	Targeted profiling of polar intracellular metabolites using ion-pair-high performance liquid chromatography and -ultra high performance liquid chromatography coupled to tandem mass spectrometry: Applications to serum, urine and tissue extracts. <i>Journal of Chromatography A</i> , 2014, 1349, 60-68.	3.7	74
123	Age and Microenvironment Outweigh Genetic Influence on the Zucker Rat Microbiome. <i>PLoS ONE</i> , 2014, 9, e100916.	2.5	40
124	Anionic metabolic profiling of urine from antibiotic-treated rats by capillary electrophoresis-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2585-2594.	3.7	38
125	Glutathione metabolism modeling: A mechanism for liver drug-robustness and a new biomarker strategy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4943-4959.	2.4	28
126	Multiscale modelling approach combining a kinetic model of glutathione metabolism with PBPK models of paracetamol and the potential glutathione-depletion biomarkers ophthalmic acid and 5-oxoproline in humans and rats. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 877-888.	1.3	34

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127	Global metabolic profiling of animal and human tissues via UPLC-MS. <i>Nature Protocols</i> , 2013, 8, 17-32.	12.0	774
128	Hippurate: The Natural History of a Mammalianâ€™Microbial Cometabolite. <i>Journal of Proteome Research</i> , 2013, 12, 1527-1546.	3.7	263
129	Liquid Chromatographic Methods Combined with Mass Spectrometry inâ€™Metabolomics. , 2013, , 145-161.		2
130	In vitro exploration of potential mechanisms of toxicity of the human hepatotoxic drug fenclozic acid. <i>Archives of Toxicology</i> , 2013, 87, 1569-1579.	4.2	21
131	Liquid Chromatographic Techniques in Metabolomics. <i>RSC Chromatography Monographs</i> , 2013, , 64-86.	0.1	2
132	Pharmacokinetics and metabolism of midazolam in chimeric mice with humanised livers. <i>Xenobiotica</i> , 2012, 42, 1128-1137.	1.1	17
133	The hepatic reductase null mouse as a model for exploring hepatic conjugation of xenobiotics: Application to the metabolism of diclofenac. <i>Xenobiotica</i> , 2012, 42, 195-205.	1.1	20
134	Evaluation of the pharmacokinetics, biotransformation and hepatic transporter effects of troglitazone in mice with humanized livers. <i>Xenobiotica</i> , 2012, 42, 503-517.	1.1	32
135	Differential Effect of Troglitazone on the Human Bile Acid Transporters, MRP2 and BSEP, in the PxB Hepatic Chimeric Mouse. <i>Toxicologic Pathology</i> , 2012, 40, 1106-1116.	1.8	28
136	Chapter 14. Application of UHPLC-MS to Metabolomic/metabonomic Studies in Man. <i>RSC Chromatography Monographs</i> , 2012, , 387-428.	0.1	0
137	Systems biology tools for toxicology. <i>Archives of Toxicology</i> , 2012, 86, 1251-1271.	4.2	41
138	Liquid chromatographyâ€™mass spectrometry based global metabolite profiling: A review. <i>Analytica Chimica Acta</i> , 2012, 711, 7-16.	5.4	452
139	Diclofenac metabolism in the mouse: Novel <i>in vivo</i> metabolites identified by high performance liquid chromatography coupled to linear ion trap mass spectrometry. <i>Xenobiotica</i> , 2012, 42, 179-194.	1.1	52
140	A workflow for the metabolomic/metabonomic investigation of exhaled breath using thermal desorption GCâ€™MS. <i>Bioanalysis</i> , 2012, 4, 2227-2237.	1.5	27
141	A QC approach to the determination of day-to-day reproducibility and robustness of LCâ€™MS methods for global metabolite profiling in metabonomics/metabolomics. <i>Bioanalysis</i> , 2012, 4, 2239-2247.	1.5	71
142	The importance of experimental design and QC samples in large-scale and MS-driven untargeted metabolomic studies of humans. <i>Bioanalysis</i> , 2012, 4, 2249-2264.	1.5	382
143	Investigation of chronic alcohol consumption in rodents via ultra-high-performance liquid chromatographyâ€™mass spectrometry based metabolite profiling. <i>Journal of Chromatography A</i> , 2012, 1259, 128-137.	3.7	22
144	In Vitro Approach to Assess the Potential for Risk of Idiosyncratic Adverse Reactions Caused by Candidate Drugs. <i>Chemical Research in Toxicology</i> , 2012, 25, 1616-1632.	3.3	197

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145	A mathematical modelling approach to assessing the reliability of biomarkers of glutathione metabolism. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 233-243.	4.0	23
146	Profiling biological samples using ultra performance liquid chromatography–inductively coupled plasma–mass spectrometry (UPLC-ICP-MS) for the determination of phosphorus and sulfur-containing metabolites. <i>Molecular BioSystems</i> , 2011, 7, 1149.	2.9	8
147	Metabonomic Investigation of Liver Profiles of Nonpolar Metabolites Obtained from Alcohol-Dosed Rats and Mice Using High Mass Accuracy MS Analysis. <i>Journal of Proteome Research</i> , 2011, 10, 705-713.	3.7	59
148	Procedures for large-scale metabolic profiling of serum and plasma using gas chromatography and liquid chromatography coupled to mass spectrometry. <i>Nature Protocols</i> , 2011, 6, 1060-1083.	12.0	2,236
149	Metabolic profiling of human urine by CE-MS using a positively charged capillary coating and comparison with UPLC-MS. <i>Molecular BioSystems</i> , 2011, 7, 194-199.	2.9	52
150	Synthesis of a series of phenylacetic acid 1- ¹² O-acyl glucosides and comparison of their acyl migration and hydrolysis kinetics with the corresponding acyl glucuronides. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 926-934.	2.8	20
151	Managing the challenge of chemically reactive metabolites in drug development. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 292-306.	46.4	382
152	HPLC–MS/MS methods for the quantitative analysis of 5-oxoproline (pyroglutamate) in rat plasma and hepatic cell line culture medium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 655-663.	2.8	33
153	Variation in Antibiotic-Induced Microbial Recolonization Impacts on the Host Metabolic Phenotypes of Rats. <i>Journal of Proteome Research</i> , 2011, 10, 3590-3603.	3.7	114
154	HILIC-UPLC-MS for Exploratory Urinary Metabolic Profiling in Toxicological Studies. <i>Analytical Chemistry</i> , 2011, 83, 382-390.	6.5	135
155	Pharmacometabonomics as an effector for personalized medicine. <i>Pharmacogenomics</i> , 2011, 12, 103-111.	1.3	136
156	Application of NMR-based metabolomics to the investigation of salt stress in maize (<i>Zea mays</i>). <i>Phytochemical Analysis</i> , 2011, 22, 214-224.	2.4	100
157	Mass spectrometry-based holistic analytical approaches for metabolite profiling in systems biology studies. <i>Mass Spectrometry Reviews</i> , 2011, 30, 884-906.	5.4	171
158	HPLC–MS/MS methods for the quantitative analysis of ophthalmic acid in rodent plasma and hepatic cell line culture medium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1128-1135.	2.8	20
159	Systemic gut microbial modulation of bile acid metabolism in host tissue compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4523-4530.	7.1	625
160	Metabolite profiles from dried blood spots for metabonomic studies using UPLC combined with orthogonal acceleration ToF-MS: effects of different papers and sample storage stability. <i>Bioanalysis</i> , 2011, 3, 2757-2767.	1.5	45
161	Utility of spatially-resolved atmospheric pressure surface sampling and ionization techniques as alternatives to mass spectrometric imaging (MSI) in drug metabolism. <i>Xenobiotica</i> , 2011, 41, 720-734.	1.1	38
162	Addressing the challenge of limited sample volumes in <i>in vitro</i> studies with capillary-scale microfluidic LC–MS/MS. <i>Bioanalysis</i> , 2011, 3, 873-882.	1.5	16

#	ARTICLE	IF	CITATIONS
163	High-Performance Liquid Chromatography-Mass Spectrometry (HPLC-MS)-Based Drug Metabolite Profiling. <i>Methods in Molecular Biology</i> , 2011, 708, 173-190.	0.9	15
164	Application of turbulent flow chromatography to the metabonomic analysis of human plasma: Comparison with protein precipitation. <i>Journal of Separation Science</i> , 2010, 33, 1472-1479.	2.5	38
165	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. <i>Journal of Separation Science</i> , 2010, 33, 716-727.	2.5	180
166	High-performance liquid chromatography/mass spectrometric and proton nuclear magnetic resonance spectroscopic studies of the transacylation and hydrolysis of the acyl glucuronides of a series of phenylacetic acids in buffer and human plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3043-3051.	1.5	13
167	Qualitative research in medical education. <i>Medical Education</i> , 2010, 44, 942-942.	2.1	5
168	Global metabolic profiling procedures for urine using UPLC-MS. <i>Nature Protocols</i> , 2010, 5, 1005-1018.	12.0	867
169	A novel LC-MS approach for the detection of metabolites in DMPK studies. <i>Bioanalysis</i> , 2010, 2, 1767-1778.	1.5	13
170	Integrated HPLC-MS and ¹ H-NMR spectroscopic studies on acyl migration reaction kinetics of model drug ester glucuronides. <i>Xenobiotica</i> , 2010, 40, 9-23.	1.1	26
171	Does the Mass Spectrometer Define the Marker? A Comparison of Global Metabolite Profiling Data Generated Simultaneously via UPLC-MS on Two Different Mass Spectrometers. <i>Analytical Chemistry</i> , 2010, 82, 8226-8234.	6.5	58
172	Metabolite Profiles from Dried Biofluid Spots for Metabonomic Studies using UPLC Combined with oaToF-MS. <i>Journal of Proteome Research</i> , 2010, 9, 3328-3334.	3.7	59
173	Use of an Atmospheric Solids Analysis Probe (ASAP) for High Throughput Screening of Biological Fluids: Preliminary Applications on Urine and Bile. <i>Journal of Proteome Research</i> , 2010, 9, 3590-3597.	3.7	26
174	The Role of Gut Microbiota in Drug Response. <i>Current Pharmaceutical Design</i> , 2009, 15, 1519-1523.	1.9	105
175	Drugs, bugs, and personalized medicine: Pharmacometabonomics enters the ring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14187-14188.	7.1	83
176	Issues in the safety testing of metabolites. <i>Future Medicinal Chemistry</i> , 2009, 1, 1381-1390.	2.3	4
177	Determination of two COX-2 inhibitors in serum and synovial fluid of patients with inflammatory arthritis by ultra performance liquid chromatography-inductively coupled plasma mass spectroscopy and quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 579-586.	2.8	27
178	A new approach to aid the characterisation and identification of metabolites of a model drug; partial isotope enrichment combined with novel formula elucidation software. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 219-227.	1.5	13
179	Direct analysis of pharmaceutical formulations from non-bonded reversed-phase thin-layer chromatography plates by desorption electrospray ionisation ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2597-2604.	1.5	44
180	Application of High Temperature LC to the Separation of AZD5438 (4-(1-isopropyl-2-methyl-1H-imidazol-5-yl)-N-[4-(methylsulfonyl)phenyl]pyrimidin-2-amine) and Its Metabolites: Comparison of LC, UPLC and HTLC. <i>Chromatographia</i> , 2009, 70, 37-44.	1.3	9

#	ARTICLE	IF	CITATIONS
181	Top-Down Systems Biology Modeling of Host Metabotype~Microbiome Associations in Obese Rodents. <i>Journal of Proteome Research</i> , 2009, 8, 2361-2375.	3.7	228
182	Application of Ultra Performance Liquid Chromatography~Mass Spectrometry to Profiling Rat and Dog Bile. <i>Journal of Proteome Research</i> , 2009, 8, 2495-2500.	3.7	62
183	UPLC-MS-Based Analysis of Human Plasma for Metabonomics Using Solvent Precipitation or Solid Phase Extraction. <i>Journal of Proteome Research</i> , 2009, 8, 2114-2121.	3.7	159
184	Development of a Robust and Repeatable UPLC~MS Method for the Long-Term Metabolomic Study of Human Serum. <i>Analytical Chemistry</i> , 2009, 81, 1357-1364.	6.5	447
185	Methodological considerations in the development of HPLC-MS methods for the analysis of rodent plasma for metabonomic studies. <i>Molecular BioSystems</i> , 2009, 6, 108-120.	2.9	45
186	Gut microbiome modulates the toxicity of hydrazine: a metabonomic study. <i>Molecular BioSystems</i> , 2009, 5, 351.	2.9	59
187	Synthesis, transacylation kinetics and computational chemistry of a set of arylacetic acid 1~O-acyl glucuronides. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2525.	2.8	25
188	Evaluation of the use of UPLC-TOFMS with simultaneous [14C]-radioflow detection for drug metabolite profiling: Application to propranolol metabolites in rat urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 151-157.	2.8	21
189	Profiling and biomarker identification in plasma from different Zucker rat strains via high mass accuracy multistage mass spectrometric analysis using liquid chromatography/mass spectrometry with a quadrupole ion trap~time of flight mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2547-2554.	1.5	35
190	Hydrophilic interaction and reversed~phase ultra~performance liquid chromatography TOF~MS for metabonomic analysis of Zucker rat urine. <i>Journal of Separation Science</i> , 2008, 31, 1598-1608.	2.5	121
191	High temperature-ultra performance liquid chromatography~mass spectrometry for the metabonomic analysis of Zucker rat urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 279-287.	2.3	66
192	An approach to enhancing coverage of the urinary metabonome using liquid chromatography~ion mobility~mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 357-361.	2.3	49
193	Evaluation of the repeatability of ultra-performance liquid chromatography~TOF-MS for global metabolic profiling of human urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 299-305.	2.3	215
194	Hyphenated techniques for global metabolite profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 141-142.	2.3	7
195	Liquid chromatography and ultra-performance liquid chromatography~mass spectrometry fingerprinting of human urine. <i>Journal of Chromatography A</i> , 2008, 1189, 314-322.	3.7	178
196	LC-MS-based methodology for global metabolite profiling in metabonomics/metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 251-260.	11.4	306
197	Quantification of the In Vitro and In Vivo Metabolic Fates of 2-, 3- and 4-Bromobenzoic Acids Using High Temperature LC Coupled to ICP-MS and Linear Ion Trap MS. <i>Chromatographia</i> , 2008, 67, 673-678.	1.3	15
198	Metabonomic and Microbiological Analysis of the Dynamic Effect of Vancomycin-Induced Gut Microbiota Modification in the Mouse. <i>Journal of Proteome Research</i> , 2008, 7, 3718-3728.	3.7	202

#	ARTICLE	IF	CITATIONS
199	1H NMR and UPLC-MSE Statistical Heterospectroscopy: Characterization of Drug Metabolites (Xenometabolome) in Epidemiological Studies. <i>Analytical Chemistry</i> , 2008, 80, 6835-6844.	6.5	74
200	Metabolic Phenotyping in Health and Disease. <i>Cell</i> , 2008, 134, 714-717.	28.9	711
201	Heteronuclear ¹⁹ F- ¹ H Statistical Total Correlation Spectroscopy as a Tool in Drug Metabolism: A Study of Flucloxacillin Biotransformation. <i>Analytical Chemistry</i> , 2008, 80, 1073-1079.	6.5	53
202	Kinetic and J-Resolved Statistical Total Correlation NMR Spectroscopy Approaches to Structural Information Recovery in Complex Reacting Mixtures: Application to Acyl Glucuronide Intramolecular Transacylation Reactions. <i>Analytical Chemistry</i> , 2008, 80, 4886-4895.	6.5	32
203	Combining assessment scores: a variable feast. <i>Medical Teacher</i> , 2008, 30, 428-430.	1.8	3
204	Title is missing!. <i>ScienceAsia</i> , 2008, 34, 279.	0.5	19
205	Metabolism of [14C]-5-chloro-1,3-benzodioxol-4-amine in male Wistar-derived rats following intraperitoneal administration. <i>Xenobiotica</i> , 2007, 37, 44-58.	1.1	2
206	NMR Spectroscopic Studies on the in Vitro Acyl Glucuronide Migration Kinetics of Ibuprofen ((\pm)-(R,S)-2-(4-Isobutylphenyl) Propanoic Acid), Its Metabolites, and Analogues. <i>Analytical Chemistry</i> , 2007, 79, 8720-8727.	6.5	45
207	Within-Day Reproducibility of an HPLC-MS-Based Method for Metabonomic Analysis: Application to Human Urine. <i>Journal of Proteome Research</i> , 2007, 6, 3291-3303.	3.7	459
208	Detection of Urinary Drug Metabolite (Xenometabolome) Signatures in Molecular Epidemiology Studies via Statistical Total Correlation (NMR) Spectroscopy. <i>Analytical Chemistry</i> , 2007, 79, 2629-2640.	6.5	118
209	Analytical Strategies in Metabonomics. <i>Journal of Proteome Research</i> , 2007, 6, 443-458.	3.7	497
210	Rapid and Noninvasive Metabonomic Characterization of Inflammatory Bowel Disease. <i>Journal of Proteome Research</i> , 2007, 6, 546-551.	3.7	539
211	Isotopic enrichment enhancement in metabonomic analysis of UPLC-MS data sets. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 303-307.	1.0	9
212	Hype and hypernation: multiple hyphenation of column liquid chromatography and spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 847-854.	11.4	44
213	A metabonomic study of strain- and age-related differences in the Zucker rat. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2039-2045.	1.5	42
214	High-temperature ultra-performance liquid chromatography coupled to hybrid quadrupole time-of-flight mass spectrometry applied to ibuprofen metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 4079-4085.	1.5	17
215	Thermal Gradients for the Control of Elution in RP-LC: Application to the Separation of Model Drugs. <i>Chromatographia</i> , 2007, 66, 831-836.	1.3	8
216	The application of microbore UPLC/oa-TOF-MS and 1H NMR spectroscopy to the metabonomic analysis of rat urine following the intravenous administration of pravastatin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 845-852.	2.8	53

#	ARTICLE	IF	CITATIONS
217	Chapter 12. Metabonomics and Global Systems Biology. RSC Biomolecular Sciences, 2007, , 295-316.	0.4	1
218	Acyl Glucuronides: Biological Activity, Chemical Reactivity, and Chemical Synthesis. Journal of Medicinal Chemistry, 2006, 49, 6931-6945.	6.4	116
219	A pragmatic and readily implemented quality control strategy for HPLC-MS and GC-MS-based metabonomic analysis. Analyst, The, 2006, 131, 1075.	3.5	498
220	Identification of phenacetin metabolites in human urine after administration of phenacetin-C2H3: Measurement of futile metabolic deacetylation via HPLC/MS-SPE-NMR and HPLC-ToF MS. Xenobiotica, 2006, 36, 615-629.	1.1	31
221	Metabolic Phenotyping of Nude and Normal (Alpk:ApfCD, C57BL10J) Mice. Journal of Proteome Research, 2006, 5, 378-384.	3.7	55
222	Statistically Integrated Metabonomic~Proteomic Studies on a Human Prostate Cancer Xenograft Model in Mice. Journal of Proteome Research, 2006, 5, 2642-2655.	3.7	146
223	Generation of Ultrahigh Peak Capacity LC Separations via Elevated Temperatures and High Linear Mobile-Phase Velocities. Analytical Chemistry, 2006, 78, 7278-7283.	6.5	74
224	Systems Toxicology:Â Integrated Genomic, Proteomic and Metabonomic Analysis of Methapyrilene Induced Hepatotoxicity in the Rat. Journal of Proteome Research, 2006, 5, 1586-1601.	3.7	143
225	UPLC/MSE; a new approach for generating molecular fragment information for biomarker structure elucidation. Rapid Communications in Mass Spectrometry, 2006, 20, 1989-1994.	1.5	434
226	UPLC/MSE; a new approach for generating molecular fragment information for biomarker structure elucidation. Rapid Communications in Mass Spectrometry, 2006, 20, 2234-2234.	1.5	13
227	The detection of phenotypic differences in the metabolic plasma profile of three strains of Zucker rats at 20 weeks of age using ultra-performance liquid chromatography/orthogonal acceleration time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 2800-2806.	1.5	64
228	Temperature as a variable in liquid chromatography: Development and application of a model for the separation of model drugs using water as the eluent. Journal of Chromatography A, 2006, 1132, 206-210.	3.7	40
229	NMR spectroscopic studies of the transacylation reactivity of ibuprofen 1-Î²-O-acyl glucuronide. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 1002-1006.	2.8	21
230	Metabolism of 3-chloro-4-fluoroaniline in rat using [14C]-radiolabelling, 19F-NMR spectroscopy, HPLC-MS/MS, HPLC-ICPMS and HPLC-NMR. Xenobiotica, 2006, 36, 59-77.	1.1	30
231	Metabonomics in the Pharmaceutical Industry. , 2005, , 337-348.		0
232	A combined 1H NMR and HPLC~MS-based metabonomic study of urine from obese (fa/fa) Zucker and normal Wistar-derived rats. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 465-471.	2.8	109
233	HPLC-MS-based methods for the study of metabonomics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 817, 67-76.	2.3	404
234	Metabonomic Studies Comparing Capillary and Conventional HPLC-oa-TOF MS for the Analysis of Urine from Zucker Obese Rats. Chromatographia, 2005, 61, 375-380.	1.3	34

#	ARTICLE	IF	CITATIONS
235	Summary recommendations for standardization and reporting of metabolic analyses. <i>Nature Biotechnology</i> , 2005, 23, 833-838.	17.5	261
236	Gut microorganisms, mammalian metabolism and personalized health care. <i>Nature Reviews Microbiology</i> , 2005, 3, 431-438.	28.6	861
237	Seasonal production of moulting hormone in the barnacle <i>Semibalanus balanoides</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 321, 125-134.	1.5	2
238	Superheated water chromatography-nuclear magnetic resonance spectroscopy of kava lactones. <i>Phytochemical Analysis</i> , 2005, 16, 217-221.	2.4	12
239	Investigation of the metabolic fate of 2-, 3- and 4-bromobenzoic acids in bile-duct-cannulated rats by inductively coupled plasma mass spectrometry and high-performance liquid chromatography/inductively coupled plasma mass spectrometry/electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 519-524.	1.5	16
240	Metabonomics with ¹ H-NMR spectroscopy and liquid chromatography-mass spectrometry applied to the investigation of metabolic changes caused by gentamicin-induced nephrotoxicity in the rat. <i>Biomarkers</i> , 2005, 10, 173-187.	1.9	135
241	A rapid screening approach to metabonomics using UPLC and oa-TOF mass spectrometry: application to age, gender and diurnal variation in normal/Zucker obese rats and black, white and nude mice. <i>Analyst</i> , 2005, 130, 844.	3.5	214
242	Kinetic studies on the intramolecular acyl migration of ¹² -1-O-acyl glucuronides: Application to the glucuronides of (R)- and (S)-ketoprofen, (R)- and (S)-hydroxy-ketoprofen metabolites, and tolmetin by ¹ H-NMR spectroscopy. <i>Xenobiotica</i> , 2005, 35, 715-725.	1.1	20
243	High Resolution ¹ H-Ultra Performance ¹ -Liquid Chromatography Coupled to oa-TOF Mass Spectrometry as a Tool for Differential Metabolic Pathway Profiling in Functional Genomic Studies. <i>Journal of Proteome Research</i> , 2005, 4, 591-598.	3.7	423
244	Chapter 20 Drugs. <i>Journal of Chromatography Library</i> , 2004, , 945-985.	0.1	0
245	NMR and QSAR studies on the transacylation reactivity of model ¹² -O-acyl glucuronides. I: design, synthesis and degradation rate measurement. <i>Xenobiotica</i> , 2004, 34, 73-85.	1.1	23
246	Nuclear magnetic resonance (NMR) and quantitative structure ¹ activity relationship (QSAR) studies on the transacylation reactivity of model ¹² -O-acyl glucuronides. II: QSAR modelling of the reaction using both computational and experimental NMR parameters. <i>Xenobiotica</i> , 2004, 34, 889-900.	1.1	36
247	The challenges of modeling mammalian biocomplexity. <i>Nature Biotechnology</i> , 2004, 22, 1268-1274.	17.5	351
248	Enhanced Detection of Sulphur and Phospho-rous Containing Compounds in HPLC-Induc-tively Coupled Plasma Mass Spectrometry Using Chemical Resolution via Hexapole-Based Reaction with Oxygen. <i>Chromatographia</i> , 2004, 59, S165.	1.3	8
249	An Early Description of Paper Chromatography?. <i>Chromatographia</i> , 2004, 60, .	1.3	11
250	Sensitive sulphur-specific detection of omeprazole metabolites in rat urine by high-performance liquid chromatography/inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 181-183.	1.5	33
251	High-performance liquid chromatography/inductively coupled plasma mass spectrometry and tandem mass spectrometry for the detection of carbon-containing compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1487-1492.	1.5	25
252	Integrated application of transcriptomics and metabonomics yields new insight into the toxicity due to paracetamol in the mouse. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 93-105.	2.8	163

#	ARTICLE	IF	CITATIONS
253	Cyclosporin A-induced changes in endogenous metabolites in rat urine: a metabonomic investigation using high field NMR spectroscopy, HPLC-TOF/MS and chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 599-608.	2.8	133
254	Comparison of extraction of a β -blocker from plasma onto a molecularly imprinted polymer with liquidâ€“liquid extraction and solid phase extraction methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 1231-1239.	2.8	52
255	Superheated water chromatography-nuclear magnetic resonance spectroscopy and mass spectrometry of vitamins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 477-482.	2.8	38
256	Metabonomics, dietary influences and cultural differences: a ^1H NMR-based study of urine samples obtained from healthy British and Swedish subjects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 841-849.	2.8	248
257	Ethyl glucoside in human urine following dietary exposure: detection by ^1H NMR spectroscopy as a result of metabonomic screening of humans. <i>Analyst</i> , The, 2004, 129, 259.	3.5	69
258	A metabonomic investigation of the biochemical effects of mercuric chloride in the rat using ^1H NMR and HPLC-TOF/MS: time dependant changes in the urinary profile of endogenous metabolites as a result of nephrotoxicity. <i>Analyst</i> , The, 2004, 129, 535.	3.5	138
259	Probing Molecular Dynamics in Chromatographic Systems Using High-Resolution ^1H Magic-Angle-Spinning NMR Spectroscopy: A Interaction between p-Xylene and C18-Bonded Silica. <i>Analytical Chemistry</i> , 2004, 76, 3023-3028.	6.5	13
260	Application of inductively coupled plasma mass spectrometry and high-performance liquid chromatographyâ€“with parallel electrospray mass spectrometry to the investigation of the disposition and metabolic fate of 2-, 3- and 4-iodobenzoic acids in the rat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 809, 279-285.	2.3	5
261	Analysis of a ginger extract by high-performance liquid chromatography coupled to nuclear magnetic resonance spectroscopy using superheated deuterium oxide as the mobile phase. <i>Journal of Chromatography A</i> , 2003, 991, 143-150.	3.7	51
262	Hyphenation and hypernation. <i>Journal of Chromatography A</i> , 2003, 1000, 325-356.	3.7	124
263	The metabolism of 2-trifluoromethylaniline and its acetanilide in the rat by ^{19}F NMR monitored enzyme hydrolysis and $^1\text{H}/^{19}\text{F}$ HPLC-NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 30, 1561-1574.	2.8	12
264	A ^1H NMR-based metabonomic study of urine and plasma samples obtained from healthy human subjects. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 1103-1115.	2.8	230
265	High-performance liquid chromatography/inductively coupled plasma mass spectrometry with iodine-specific detection for profiling the metabolites produced in the earthworm <i>Eisenia veneta</i> by exposure to 2-fluoro-4-iodoaniline. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1855-1858.	1.5	16
266	Characterisation of putative pentose-containing conjugates as minor metabolites of 4-bromoaniline present in the urine of rats following intraperitoneal administration. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 76-80.	1.5	11
267	Understanding 'Global' Systems Biology: Metabonomics and the Continuum of Metabolism. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 668-676.	46.4	975
268	An Integrated Metabonomic Investigation of Acetaminophen Toxicity in the Mouse Using NMR Spectroscopy. <i>Chemical Research in Toxicology</i> , 2003, 16, 295-303.	3.3	245
269	Metabonomic analysis of mouse urine by liquid-chromatography-time of flight mass spectrometry (LC-TOFMS): detection of strain, diurnal and gender differences. <i>Analyst</i> , The, 2003, 128, 819.	3.5	145
270	A Comparison of the Quantitative Methods for the Analysis of the Platinum-Containing Anticancer Drug {cis-[Amminedichloro(2-methylpyridine)]- platinum(II)} (ZD0473) by HPLC Coupled to Either a Triple Quadrupole Mass Spectrometer or an Inductively Coupled Plasma Mass Spectrometer. <i>Analytical Chemistry</i> , 2003, 75, 1463-1469.	6.5	46

#	ARTICLE	IF	CITATIONS
271	Detection of mono- and di-hexoses as metabolites of 4-bromoaniline using HPLC-TOF-MS/MS. <i>Xenobiotica</i> , 2003, 33, 855-869.	1.1	6
272	Biomedical applications of directly-coupled chromatography-nuclear magnetic resonance (NMR) spectroscopy and mass spectrometry (MS). <i>Handbook of Analytical Separations</i> , 2003, , 293-329.	0.8	2
273	Structure-metabolism relationships of substituted anilines: prediction of N-acetylation and N-oxanilic acid formation using computational chemistry. <i>Xenobiotica</i> , 2002, 32, 267-277.	1.1	13
274	Identification of the urinary metabolites of 4-bromoaniline and 4-bromo- [carbonyl - ¹³ C]-acetanilide in rat. <i>Xenobiotica</i> , 2002, 32, 325-337.	1.1	20
275	HPLC Analysis of Ecdysteroids in Plant Extracts Using Superheated Deuterium Oxide with Multiple On-Line Spectroscopic Analysis (UV, IR, ¹ H NMR, and MS). <i>Analytical Chemistry</i> , 2002, 74, 288-294.	6.5	58
276	Physiological variation in metabolic phenotyping and functional genomic studies: use of orthogonal signal correction and PLS-DA. <i>FEBS Letters</i> , 2002, 530, 191-196.	2.8	169
277	High-performance liquid chromatography-UV diode array, inductively coupled plasma mass spectrometry (ICMPS) and orthogonal acceleration time-of-flight mass spectrometry (oa-TOFMS) applied to the simultaneous detection and identification of metabolites of 4-bromoaniline in rat urine. <i>Chromatographia</i> , 2002, 55, S9-S13.	1.3	24
278	Analysis of a [¹⁴ C]-labelled platinum anticancer compound in dosing formulations and urine using a combination of HPLC-ICPMS and flow scintillation counting. <i>Chromatographia</i> , 2002, 55, S151-S155.	1.3	22
279	Reversed-phase HPLC of polymer additives with multiple on-line spectroscopic analysis (UV, IR, ¹ H NMR) Tj ETQq1 1,0,784314,rgBT /C 3.7 14	3.7	14
280	Flow injection analysis with multiple on-line spectroscopic analysis (UV, IR, ¹ H-NMR and MS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 27, 191-200.	2.8	22
281	Quantitation in gradient high performance liquid chromatography/inductively coupled mass spectrometry investigated using diclofenac and chlorpromazine. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 245-247.	1.5	28
282	High temperature reversed-phase HPLC using deuterium oxide as a mobile phase for the separation of model pharmaceuticals with multiple on-line spectroscopic analysis (UV, IR, ¹ H-NMR and MS). <i>Analyst, The</i> , 2001, 126, 1625-1629.	3.5	32
283	High resolution ¹ H NMR spectroscopic studies of the composition of the haemolymph of crowd- and solitary-reared nymphs of the desert locust, <i>Schistocerca gregaria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 32, 51-56.	2.7	25
284	High-Performance Liquid Chromatography Linked to Inductively Coupled Plasma Mass Spectrometry and Orthogonal Acceleration Time-of-Flight Mass Spectrometry for the Simultaneous Detection and Identification of Metabolites of 2-Bromo-4- trifluoromethyl-[¹³ C]-acetanilide in Rat Urine. <i>Analytical Chemistry</i> , 2001, 73, 1491-1494.	6.5	50
285	Directly Coupled High-Performance Liquid Chromatography and Nuclear Magnetic Resonance Spectroscopic with Chemometric Studies on Metabolic Variation in Sprague-Dawley Rats. <i>Analytical Biochemistry</i> , 2001, 291, 245-252.	2.4	84
286	Spectroscopic characterisation and identification of ecdysteroids using high-performance liquid chromatography combined with on-line UV-diode array, FT-infrared and ¹ H-nuclear magnetic resonance spectroscopy and time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 910, 237-246.	3.7	50
287	Directly coupled liquid chromatography with inductively coupled plasma mass spectrometry and orthogonal acceleration time-of-flight mass spectrometry for the identification of drug metabolites in urine: application to diclofenac using chlorine and sulfur detection. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2377-2384.	1.5	67
288	Selective deuterium exchange during superheated heavy water chromatography-nuclear magnetic resonance spectroscopy-mass spectrometry of sulfonamides. <i>Journal of Chromatography A</i> , 2000, 886, 289-295.	3.7	35

#	ARTICLE	IF	CITATIONS
289	Optimisation of procedures for the extraction of structural analogues of propranolol with molecular imprinted polymers for sample preparation. <i>Journal of Chromatography A</i> , 2000, 889, 143-147.	3.7	47
290	Identification and quantification of metabolites of 2,3,5,6-tetrafluoro-4-trifluoromethylaniline in rat urine using ¹⁹ F nuclear magnetic resonance spectroscopy, high-performance liquid chromatographyâ€“nuclear magnetic resonance spectroscopy and high-performance liquid chromatographyâ€“mass spectrometry. <i>Biomedical Applications</i> , 2000, 748, 311-319.	1.7	12
291	Multiple hyphenation of liquid chromatography with nuclear magnetic resonance spectroscopy, mass spectrometry and beyond. <i>Journal of Chromatography A</i> , 2000, 892, 315-327.	3.7	53
292	Directly coupled HPLCâ€“NMR and HPLCâ€“NMRâ€“MS in pharmaceutical research and development. <i>Biomedical Applications</i> , 2000, 748, 233-258.	1.7	177
293	Application and elution conditions for the selective elution of analytes from molecular imprinted polymers after extraction from aqueous samples: Application to Î²-blockers. <i>Chromatographia</i> , 2000, 52, S19-S23.	1.3	8
294	Investigation of a range of stationary phases for the separation of model drugs by HPLC using superheated water as the mobile phase. <i>Chromatographia</i> , 2000, 52, S28-S34.	1.3	59
295	Investigation of the metabolism of ¹⁴ C/ ¹³ C-practolol in rat using directly coupled radio-HPLC-NMR-MS. <i>Xenobiotica</i> , 2000, 30, 717-729.	1.1	15
296	An NMR-based metabonomic approach to investigate the biochemical consequences of genetic strain differences: application to the C57BL10J and Alpk:ApfCD mouse. <i>FEBS Letters</i> , 2000, 484, 169-174.	2.8	291
297	Application of Directly Coupled HPLC-NMR-MS/MS to the Identification of Metabolites of 5-Trifluoromethylpyridone (2-Hydroxy-5-trifluoromethylpyridine) in Hydroponically Grown Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 42-46.	5.2	33
298	2.7.5. HPLC/NMR and related hyphenated NMR methods. <i>Progress in Pharmaceutical and Biomedical Analysis</i> , 2000, 4, 299-322.	0.1	7
299	High-performance liquid chromatography and inductively coupled plasma mass spectrometry (HPLC-ICP-MS) for the analysis of xenobiotic metabolites in rat urine: application to the metabolites of 4-bromoaniline. <i>Analyst, The</i> , 2000, 125, 235-236.	3.5	42
300	Reversed-Phase High-Performance Liquid Chromatography Combined with On-Line UV Diode Array, FT Infrared, and ¹ H Nuclear Magnetic Resonance Spectroscopy and Time-of-Flight Mass Spectrometry: Application to a Mixture of Nonsteroidal Antiinflammatory Drugs. <i>Analytical Chemistry</i> , 2000, 72, 3922-3926.	6.5	30
301	Peer Reviewed: Advancing Hyphenated Chromatographic Systems.. <i>Analytical Chemistry</i> , 2000, 72, 534 A-542 A.	6.5	11
302	Quantitative studies on the urinary metabolic fate of 2-chloro-4-trifluoromethylaniline in the rat using ¹⁹ F-NMR spectroscopy and directly coupled HPLC-NMR-MS. <i>Xenobiotica</i> , 1999, 29, 77-91.	1.1	48
303	Detection and identification of morphine in urine extracts using thin-layer chromatography and tandem mass spectrometry. <i>Biomedical Applications</i> , 1999, 729, 341-346.	1.7	24
304	Directly-coupled HPLC-NMR spectroscopic studies of metabolism and futile deacetylation of phenacetin in the rat. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 20, 865-873.	2.8	19
305	The state of the art in thin-layer chromatographyâ€“mass spectrometry: a critical appraisal. <i>Journal of Chromatography A</i> , 1999, 856, 429-442.	3.7	116
306	Size-exclusion chromatography with on-line ultraviolet, proton nuclear magnetic resonance and mass spectrometric detection and on-line collection for off-line Fourier transform infrared spectroscopy. <i>Journal of Chromatography A</i> , 1999, 857, 89-96.	3.7	38

#	ARTICLE	IF	CITATIONS
307	High performance liquid chromatography coupled to nuclear magnetic resonance spectroscopy and mass spectrometry applied to plant products: Identification of ecdysteroids from <i>Silene otites</i> . <i>Chromatographia</i> , 1999, 49, 374-378.	1.3	59
308	High-Performance Liquid Chromatography On-Line Coupled to High-Field NMR and Mass Spectrometry for Structure Elucidation of Constituents of <i>Hypericum perforatum</i> L.. <i>Analytical Chemistry</i> , 1999, 71, 5235-5241.	6.5	130
309	Size exclusion chromatography with UV detection coupled to on-line ¹ H-NMR and on-line collection via a dedicated interface for subsequent off-line FT-IR. <i>Analytical Communications</i> , 1999, 36, 85-87.	2.2	13
310	Methodology for assessing the properties of molecular imprinted polymers for solid phase extraction. <i>Analyst</i> , The, 1999, 124, 467-471.	3.5	44
311	Rapid multi-component detection of fluorinated drug metabolites in whole urine from a ¹⁹ F cassette™ dose study using high resolution ¹⁹ F NMR spectroscopy. <i>Analytical Communications</i> , 1999, 36, 259-261.	2.2	7
312	Insect Hormones and Insect Chemical Ecology. , 1999, , 263-375.		15
313	Studies on the metabolism of 4-fluoroaniline and 4-fluoroacetanilide in rat: formation of 4-acetamidophenol (paracetamol) and its metabolites via defluorination and N-acetylation. <i>Xenobiotica</i> , 1999, 29, 205-216.	1.1	21
314	Superheated Heavy Water as the Eluent for HPLC-NMR and HPLC-NMR-MS of Model Drugs. <i>Analytical Chemistry</i> , 1999, 71, 4493-4497.	6.5	73
315	Investigation of the quantitative metabolic fate and urinary excretion of 3-methyl-4-trifluoromethylaniline and 3-methyl-4-trifluoromethylacetanilide in the rat. <i>Drug Metabolism and Disposition</i> , 1999, 27, 1171-8.	3.3	12
316	Practical aspects of the use of high performance liquid chromatography combined with simultaneous nuclear magnetic resonance and mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 1732-1736.	1.5	15
317	The application of high performance liquid chromatography, coupled to nuclear magnetic resonance spectroscopy and mass spectrometry (HPLC-NMR-MS), to the characterisation of ibuprofen metabolites from human urine. <i>Chromatographia</i> , 1998, 47, 264-270.	1.3	56
318	Molecular imprints as sorbents for solid phase extraction: potential and applications. <i>Analytical Communications</i> , 1998, 35, 13-14.	2.2	57
319	¹⁹ F-NMR and directly coupled HPLC-NMR-MS investigations into the metabolism of 2-bromo-4-trifluoromethylaniline in rat: a urinary excretion balance study without the use of radiolabelling. <i>Xenobiotica</i> , 1998, 28, 373-388.	1.1	61
320	On-flow identification of metabolites of paracetamol from human urine using directly coupled CZE-NMR and CEC-NMR spectroscopy. <i>Analytical Communications</i> , 1998, 35, 213-215.	2.2	52
321	Superheated deuterium oxide reversed-phase chromatography coupled to proton nuclear magnetic resonance spectroscopy. <i>Analytical Communications</i> , 1998, 35, 261-263.	2.2	35
322	Directly coupled CZE-NMR and CEC-NMR spectroscopy for metabolite analysis: paracetamol metabolites in human urine. <i>Analyst</i> , The, 1998, 123, 2835-2837.	3.5	53
323	Effect of diet on the urinary excretion of hippuric acid and other dietary-derived aromatics in rat. A complex interaction between diet, gut microflora and substrate specificity. <i>Xenobiotica</i> , 1998, 28, 527-537.	1.1	190
324	Directly Coupled HPLC-NMR and Its Application to Drug Metabolism. <i>Drug Metabolism Reviews</i> , 1997, 29, 705-746.	3.6	104

#	ARTICLE	IF	CITATIONS
325	NMR spectroscopic studies on the metabolism and futile deacetylation of phenacetin in the rat. <i>Xenobiotica</i> , 1997, 27, 1175-1186.	1.1	14
326	Evaluation of a Molecular-imprinted Polymer for use in the Solid Phase Extraction of Propranolol From Biological Fluids. <i>Analytical Communications</i> , 1997, 34, 45-47.	2.2	114
327	Application of Directly Coupled High-performance Liquid Chromatography- ¹³ C Nuclear Magnetic Resonance-Mass Spectrometry to the Detection and Characterisation of the Metabolites of 2-Bromo-4-trifluoromethylaniline in Rat Urine. <i>Analytical Communications</i> , 1997, 34, 37-39.	2.2	24
328	Application of Capillary Electrophoresis-Mass Spectrometry to the Analysis of Urine Samples From Animals and Man Containing Paracetamol and Phenacetin and Their Metabolites. <i>Analytical Communications</i> , 1997, 34, 41-44.	2.2	22
329	Effect of Carbon Loading on the Extraction Properties of C-18 Bonded Silica Used for Solid-Phase Extraction of Acidic and Basic Analytes. <i>Analytical Chemistry</i> , 1997, 69, 2972-2975.	6.5	10
330	NMR and HPLC-NMR spectroscopic studies of futile deacetylation in paracetamol metabolites in rat and man. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 901-910.	2.8	25
331	Combined HPLC, NMR Spectroscopy, and Ion-Trap Mass Spectrometry with Application to the Detection and Characterization of Xenobiotic and Endogenous Metabolites in Human Urine. <i>Analytical Chemistry</i> , 1996, 68, 4431-4435.	6.5	169
332	Direct Characterization of Drug Glucuronide Isomers in Human Urine by HPLC-NMR Spectroscopy: Application to the Positional Isomers of 6,11-Dihydro-11-oxodibenz[b,e]oxepin-2-acetic Acid Glucuronide. <i>Analytical Chemistry</i> , 1996, 68, 2832-2837.	6.5	37
333	750 MHz HPLC-NMR Spectroscopic Studies on the Separation and Characterization of the Positional Isomers of the Glucuronides of 6,11-Dihydro-11-oxodibenz[b,e]oxepin-2-acetic Acid. <i>Analytical Chemistry</i> , 1996, 68, 106-110.	6.5	40
334	NMR Spectroscopic and Theoretical Chemistry Studies on the Internal Acyl Migration Reactions of the 1-O-Acyl- ¹⁴ C-glucopyranuronate Conjugates of 2-, 3-, and 4-(Trifluoromethyl)benzoic Acids. <i>Chemical Research in Toxicology</i> , 1996, 9, 1414-1424.	3.3	37
335	Measurement of Internal Acyl Migration Reaction Kinetics Using Directly Coupled HPLC-NMR: Application for the Positional Isomers of Synthetic (2-Fluorobenzoyl)-d-glucopyranuronic Acid. <i>Analytical Chemistry</i> , 1996, 68, 2564-2572.	6.5	41
336	¹ H and ¹⁹ F-nmr spectroscopic studies on the metabolism and urinary excretion of mono- and disubstituted phenols in the rat. <i>Xenobiotica</i> , 1996, 26, 255-273.	1.1	21
337	Direct coupling of chromatographic separations to NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 1996, 29, 1-49.	7.5	137
338	Development of a simple liquid chromatographic method for the separation of mixtures of positional isomers and anomers of synthetic 2-, 3- and 4-fluorobenzoic acid glucuronides formed via acyl migration reactions. <i>Biomedical Applications</i> , 1996, 685, 113-122.	1.7	19
339	High-performance liquid chromatography directly coupled to ¹⁹ F and ¹ H NMR for the analysis of mixtures of isomeric ester glucuronide conjugates of trifluoromethylbenzoic acids. <i>Journal of Chromatography A</i> , 1996, 728, 377-385.	3.7	25
340	Nuclear Magnetic Resonance and High-Performance Liquid Chromatography-Nuclear Magnetic Resonance Studies on the Toxicity and Metabolism of Ifosfamide. <i>Therapeutic Drug Monitoring</i> , 1996, 18, 498-505.	2.0	40
341	Solid state NMR and extraction studies on ¹³ C-phenyl-bonded stationary phases used for solid phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 1305-1312.	2.8	11
342	Assignment of the 750 MHz ¹ H NMR resonances from a mixture of transacylated ester glucuronic acid conjugates with the aid of oversampling and digital filtering during acquisition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 971-977.	2.8	13

#	ARTICLE	IF	CITATIONS
343	Identification of the Positional Isomers of 2-Fluorobenzoic acid 1-O-Acyl Glucuronide by Directly Coupled HPLC-NMR. <i>Analytical Chemistry</i> , 1995, 67, 3401-3404.	6.5	48
344	¹ H and ² H NMR spectroscopic studies on the metabolism and biochemical effects of 2-bromoethanamine in the rat. <i>Biochemical Pharmacology</i> , 1995, 49, 1349-1359.	4.4	40
345	High resolution NMR spectroscopic studies on the metabolism and futile deacetylation of 4-hydroxyacetanilide (paracetamol) in the rat. <i>Biochemical Pharmacology</i> , 1995, 49, 1155-1164.	4.4	33
346	750-MHz directly coupled HPLC-NMR: Application for the sequential characterization of the positional isomers and anomers of 2-, 3-, and 4-fluorobenzoic acid glucuronides in equilibrium mixtures. <i>Analytical Chemistry</i> , 1995, 67, 4441-4445.	6.5	45
347	Identification of non-steroidal anti-inflammatory drugs and their metabolites in solid phase extracts of human urine using capillary electrophoresis-mass spectrometry. <i>Analytical Proceedings</i> , 1995, 32, 459-462.	0.4	18
348	Comparison of the properties of a normal and base deactivated bonded silica gel for the solid phase extraction of [¹⁴ C]-propranolol. <i>Analytical Proceedings</i> , 1995, 32, 179.	0.4	3
349	Evaluation of liquid chromatography coupled with high-field ¹ H NMR spectroscopy for drug metabolite detection and characterization: The identification of paracetamol metabolites in urine and bile. <i>NMR in Biomedicine</i> , 1994, 7, 295-303.	2.8	58
350	Improvement in the characterization of minor drug metabolites from HPLC-NMR studies through the use of quantified maximum entropy processing of NMR spectra. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994, 12, 419-424.	2.8	14
351	Characterisation of C18-bonded silicas for solid-phase extraction by solid-state NMR spectroscopy. <i>Journal of Chromatography A</i> , 1994, 665, 253-258.	3.7	30
352	Photo-isomerization of azadirachtin studied by high performance liquid chromatography coupled to high field proton NMR spectroscopy. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1499.	0.9	37
353	Proton Nuclear Magnetic Spectroscopy: A Novel Method for the Study of Solid Phase Extraction. , 1994, , 37-52.		0
354	Investigation of the human metabolism of antipyrine using coupled liquid chromatography and nuclear magnetic resonance spectroscopy of urine. <i>Biomedical Applications</i> , 1993, 617, 324-328.	1.7	35
355	Boronic esters as derivatives for supercritical fluid chromatography of ecdysteroids. <i>Journal of Chromatography A</i> , 1993, 639, 281-285.	3.7	5
356	Coupling of HPLC with ¹⁹ F- and ¹ H-NMR spectroscopy to investigate the human urinary excretion of flurbiprofen metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993, 11, 1009-1015.	2.8	59
357	An investigation of the effects of carbon loading and endcapping on the solid-phase extraction of β -blockers onto C18 bonded silica gel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993, 11, 671-677.	2.8	11
358	Micellar capillary electrophoresis of the ecdysteroids. <i>Chromatographia</i> , 1993, 37, 37-42.	1.3	11
359	The chromatographic properties of a mixed-bed stationary phase combining reversed-phase and strong anion exchange properties. <i>Chromatographia</i> , 1993, 37, 60-64.	1.3	15
360	Quantitative structure chromatography relationships in reversed-phase high performance liquid chromatography: Prediction of retention behaviour using theoretically derived molecular properties. <i>Chromatographia</i> , 1993, 37, 241-249.	1.3	20

#	ARTICLE	IF	CITATIONS
361	Induction of 5-oxoprolinuria in the rat following chronic feeding with N-acetyl 4-aminophenol (paracetamol). <i>Biochemical Pharmacology</i> , 1993, 46, 953-957.	4.4	55
362	Hyphenated methods. <i>Analytical Proceedings</i> , 1993, 30, 390.	0.4	14
363	High-performance liquid chromatography coupled to high-field proton nuclear magnetic resonance spectroscopy: application to the urinary metabolites of ibuprofen. <i>Analytical Chemistry</i> , 1993, 65, 327-330.	6.5	135
364	¹ H-NMR Spectroscopy as a Means of Monitoring Nephrotoxicity as Exemplified by Studies with Cephaloridine. <i>Human and Experimental Toxicology</i> , 1992, 11, 35-41.	2.2	10
365	Advances in capillary electrophoresis. Micellar capillary electrophoresis of ecdysteroids. <i>Analytical Proceedings</i> , 1992, 29, 386.	0.4	10
366	Quantitative structure-metabolism relationships for substituted benzoic acids in the rat. <i>Biochemical Pharmacology</i> , 1992, 44, 1935-1946.	4.4	44
367	Thin layer chromatography/mass spectrometry: The advantages of tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 608-615.	1.5	26
368	Liquid chromatography coupled with high-field proton NMR for profiling human urine for endogenous compounds and drug metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992, 10, 601-605.	2.8	34
369	Biomedical and pharmaceutical chemistry. <i>Analytical Proceedings</i> , 1991, 28, 177.	0.4	0
370	Use of high-field nuclear magnetic resonance spectroscopy for the analysis of biological fluids. <i>Analytical Proceedings</i> , 1991, 28, 217.	0.4	8
371	¹² C-hydroxybutyrate: a urinary marker of imipenem induced nephrotoxicity in the cynomolgus monkey detected by high field ¹ H NMR spectroscopy. <i>Biochemical Pharmacology</i> , 1991, 41, 2045-2049.	4.4	15
372	NMR-monitored solid-phase extraction of phenolphthalein glucuronide on phenylboronic acid and C18 bonded phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1991, 9, 895-899.	2.8	14
373	Derivatized ¹² C-cyclodextrins combined with high field NMR for enantiomer analysis: application to ICI		

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379	Packed column supercritical-fluid chromatography and linked super-critical-fluid chromatography-mass spectrometry for the analysis of phytoecdysteroids from <i>Silene nutans</i> and <i>Silene otites</i> . <i>Journal of Chromatography A</i> , 1989, 467, 292-298.	3.7	30
380	High resolution proton magnetic resonance spectroscopy of biological fluids. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 1989, 21, 449-501.	7.5	570
381	Supercritical fluid chromatography of ecdysteroids. <i>Journal of Chromatography A</i> , 1988, 436, 497-502.	3.7	25
382	Solid phase extraction chromatography and NMR spectroscopy (SPEC-NMR) for the rapid identification of drug metabolites in urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988, 6, 151-165.	2.8	47
383	Revised method of proton NMR urinalysis for detecting inborn errors of metabolism: a critique.. <i>Clinical Chemistry</i> , 1988, 34, 213-215.	3.2	1
384	Revised method of proton NMR urinalysis for detecting inborn errors of metabolism: a critique. <i>Clinical Chemistry</i> , 1988, 34, 213-5.	3.2	1
385	The metabolism of ingested and injected [³ H]ecdysone by final instar larvae of <i>Heliothis armigera</i> . <i>Physiological Entomology</i> , 1987, 12, 321-330.	1.5	60
386	Solid-phase extraction chromatography and nuclear magnetic resonance spectrometry for the identification and isolation of drug metabolites in urine. <i>Analytical Chemistry</i> , 1987, 59, 2830-2832.	6.5	71
387	The use of C18 bonded silica in the solid phase extraction of basic drugs – possible role for ionic interactions with residual silanols. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1987, 5, 723-727.	2.8	40
388	High resolution nuclear magnetic resonance spectroscopy of biological samples as an aid to drug development. , 1987, 31, 427-479.		54
389	A rapid method for the isolation and identification of drug metabolites from human urine using solid phase extraction and proton NMR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1986, 4, 663-665.	2.8	32
390	PH dependent formation of ¹⁴ C-glucuronidase resistant conjugates from the biosynthetic ester glucuronide of isoxepac. <i>Biochemical Pharmacology</i> , 1981, 30, 3381-3384.	4.4	47
391	The chemical control of arthropod moulting. <i>Pest Management Science</i> , 1978, 9, 272-277.	0.4	1
392	Biomedical and Pharmaceutical Applications of HPLC-NMR and HPLC-NMR-MS. , 0, , 45-87.		5