

Georgios Theodoridis

List of Publications by Year in descending order

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Version: 2024-02-01

216
papers

10,353
citations

41323

49
h-index

40954

93
g-index

226
all docs

226
docs citations

226
times ranked

10975
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of religious fasting on metabolic and hematological profile in both dyslipidemic and non-dyslipidemic fasters. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 891-898.	1.3	7
2	Optimisation of the HS-SPME/GC-MS Approach by Design of Experiments Combined with Chemometrics for the Classification of Cretan Virgin Olive Oils. <i>Metabolites</i> , 2022, 12, 114.	1.3	12
3	Liquid chromatography-mass spectrometry method for the determination of polyethylene terephthalate and polybutylene terephthalate cyclic oligomers in blood samples. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1503-1512.	1.9	14
4	Quantitative structure retention relationship (QSRR) modelling for Analytes™ retention prediction in LC-HRMS by applying different Machine Learning algorithms and evaluating their performance. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1191, 123132.	1.2	20
5	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.	1.8	15
6	A HILIC-MS/MS method development and validation for the quantitation of 13 acylcarnitines in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3095-3108.	1.9	3
7	Correlation of Serum Acylcarnitines with Clinical Presentation and Severity of Coronary Artery Disease. <i>Biomolecules</i> , 2022, 12, 354.	1.8	13
8	Application of a hybrid zwitterionic hydrophilic interaction liquid chromatography column in metabolic profiling studies. <i>Journal of Chromatography A</i> , 2022, 1672, 463013.	1.8	8
9	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.	1.4	43
10	Development, Validation and Application of an Ultra-High-Performance Liquid Chromatography–Tandem Mass Spectrometry (UHPLC-MS/MS) Method after QuEChERS Cleanup for Selected Dichloroanilines and Phthalates in Rice Samples. <i>Foods</i> , 2022, 11, 1482.	1.9	7
11	Metabolomics biomarkers in association with nutritional interventions in cardiovascular disease. , 2022, 2, .		0
12	Syncope without prodromes is associated with excessive plasma release of adenosine at the time of syncope during head-up tilt table test. <i>International Journal of Cardiology</i> , 2022, 363, 43-48.	0.8	2
13	Development and Validation of a Single Step GC/MS Method for the Determination of 41 Drugs and Drugs of Abuse in Postmortem Blood. <i>Forensic Sciences</i> , 2022, 2, 473-491.	0.8	3
14	A UHPLC–MS-MS Method for the Determination of 84 Drugs of Abuse and Pharmaceuticals in Blood. <i>Journal of Analytical Toxicology</i> , 2021, 45, 28-43.	1.7	20
15	Serum Ceramides as Prognostic Biomarkers of Large Thrombus Burden in Patients with STEMI: A Micro-Computed Tomography Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 89.	1.1	12
16	FoodOmicsGR_RI: A Consortium for Comprehensive Molecular Characterisation of Food Products. <i>Metabolites</i> , 2021, 11, 74.	1.3	14
17	Correlation of the severity of coronary artery disease with patients' metabolic profile- rationale, design and baseline patient characteristics of the CorLipid trial. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 79.	0.7	15
18	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.	1.2	14

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19	Development and validation of LC-MS/MS method for the determination of UV-filters across human skin in vitro. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1167, 122561.	1.2	6
20	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.	1.8	14
21	Diminished Systemic Amino Acids Metabolome and Lipid Peroxidation in Ureteropelvic Junction Obstruction (UPJO) Infants Requiring Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 1467.	1.0	3
22	Development and Validation of a UHPLC-qTOF MS Method for the Determination of Sorbitol-Based Nuclear Clarifying Agents in Food Simulants after Migration from Food Contact Materials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3789.	1.3	1
23	Association of GRACE Risk Score with Coronary Artery Disease Complexity in Patients with Acute Coronary Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 2210.	1.0	8
24	MO1011 IDENTIFICATION OF EARLY BIOMARKERS OF PERITONEAL MEMBRANE DYSFUNCTION IN CHILDREN ON PERITONEAL DIALYSIS USING METABOLOMICS ANALYSIS -PRELIMINARY RESULTS OF AN ONGOING PROSPECTIVE STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
25	Development and validation of a RPLC-MS/MS method for the quantification of ceramides in human serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1175, 122734.	1.2	10
26	Microbiota "Fingerprint" of Greek Feta Cheese through Ripening. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5631.	1.3	16
27	Development and validation of an UHPLC-qTOF-MS method for the quantification of cyclic polyesters oligomers in pasta by applying a modified QuEChERS clean-up. <i>Food Chemistry</i> , 2021, 347, 129040.	4.2	11
28	Evaluation of Cocaine Effect on Endogenous Metabolites of HepG2 Cells Using Targeted Metabolomics. <i>Molecules</i> , 2021, 26, 4610.	1.7	7
29	Biodegradation of expanded polystyrene by mealworm larvae under different feeding strategies evaluated by metabolic profiling using GC-TOF-MS. <i>Chemosphere</i> , 2021, 281, 130840.	4.2	24
30	A fast SALLE GC-MS/MS multi-analyte method for the determination of 75 food packaging substances in food simulants. <i>Food Chemistry</i> , 2021, 361, 129998.	4.2	14
31	Polystyrene Biodegradation by <i>Tenebrio molitor</i> Larvae: Identification of Generated Substances Using a GC-MS Untargeted Screening Method. <i>Polymers</i> , 2021, 13, 17.	2.0	26
32	Analysis of urinary organic acids by gas chromatography tandem mass spectrometry method for metabolic profiling applications. <i>Journal of Chromatography A</i> , 2021, 1658, 462590.	1.8	11
33	Grapevine and Wine Metabolomics-Based Guidelines for FAIR Data and Metadata Management. <i>Metabolites</i> , 2021, 11, 757.	1.3	16
34	Plasma Lipidomic and Metabolomic Profiling after Birth in Neonates Born to SARS-CoV-19 Infected and Non-Infected Mothers at Delivery: Preliminary Results. <i>Metabolites</i> , 2021, 11, 830.	1.3	5
35	HILIC-MS/MS Analysis of Adenosine in Patient Blood. <i>Separations</i> , 2021, 8, 222.	1.1	5
36	Adenosine plasma levels and adenosine receptor levels determine the outcome of adenosine test and head-up tilt test in syncopal patients with a normal heart. <i>European Heart Journal</i> , 2021, 42, .	1.0	1

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37	Liquid chromatographic methods combined with mass spectrometry in metabolomics. , 2020, , 149-169.		2
38	Determination of bisphenol A in canned food by microwave assisted extraction, molecularly imprinted polymer-solid phase extraction and liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1137, 121938.	1.2	37
39	A targeted approach for studying the effect of sugar bee feeding on the metabolic profile of Royal Jelly. Journal of Chromatography A, 2020, 1616, 460783.	1.8	17
40	GC-NICI-MS analysis of acetazolamide and other sulfonamide (R-SO ₂ -NH ₂) drugs as pentafluorobenzyl derivatives [R-SO ₂ -N(PFB) ₂] and quantification of pharmacological acetazolamide in human urine. Journal of Pharmaceutical Analysis, 2020, 10, 49-59.	2.4	8
41	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LC-MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	1.4	56
42	Development and validation of a fast gas chromatography mass spectrometry method for the quantification of selected non-intentionally added substances and polystyrene/polyurethane oligomers in liquid food simulants. Analytica Chimica Acta, 2020, 1130, 49-59.	2.6	32
43	Effects of Aging, Long-Term and Lifelong Exercise on the Urinary Metabolic Footprint of Rats. Metabolites, 2020, 10, 481.	1.3	2
44	Development of a UHPLC-MS/MS method for the determination of 84 pharmaceuticals and drugs of abuse in human liver. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1151, 122192.	1.2	16
45	Virgin olive oil metabolomics: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1150, 122161.	1.2	31
46	Mass spectrometry: principles and instrumentation. , 2020, , 525-552.		11
47	Effect of exercise on key pharmacokinetic parameters related to metformin absorption in healthy humans: A pilot study. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 858-864.	1.3	4
48	Serum-Targeted HILIC-MS Metabolomics-Based Analysis in Infants with Ureteropelvic Junction Obstruction. Journal of Proteome Research, 2020, 19, 2294-2303.	1.8	9
49	Baseline adenosine plasma levels indicate differential response to adenosine test and head-up tilt test in syncopal patients. European Heart Journal, 2020, 41, .	1.0	1
50	Preface. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1128, 121787.	1.2	0
51	Comparison of the Serum Metabolic Fingerprint of Different Exercise Modes in Men with and without Metabolic Syndrome. Metabolites, 2019, 9, 116.	1.3	16
52	Development and validation of an ultra high performance liquid chromatography-tandem mass spectrometry method for the determination of phthalate esters in Greek grape marc spirits. Journal of Chromatography A, 2019, 1603, 165-178.	1.8	21
53	The Strong Antioxidant Sheep/Goat Whey Protein Protects Against mTOR Overactivation in Rats: A Mode of Action Mimicking Fasting. Antioxidants, 2019, 8, 71.	2.2	12
54	Urine and fecal samples targeted metabolomics of carobs treated rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1114-1115, 76-85.	1.2	13

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55	A pilot case-control study of urine metabolomics in preterm neonates with necrotizing enterocolitis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 10-21.	1.2	19
56	Untargeted LC/MS-based metabolic phenotyping (metabonomics/metabolomics): The state of the art. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 136-147.	1.2	106
57	P6573 Adenosine plasma levels may determine tilt table test outcome in syncopal patients with prodromal symptoms. <i>European Heart Journal</i> , 2019, 40, .	1.0	1
58	GC-MS-Based Metabolic Phenotyping. , 2019, , 137-169.		3
59	Targeted urine metabolomics in preterm neonates with intraventricular hemorrhage. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 240-248.	1.2	10
60	¹ H NMR-based metabolomics reveals the effect of maternal habitual dietary patterns on human amniotic fluid profile. <i>Scientific Reports</i> , 2018, 8, 4076.	1.6	18
61	Metabolic Profiling: Status, Challenges, and Perspective. <i>Methods in Molecular Biology</i> , 2018, 1738, 3-13.	0.4	8
62	Rat Fecal Metabolomics-Based Analysis. <i>Methods in Molecular Biology</i> , 2018, 1738, 149-157.	0.4	18
63	Quality Control and Validation Issues in LC-MS Metabolomics. <i>Methods in Molecular Biology</i> , 2018, 1738, 15-26.	0.4	28
64	HILIC-MS/MS Multi-Targeted Method for Metabolomics Applications. <i>Methods in Molecular Biology</i> , 2018, 1738, 65-81.	0.4	13
65	Quantification of 15 Psychotropic Drugs in Serum and Postmortem Blood Samples after a Modified Mini-QuEChERS by UHPLC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2018, 42, 337-345.	1.7	31
66	Targeted profiling of hydrophilic constituents of royal jelly by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1531, 53-63.	1.8	19
67	Wine and grape marc spirits metabolomics. <i>Metabolomics</i> , 2018, 14, 159.	1.4	16
68	Metabolomics: An Analytical Perspective. , 2018, , 82-82.		1
69	Determination of drugs of abuse and pharmaceuticals in skeletal tissue by UHPLC-MS/MS. <i>Forensic Science International</i> , 2018, 290, 137-145.	1.3	40
70	Targeted LC-MS/MS for the evaluation of proteomics biomarkers in the blood of neonates with necrotizing enterocolitis and late-onset sepsis. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7163-7175.	1.9	24
71	NSAIDs Determination in Human Serum by GC-MS. <i>Separations</i> , 2018, 5, 37.	1.1	13
72	Sample preparation optimization in fecal metabolic profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 115-123.	1.2	62

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73	Amniotic Fluid and Maternal Serum Metabolic Signatures in the Second Trimester Associated with Preterm Delivery. <i>Journal of Proteome Research</i> , 2017, 16, 898-910.	1.8	48
74	Urine metabolomics in neonates with late-onset sepsis in a case-control study. <i>Scientific Reports</i> , 2017, 7, 45506.	1.6	37
75	Impact of exercise on fecal and cecal metabolome over aging: a longitudinal study in rats. <i>Bioanalysis</i> , 2017, 9, 21-36.	0.6	18
76	Investigation of the derivatization conditions for GC-MS metabolomics of biological samples. <i>Bioanalysis</i> , 2017, 9, 53-65.	0.6	65
77	Hyphenated MS-based targeted approaches in metabolomics. <i>Analyst</i> , The, 2017, 142, 3079-3100.	1.7	72
78	A GC-MS method for the detection and quantitation of ten major drugs of abuse in human hair samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 141-150.	1.2	39
79	Effects of Different Exercise Modes on the Urinary Metabolic Fingerprint of Men with and without Metabolic Syndrome. <i>Metabolites</i> , 2017, 7, 5.	1.3	25
80	The Role of Sarcosine, Uracil, and Kynurenic Acid Metabolism in Urine for Diagnosis and Progression Monitoring of Prostate Cancer. <i>Metabolites</i> , 2017, 7, 9.	1.3	30
81	Impact of Exercise and Aging on Rat Urine and Blood Metabolome. An LC-MS Based Metabolomics Longitudinal Study. <i>Metabolites</i> , 2017, 7, 10.	1.3	22
82	Sample Preparation Strategies for the Effective Quantitation of Hydrophilic Metabolites in Serum by Multi-Targeted HILIC-MS/MS. <i>Metabolites</i> , 2017, 7, 13.	1.3	24
83	Metabolic phenotyping (metabonomics/metabolomics) by liquid chromatography-mass spectrometry. , 2017, , 245-265.		0
84	Response Of The Serum Metabolic Fingerprint To Postprandial Vs. Postabsorptive Exercise In Overweight Sedentary Men. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1016.	0.2	0
85	Urine metabolomic profile in neonates with hypoxic-ischemic encephalopathy. <i>Hippokratia</i> , 2017, 21, 80-84.	0.3	6
86	Understanding neonatal hypoxic-ischemic encephalopathy with metabolomics. <i>Hippokratia</i> , 2017, 21, 115-123.	0.3	7
87	Chromatography: High-Performance Liquid Chromatography. , 2016, , 93-99.		7
88	Analytical tools and protocols in oxidative stress. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 1-3.	1.2	2
89	Mass Spectrometry: Principles and Instrumentation. , 2016, , 661-668.		6
90	Pathway analysis of prenatal exposure to phthalates and child motor development. <i>Toxicology Letters</i> , 2016, 258, S213.	0.4	0

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91	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.	1.8	35
92	Global Metabolic Stress of Isoeffort Continuous and High Intensity Interval Aerobic Exercise: A Comparative ¹ H NMR Metabonomic Study. <i>Journal of Proteome Research</i> , 2016, 15, 4452-4463.	1.8	33
93	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.	1.2	78
94	The ovarian response to standard gonadotropin stimulation is influenced by AMHRII genotypes. <i>Gynecological Endocrinology</i> , 2016, 32, 641-645.	0.7	12
95	Affinity-based separations in bioanalysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 1-2.	1.2	2
96	Studying the effect of storage conditions on the metabolite content of red wine using HILIC LC-MS based metabolomics. <i>Food Chemistry</i> , 2016, 197, 1331-1340.	4.2	52
97	Solid phase extraction methodology for UPLC-MS based metabolic profiling of urine samples. <i>Electrophoresis</i> , 2015, 36, 2170-2178.	1.3	15
98	Development and validation of a HILIC-MS/MS multitargeted method for metabolomics applications. <i>Electrophoresis</i> , 2015, 36, 2215-2225.	1.3	77
99	Multivariate analysis of chromatographic retention data as a supplementary means for grouping structurally related compounds. <i>Journal of Chromatography A</i> , 2015, 1387, 49-52.	1.8	5
100	An overview of fecal sample preparation for global metabolic profiling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 137-150.	1.4	104
101	Computational analysis and ratiometric comparison approaches aimed to assist column selection in hydrophilic interaction liquid chromatography-tandem mass spectrometry targeted metabolomics. <i>Journal of Chromatography A</i> , 2015, 1406, 145-155.	1.8	22
102	In vitro evaluation of the antibiofilm properties of chlorhexidine and delmopinol on dental implant surfaces. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 662-666.	1.1	13
103	Intelligent Energy Systems: Introducing Power-ICT Interdependency in Modeling and Control Design. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 2468-2477.	5.2	26
104	Monitoring the Response of the Human Urinary Metabolome to Brief Maximal Exercise by a Combination of RP-UPLC-MS and ¹ H NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2015, 14, 4610-4622.	1.8	46
105	Advances in liquid chromatography coupled to mass spectrometry for metabolic phenotyping. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 181-191.	5.8	53
106	GC-MS analysis of blood for the metabonomic investigation of the effects of physical exercise and allopurinol administration on rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 127-131.	1.2	21
107	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.	1.2	88
108	Current practice of liquid chromatography-mass spectrometry in metabolomics and metabonomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 12-25.	1.4	348

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109	GC-MS analysis of organic acids in human urine in clinical settings: A study of derivatization and other analytical parameters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 964, 195-201.	1.2	49
110	Quantitative and qualitative analysis of hemicellulose, cellulose and lignin bio-oils by comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1369, 147-160.	1.8	46
111	The Role of Mass Spectrometry in Nontargeted Metabolomics. <i>Comprehensive Analytical Chemistry</i> , 2014, , 213-233.	0.7	2
112	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.	1.8	74
113	Preface. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, vii-viii.	1.2	0
114	Rapid multi-method for the determination of growth promoters in bovine milk by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 930, 22-29.	1.2	19
115	Global metabolic profiling of animal and human tissues via UPLC-MS. <i>Nature Protocols</i> , 2013, 8, 17-32.	5.5	774
116	Liquid Chromatographic Methods Combined with Mass Spectrometry in Metabolomics. , 2013, , 145-161.		2
117	¹ H NMR Study on the Short- and Long-Term Impact of Two Training Programs of Sprint Running on the Metabolic Fingerprint of Human Serum. <i>Journal of Proteome Research</i> , 2013, 12, 470-480.	1.8	82
118	Applications of SPE-MIP in the Field of Food Analysis. , 2012, , 457-471.		6
119	Sampling and Sample Preparation for LC-MS-Based Metabonomics/Metabolomics of Samples of Mammalian Origin. , 2012, , 339-357.		3
120	Chapter 14. Application of UHPLC-MS to Metabolomic/metabonomic Studies in Man. <i>RSC Chromatography Monographs</i> , 2012, , 387-428.	0.1	0
121	Determination of Dapsone in Muscle Tissue and Milk Using High-Performance Liquid Chromatography-tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 29-35.	2.4	7
122	Liquid chromatography-mass spectrometry based global metabolite profiling: A review. <i>Analytica Chimica Acta</i> , 2012, 711, 7-16.	2.6	452
123	Determination of Carbadox and metabolites of Carbadox and Olaquinox in muscle tissue using high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 881-882, 90-95.	1.2	47
124	Quantitative profiling of polar primary metabolites using hydrophilic interaction ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1259, 121-127.	1.8	105
125	A QC approach to the determination of day-to-day reproducibility and robustness of LC-MS methods for global metabolite profiling in metabonomics/metabolomics. <i>Bioanalysis</i> , 2012, 4, 2239-2247.	0.6	71
126	Investigation of chronic alcohol consumption in rodents via ultra-high-performance liquid chromatography-mass spectrometry based metabolite profiling. <i>Journal of Chromatography A</i> , 2012, 1259, 128-137.	1.8	22

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127	Hydrophilic interaction ultra performance liquid chromatography retention prediction under gradient elution. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 701-709.	1.9	32
128	LC-MS based global metabolite profiling of grapes: solvent extraction protocol optimisation. <i>Metabolomics</i> , 2012, 8, 175-185.	1.4	72
129	Determination of venlafaxine in post-mortem whole blood by HS-SPME and GC-NPD. <i>Forensic Science International</i> , 2012, 215, 105-109.	1.3	28
130	Retention prediction of a set of amino acids under gradient elution conditions in hydrophilic interaction liquid chromatography. <i>Journal of Separation Science</i> , 2012, 35, 376-383.	1.3	18
131	Extraction methods for the removal of phospholipids and other endogenous material from a biological fluid. <i>Bioanalysis</i> , 2011, 3, 2747-2755.	0.6	12
132	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.	1.8	59
133	Sample preparation prior to the LC-MS-based metabolomics/metabonomics of blood-derived samples. <i>Bioanalysis</i> , 2011, 3, 1647-1661.	0.6	82
134	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
135	Attenuation of Propofol Tolerance Conferred by Remifentanyl Co-Administration Does Not Reduce Propofol Toxicity in Rabbits Under Prolonged Mechanical Ventilation. <i>Journal of Surgical Research</i> , 2011, 168, 253-261.	0.8	7
136	HILIC-UPLC-MS for Exploratory Urinary Metabolic Profiling in Toxicological Studies. <i>Analytical Chemistry</i> , 2011, 83, 382-390.	3.2	135
137	Mass spectrometry-based holistic analytical approaches for metabolite profiling in systems biology studies. <i>Mass Spectrometry Reviews</i> , 2011, 30, 884-906.	2.8	171
138	Metabolite profiling on apple volatile content based on solid phase microextraction and gas-chromatography time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4517-4524.	1.8	100
139	Determination of anabolic steroids in bovine serum by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 225-229.	1.2	18
140	A GC-MS metabolic profiling study of plasma samples from mice on low- and high-fat diets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1467-1475.	1.2	32
141	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.	0.6	45
142	Daptomycin determination by liquid chromatography-mass spectrometry in peritoneal fluid, blood plasma, and urine of clinical patients receiving peritoneal dialysis treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2191-2197.	1.9	36
143	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.	1.3	38
144	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. <i>Journal of Separation Science</i> , 2010, 33, 716-727.	1.3	180

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145	Global metabolic profiling procedures for urine using UPLC-MS. <i>Nature Protocols</i> , 2010, 5, 1005-1018.	5.5	867
146	Site and Strain-Specific Variation in Gut Microbiota Profiles and Metabolism in Experimental Mice. <i>PLoS ONE</i> , 2010, 5, e8584.	1.1	186
147	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.	3.2	58
148	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.	1.8	59
149	¹ H NMR-Based Metabonomic Investigation of the Effect of Two Different Exercise Sessions on the Metabolic Fingerprint of Human Urine. <i>Journal of Proteome Research</i> , 2010, 9, 6405-6416.	1.8	106
150	Design of Secondary Settling Tanks Using a CFD Model. <i>Journal of Environmental Engineering, ASCE</i> , 2009, 135, 551-561.	0.7	19
151	Validated Assay for the Determination of Mitoxantrone in Pharmaceuticals Using Capillary Zone Electrophoresis. <i>Analytical Letters</i> , 2009, 42, 842-855.	1.0	4
152	Analysis of anaesthetics and analgesics in human urine by headspace SPME and GC. <i>Journal of Separation Science</i> , 2009, 32, 1018-1026.	1.3	43
153	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.	1.4	27
154	pH- and temperature-sensitive polymeric microspheres for drug delivery: the dissolution of copolymers modulates drug release. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2465-2475.	1.7	38
155	Determination of anabolic steroids in bovine urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2330-2336.	1.2	48
156	Gel permeation chromatography clean-up for the determination of gestagens in kidney fat by liquid chromatography-tandem mass spectrometry and validation according to 2002/657/EC. <i>Journal of Chromatography A</i> , 2009, 1216, 8067-8071.	1.8	15
157	Determination of anabolic steroids in muscle tissue by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8072-8079.	1.8	58
158	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.	1.8	159
159	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
160	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.	0.7	35
161	Capillary electrophoretic chiral separation of <i>Cinchona</i> alkaloids using a cyclodextrin selector. <i>Journal of Separation Science</i> , 2008, 31, 1130-1136.	1.3	28
162	Molecularly imprinted polymers for bisphenol A for HPLC and SPE from water and milk. <i>Journal of Separation Science</i> , 2008, 31, 2272-2282.	1.3	103

#	ARTICLE	IF	CITATIONS
163	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.	1.3	121
164	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.	1.2	66
165	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.	1.2	215
166	Hyphenated techniques for global metabolite profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 871, 141-142.	1.2	7
167	Liquid chromatography and ultra-performance liquid chromatography-mass spectrometry fingerprinting of human urine. <i>Journal of Chromatography A</i> , 2008, 1189, 314-322.	1.8	178
168	LC-MS-based methodology for global metabolite profiling in metabonomics/metabolomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 251-260.	5.8	306
169	A new method for the HPLC determination of gamma-hydroxybutyric acid (GHB) following derivatization with a coumarin analogue and fluorescence detection. <i>Talanta</i> , 2008, 75, 356-361.	2.9	25
170	Determination of Anabolic Steroids in Muscle Tissue by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8325-8330.	2.4	21
171	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.	1.8	459
172	Penetration of linezolid into sternal bone of patients undergoing cardiopulmonary bypass surgery. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 742-744.	1.1	12
173	Headspace Solid-Phase Microextraction for the Gas Chromatographic Analysis of Organophosphorus Insecticides in Vegetables. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1677-1681.	0.7	11
174	Sequential injection affinity chromatography utilizing an albumin immobilized monolithic column to study drug-protein interactions. <i>Journal of Chromatography A</i> , 2007, 1144, 126-134.	1.8	21
175	Automated sample treatment by flow techniques prior to liquid-phase separations. <i>Journal of Proteomics</i> , 2007, 70, 243-252.	2.4	21
176	Penetration of moxifloxacin into sternal bone of patients undergoing routine cardiopulmonary bypass surgery. <i>International Journal of Antimicrobial Agents</i> , 2006, 28, 428-432.	1.1	21
177	Solid phase microextraction applied to the analysis of organophosphorus insecticides in fruits. <i>Chemosphere</i> , 2006, 65, 2090-2095.	4.2	52
178	Coupling of sequential injection with liquid chromatography for the automated derivatization and on-line determination of amino acids. <i>Talanta</i> , 2006, 69, 841-847.	2.9	21
179	Incorporation of a monolithic column into sequential injection system for drug-protein binding studies. <i>Journal of Chromatography A</i> , 2006, 1121, 46-54.	1.8	19
180	Coupling of sequential injection analysis and capillary electrophoresis Laser-induced fluorescence via a valve interface for on-line derivatization and analysis of amino acids and peptides. <i>Journal of Chromatography A</i> , 2006, 1132, 297-303.	1.8	35

#	ARTICLE	IF	CITATIONS
181	Application of solid-phase microextraction in the investigation of protein binding of pharmaceuticals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 238-244.	1.2	34
182	Molecular imprinting of natural flavonoid antioxidants: Application in solid-phase extraction for the sample pretreatment of natural products prior to HPLC analysis. <i>Journal of Separation Science</i> , 2006, 29, 2310-2321.	1.3	63
183	Tolerance to Propofol's Sedative Effect in Mechanically Ventilated Rabbits. <i>Anesthesia and Analgesia</i> , 2006, 103, 359-365.	1.1	24
184	Novel Advanced Approaches in Sample Preparation and Analyte Detection for Bioanalysis. <i>Current Pharmaceutical Analysis</i> , 2006, 2, 385-404.	0.3	10
185	Solid phase microextraction gas chromatographic analysis of organophosphorus pesticides in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 194-200.	1.2	81
186	Normal spectrophotometric and stopped-flow spectrofluorimetric sequential injection methods for the determination of alendronic acid, an anti-osteoporosis amino-bisphosphonate drug, in pharmaceuticals. <i>Analytica Chimica Acta</i> , 2005, 547, 98-103.	2.6	16
187	Rapid spectrofluorimetric determination of lisinopril in pharmaceutical tablets using sequential injection analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 759-63.	1.9	17
188	Automated sample preparation based on the sequential injection principle. <i>Journal of Chromatography A</i> , 2004, 1030, 69-76.	1.8	81
189	Synthesis and evaluation of molecularly imprinted polymers for enalapril and lisinopril, two synthetic peptide anti-hypertensive drugs. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 804, 43-51.	1.2	14
190	On-line coupling of sequential injection with liquid chromatography for the automated derivatization and determination of γ -aminobutyric acid in human biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 169-175.	1.2	24
191	Headspace solid phase microextraction for the gas chromatographic analysis of methyl-parathion in post-mortem human samples. <i>Forensic Science International</i> , 2004, 143, 127-132.	1.3	32
192	Study of multiple solid-phase microextraction combined off-line with high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2004, 516, 197-204.	2.6	40
193	Chromatographic preconcentration coupled on-line to capillary electrophoresis via a Tee-split interface. <i>Journal of Chromatography A</i> , 2004, 1053, 263-268.	1.8	21
194	Flow and Sequential Injection Manifolds for the Spectrophotometric Determination of Captopril Based on its Oxidation by Fe(III). <i>Mikrochimica Acta</i> , 2003, 142, 55-62.	2.5	29
195	Preparation of a molecularly imprinted polymer for the solid-phase extraction of scopolamine with hyoscyamine as a dummy template molecule. <i>Journal of Chromatography A</i> , 2003, 987, 103-109.	1.8	106
196	Determination of amphetamines in human urine by headspace solid-phase microextraction and gas chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 59-63.	1.2	70
197	Reversed flow-injection manifold for the spectrophotometric determination of captopril based on its inhibitory effect on the Co(II)-2,2'-dipyridyl-2-pyridylhydrazone complex formation. <i>Talanta</i> , 2002, 57, 575-581.	2.9	35
198	Sensitive determination of captopril by flow injection analysis with chemiluminescence detection based on the enhancement of the luminol reaction. <i>Analytica Chimica Acta</i> , 2002, 463, 249-255.	2.6	53

#	ARTICLE	IF	CITATIONS
199	Immunoaffinity chromatography for the sample pretreatment of <i>Taxus</i> plant and cell extracts prior to analysis of taxanes by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2002, 948, 177-185.	1.8	18
200	Selective solid-phase extraction sorbent for caffeine made by molecular imprinting. <i>Journal of Chromatography A</i> , 2002, 948, 163-169.	1.8	138
201	ANALYSIS OF TAXINES IN <i>TAXUS</i> PLANT MATERIAL AND CELL CULTURES BY HPLC PHOTODIODE ARRAY AND HPLC-ELECTROSPRAY MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 2267-2282.	0.5	13
202	Solid-phase microextraction for the analysis of biological samples. <i>Biomedical Applications</i> , 2000, 745, 49-82.	1.7	195
203	Solid-phase microextraction for the analysis of biological samples. <i>Journal of Chromatography B, Biomedical Sciences and Applications</i> , 2000, 745, 49-82.	0.2	4
204	Induction of geranylgeranyl diphosphate synthase activity and taxane accumulation in <i>Taxus baccata</i> cell cultures after elicitation by methyl jasmonate. <i>Plant Science</i> , 1999, 147, 1-8.	1.7	42
205	Determination of paclitaxel and related diterpenoids in plant extracts by high-performance liquid chromatography with UV detection in high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 802, 297-305.	1.8	40
206	Investigation of chromatographic behaviour of ethoxylated alcohol surfactants in normal-phase and reversed-phase systems using high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 813, 299-311.	1.8	72
207	Application of SPE for the HPLC analysis of taxanes from <i>Taxus</i> cell cultures. <i>Chromatographia</i> , 1998, 47, 25-34.	0.7	20
208	A study of the behaviour of some new column materials in the chromatographic analysis of <i>Catharanthus</i> alkaloids. <i>Chromatographia</i> , 1997, 45, 52-58.	0.7	5
209	Taxol Analysis by High Performance Liquid Chromatography: A Review. <i>Phytochemical Analysis</i> , 1996, 7, 169-184.	1.2	25
210	Reversed-phase high-performance liquid chromatography-photodiode-array analysis of alkaloid drugs of forensic interest. <i>Biomedical Applications</i> , 1995, 668, 253-263.	1.7	10
211	A study of the behaviour of some new column materials in the chromatographic analysis of <i>Cinchona</i> alkaloids. <i>Chromatographia</i> , 1995, 41, 153-160.	0.7	12
212	A study of the behaviour of some new column materials in the chromatographic analysis of <i>Cinchona</i> alkaloids. <i>Chromatographia</i> , 1995, 41, 153-160.	0.7	9
213	A Comparative Study of Different Solid Phase Extraction Procedures for the Analysis of Alkaloids of Forensic Interest in Biological Fluids by RP-HPLC/Diode Array. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995, 18, 1973-1995.	0.9	20
214	Comparative Study of Different Solid-Phase Extraction Cartridges in the Simultaneous RP-HPLC Analysis of Morphine and Codeine in Biological Fluids. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993, 16, 3017-3040.	0.9	13
215	High-Performance Liquid Chromatographic Analysis of Theophylline in the Presence of Caffeine in Blood Serum and Pharmaceutical Formulations. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991, 14, 1587-1603.	0.9	8
216	Quick and Simple Simultaneous Determination for Some Amino Acids by Reversed-Phase HPLC with Uv Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991, 14, 1409-1416.	0.9	5