

# Helen G Gika

## List of Publications by Year in descending order

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133  
papers

6,735  
citations

100601

38  
h-index

73587

79  
g-index

139  
all docs

139  
docs citations

139  
times ranked

8742  
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	A hydrophilic liquid chromatography tandem mass spectrometry method for the determination of phenylephrine in dried blood spots from preterm infants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1190, 123084.	1.2	0
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	Impact of Metabolomics Technologies on the Assessment of Peritoneal Membrane Profiles in Peritoneal Dialysis Patients: A Systematic Review. <i>Metabolites</i> , 2022, 12, 145.	1.3	3
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	Investigation of salivary biomarkers as indicators of skeletal and dental maturity in children. <i>Orthodontics and Craniofacial Research</i> , 2022, , .	1.2	1
10	Detection and determination of C12, C14, C16 alkyl dimethylamines in human blood using gas chromatography mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9303.	0.7	0
11	Efficacy and safety of Mydriatic Microdrops for Retinopathy Of Prematurity Screening (MyMiROPS): study protocol for a non-inferiority crossover randomized controlled trial. <i>Trials</i> , 2022, 23, 322.	0.7	1
12	Prognostic significance of metabolomic biomarkers in patients with diabetes mellitus and coronary artery disease. <i>Cardiovascular Diabetology</i> , 2022, 21, 70.	2.7	18
13	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
14	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
15	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
16	Risk factors for fatal drowning in a Greek region: a retrospective case-control study. <i>Injury Prevention</i> , 2021, 27, injuryprev-2020-043788.	1.2	5
17	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
18	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

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19	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
20	FoodOmicsGR_RI: A Consortium for Comprehensive Molecular Characterisation of Food Products. <i>Metabolites</i> , 2021, 11, 74.	1.3	14
21	A Study of Blood Fatty Acids Profile in Hyperlipidemic and Normolipidemic Subjects in Association with Common PNPLA3 and ABCB1 Polymorphisms. <i>Metabolites</i> , 2021, 11, 90.	1.3	3
22	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
23	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
24	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
25	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
26	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
27	Population Pharmacokinetics and Outcomes of Critically Ill Pediatric Patients Treated with Intravenous Colistin at Higher Than Recommended Doses. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	7
28	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
29	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
30	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
31	Evaluation of Cocaine Effect on Endogenous Metabolites of HepG2 Cells Using Targeted Metabolomics. <i>Molecules</i> , 2021, 26, 4610.	1.7	7
32	Liquid chromatography tandem mass spectrometry for the determination of nine insecticides and fungicides in human postmortem blood and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122824.	1.2	15
33	Headspace gas chromatography-mass spectrometry in the analysis of lavender's essential oil: Optimization by response surface methodology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122852.	1.2	14
34	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
35	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
36	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

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37	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
38	HILIC-MS/MS Analysis of Adenosine in Patient Blood. <i>Separations</i> , 2021, 8, 222.	1.1	5
39	Gut Microbiome and Degradation Product Formation during Biodegradation of Expanded Polystyrene by Mealworm Larvae under Different Feeding Strategies. <i>Molecules</i> , 2021, 26, 7568.	1.7	11
40	Liquid chromatographic methods combined with mass spectrometry in metabolomics. , 2020, , 149-169.		2
41	Simple Method for the Determination of Lacosamide in Blood by GC-MS. <i>Journal of Forensic Sciences</i> , 2020, 65, 288-294.	0.9	4
42	A targeted approach for studying the effect of sugar bee feeding on the metabolic profile of Royal Jelly. <i>Journal of Chromatography A</i> , 2020, 1616, 460783.	1.8	17
43	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. <i>Analytica Chimica Acta</i> , 2020, 1130, 49-59.	2.6	32
44	In Vitro Evaluation of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) Containing Room Temperature Ionic Liquids (RTILs) for the Oral Delivery of Amphotericin B. <i>Pharmaceutics</i> , 2020, 12, 699.	2.0	27
45	GC-MS analysis of underivatized new psychoactive substances in whole blood and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1156, 122308.	1.2	12
46	Metabolic Phenotyping Study of Mouse Brains Following Acute or Chronic Exposures to Ethanol. <i>Journal of Proteome Research</i> , 2020, 19, 4071-4081.	1.8	11
47	Emerging Biomarkers for Prediction and Early Diagnosis of Necrotizing Enterocolitis in the Era of Metabolomics and Proteomics. <i>Frontiers in Pediatrics</i> , 2020, 8, 602255.	0.9	38
48	Population Pharmacokinetics of Teicoplanin in Preterm and Term Neonates: Is It Time for a New Dosing Regimen?. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	8
49	Development of a UHPLC-MS/MS method for the determination of 84 pharmaceuticals and drugs of abuse in human liver. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1151, 122192.	1.2	16
50	Towards the development of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) containing trimethyl chitosan for the oral delivery of amphotericin B: In vitro assessment and cytocompatibility studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101524.	1.4	18
51	Analytical and Sample Preparation Techniques for the Determination of Food Colorants in Food Matrices. <i>Foods</i> , 2020, 9, 58.	1.9	52
52	Effect of exercise on key pharmacokinetic parameters related to metformin absorption in healthy humans: A pilot study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 858-864.	1.3	4
53	Serum-Targeted HILIC-MS Metabolomics-Based Analysis in Infants with Ureteropelvic Junction Obstruction. <i>Journal of Proteome Research</i> , 2020, 19, 2294-2303.	1.8	9
54	Alprazolam and Zolpidem in Skeletal Tissue of Decomposed Body Confirms Exposure. <i>Journal of Forensic Sciences</i> , 2019, 64, 643-646.	0.9	4

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55	Study of Fecal and Urinary Metabolite Perturbations Induced by Chronic Ethanol Treatment in Mice by UHPLC-MS/MS Targeted Profiling. <i>Metabolites</i> , 2019, 9, 232.	1.3	16
56	Preface. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121787.	1.2	0
57	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. <i>Journal of Chromatography A</i> , 2019, 1603, 165-178.	1.8	21
58	Urine and fecal samples targeted metabolomics of carobs treated rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1114-1115, 76-85.	1.2	13
59	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
60	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
61	GC-MS-Based Metabolic Phenotyping. , 2019, , 137-169.		3
62	Cutting-edge analytical technologies for the comprehensive metabolic profiling of <i>Alkanna tinctoria</i> roots cultured in greenhouse conditions. , 2019, 85, .		0
63	Metabolic Profiling: Status, Challenges, and Perspective. <i>Methods in Molecular Biology</i> , 2018, 1738, 3-13.	0.4	8
64	Rat Fecal Metabolomics-Based Analysis. <i>Methods in Molecular Biology</i> , 2018, 1738, 149-157.	0.4	18
65	Quality Control and Validation Issues in LC-MS Metabolomics. <i>Methods in Molecular Biology</i> , 2018, 1738, 15-26.	0.4	28
66	HILIC-MS/MS Multi-Targeted Method for Metabolomics Applications. <i>Methods in Molecular Biology</i> , 2018, 1738, 65-81.	0.4	13
67	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
68	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
69	Metabolomics: An Analytical Perspective. , 2018, , 82-82.		1
70	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
71	NSAIDs Determination in Human Serum by GC-MS. <i>Separations</i> , 2018, 5, 37.	1.1	13
72	Multitargeted hydrophilic interaction chromatography-MS/MS: limitations and perspectives. <i>Bioanalysis</i> , 2018, 10, 1165-1167.	0.6	3

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73	An ultra-high pressure liquid chromatography-tandem mass spectrometry method for the quantification of teicoplanin in plasma of neonates. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 215-222.	1.2	20
74	A hydrophilic interaction chromatography-tandem mass spectrometry method for amino acid profiling in mussels. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 197-206.	1.2	31
75	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
76	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
77	Metabolic profiling study of shikonin's cytotoxic activity in the Huh7 human hepatoma cell line. <i>Molecular BioSystems</i> , 2017, 13, 841-851.	2.9	10
78	Urine metabolomics in neonates with late-onset sepsis in a case-control study. <i>Scientific Reports</i> , 2017, 7, 45506.	1.6	37
79	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
80	Investigation of the derivatization conditions for GC-MS metabolomics of biological samples. <i>Bioanalysis</i> , 2017, 9, 53-65.	0.6	65
81	Analytical Methodologies for the Assessment of Phthalate Exposure in Humans. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 279-297.	1.8	26
82	Hyphenated MS-based targeted approaches in metabolomics. <i>Analyst</i> , The, 2017, 142, 3079-3100.	1.7	72
83	QSRR Modeling for Metabolite Standards Analyzed by Two Different Chromatographic Columns Using Multiple Linear Regression. <i>Metabolites</i> , 2017, 7, 7.	1.3	19
84	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
85	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
86	Metabolic phenotyping (metabonomics/metabolomics) by liquid chromatography-mass spectrometry. , 2017, , 245-265.		0
87	In vivo study of pro-inflammatory cytokine changes in serum and synovial fluid during treatment with celecoxib and etoricoxib and correlation with VAS pain change and synovial membrane penetration index in patients with inflammatory arthritis. <i>Mediterranean Journal of Rheumatology</i> , 2017, 28, 33-40.	0.3	5
88	Metabolic Profiling Approaches for Biomarkers of Ethanol Intake. , 2016, , 213-222.		1
89	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
90	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

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91	Solid phase extraction methodology for UPLC-MS based metabolic profiling of urine samples. <i>Electrophoresis</i> , 2015, 36, 2170-2178.	1.3	15
92	Development and validation of a HILIC-MS/MS multitargeted method for metabolomics applications. <i>Electrophoresis</i> , 2015, 36, 2215-2225.	1.3	77
93	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
94	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
95	Global metabolic profiling for the study of alcohol-related disorders. <i>Bioanalysis</i> , 2014, 6, 59-77.	0.6	18
96	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
97	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
98	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
99	The Role of Mass Spectrometry in Nontargeted Metabolomics. <i>Comprehensive Analytical Chemistry</i> , 2014, , 213-233.	0.7	2
100	Liquid Chromatographic Methods Combined with Mass Spectrometry in Metabolomics. , 2013, , 145-161.		2
101	Liquid chromatography-mass spectrometry based global metabolite profiling: A review. <i>Analytica Chimica Acta</i> , 2012, 711, 7-16.	2.6	452
102	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
103	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
104	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
105	Hydrophilic interaction ultra performance liquid chromatography retention prediction under gradient elution. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 701-709.	1.9	32
106	LC-MS based global metabolite profiling of grapes: solvent extraction protocol optimisation. <i>Metabolomics</i> , 2012, 8, 175-185.	1.4	72
107	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
108	Sample preparation prior to the LC-MS-based metabolomics/metabonomics of blood-derived samples. <i>Bioanalysis</i> , 2011, 3, 1647-1661.	0.6	82

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109	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
110	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
111	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
112	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
113	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. <i>Journal of Separation Science</i> , 2010, 33, 716-727.	1.3	180
114	Global metabolic profiling procedures for urine using UPLC-MS. <i>Nature Protocols</i> , 2010, 5, 1005-1018.	5.5	867
115	Site and Strain-Specific Variation in Gut Microbiota Profiles and Metabolism in Experimental Mice. <i>PLoS ONE</i> , 2010, 5, e8584.	1.1	186
116	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
117	<sup>1</sup> 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
118	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
119	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
120	Application of Ultra Performance Liquid Chromatography-Mass Spectrometry to Profiling Rat and Dog Bile. <i>Journal of Proteome Research</i> , 2009, 8, 2495-2500.	1.8	62
121	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
122	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
123	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
124	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
125	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
126	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



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127	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
128	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
129	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
130	Development of a validated HPLC method for the determination of iodotyrosines and iodothyronines in pharmaceuticals and biological samples using solid phase extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 814, 163-172.	1.2	44
131	Peak Purity Determination with a Diode Array Detector. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 1083-1092.	0.5	30
132	Direct separation and quantitative analysis of thyroxine and triiodothyronine enantiomers in pharmaceuticals by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 800, 193-201.	1.2	50
133	RAPID HPLC ANALYSIS OF THYROID GLAND HORMONES TRI-IODOETHYRONINE (T3) AND THYROXINE (T4) IN HUMAN BIOLOGICAL FLUIDS AFTER SPE. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 681-692.	0.5	24