

Helen G Gika

List of Publications by Year in descending order

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133
papers

6,735
citations

87886

38
h-index

64791

79
g-index

139
all docs

139
docs citations

139
times ranked

8047
citing authors

#	ARTICLE	IF	CITATIONS
1	Global metabolic profiling procedures for urine using UPLC-MS. <i>Nature Protocols</i> , 2010, 5, 1005-1018.	12.0	867
2	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
3	Liquid chromatography-mass spectrometry based global metabolite profiling: A review. <i>Analytica Chimica Acta</i> , 2012, 711, 7-16.	5.4	452
4	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
5	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
6	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
7	Site and Strain-Specific Variation in Gut Microbiota Profiles and Metabolism in Experimental Mice. <i>PLoS ONE</i> , 2010, 5, e8584.	2.5	186
8	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. <i>Journal of Separation Science</i> , 2010, 33, 716-727.	2.5	180
9	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
10	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
11	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
12	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
13	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.	3.7	106
14	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.	2.3	106
15	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.	3.7	105
16	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
17	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.	3.7	100
18	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

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19	Sample preparation prior to the LC-MS-based metabolomics/metabonomics of blood-derived samples. <i>Bioanalysis</i> , 2011, 3, 1647-1661.	1.5	82
20	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
21	Development and validation of a HILIC-MS/MS multitargeted method for metabolomics applications. <i>Electrophoresis</i> , 2015, 36, 2215-2225.	2.4	77
22	LC-MS based global metabolite profiling of grapes: solvent extraction protocol optimisation. <i>Metabolomics</i> , 2012, 8, 175-185.	3.0	72
23	Hyphenated MS-based targeted approaches in metabolomics. <i>Analyst</i> , 2017, 142, 3079-3100.	3.5	72
24	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.	1.5	71
25	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
26	Investigation of the derivatization conditions for GC-MS metabolomics of biological samples. <i>Bioanalysis</i> , 2017, 9, 53-65.	1.5	65
27	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
28	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.	2.3	62
29	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
30	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
31	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.	8.2	52
32	Analytical and Sample Preparation Techniques for the Determination of Food Colorants in Food Matrices. <i>Foods</i> , 2020, 9, 58.	4.3	52
33	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.	2.3	50
34	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.	2.3	49
35	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.	3.7	48
36	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

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37	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.	2.3	44
38	Analysis of anaesthetics and analgesics in human urine by headspace SPME and GC. <i>Journal of Separation Science</i> , 2009, 32, 1018-1026.	2.5	43
39	Determination of drugs of abuse and pharmaceuticals in skeletal tissue by UHPLC-MS/MS. <i>Forensic Science International</i> , 2018, 290, 137-145.	2.2	40
40	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.	1.9	38
41	Urine metabolomics in neonates with late-onset sepsis in a case-control study. <i>Scientific Reports</i> , 2017, 7, 45506.	3.3	37
42	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.	3.7	36
43	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
44	Hydrophilic interaction ultra performance liquid chromatography retention prediction under gradient elution. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 701-709.	3.7	32
45	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.	5.4	32
46	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.	2.3	31
47	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.	2.8	31
48	Peak Purity Determination with a Diode Array Detector. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 1083-1092.	1.0	30
49	Quality Control and Validation Issues in LC-MS Metabolomics. <i>Methods in Molecular Biology</i> , 2018, 1738, 15-26.	0.9	28
50	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
51	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.	4.5	27
52	Analytical Methodologies for the Assessment of Phthalate Exposure in Humans. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 279-297.	3.5	26
53	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.	4.5	26
54	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.	1.0	24

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55	Sample Preparation Strategies for the Effective Quantitation of Hydrophilic Metabolites in Serum by Multi-Targeted HILIC-MS/MS. <i>Metabolites</i> , 2017, 7, 13.	2.9	24
56	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.	3.7	22
57	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.	3.7	22
58	Impact of Exercise and Aging on Rat Urine and Blood Metabolome. An LC-MS Based Metabolomics Longitudinal Study. <i>Metabolites</i> , 2017, 7, 10.	2.9	22
59	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.	3.7	21
60	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.	2.3	20
61	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.	2.8	20
62	QSRR Modeling for Metabolite Standards Analyzed by Two Different Chromatographic Columns Using Multiple Linear Regression. <i>Metabolites</i> , 2017, 7, 7.	2.9	19
63	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.	3.7	19
64	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.	2.3	19
65	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.	2.5	18
66	Global metabolic profiling for the study of alcohol-related disorders. <i>Bioanalysis</i> , 2014, 6, 59-77.	1.5	18
67	Impact of exercise on fecal and cecal metabolome over aging: a longitudinal study in rats. <i>Bioanalysis</i> , 2017, 9, 21-36.	1.5	18
68	Rat Fecal Metabolomics-Based Analysis. <i>Methods in Molecular Biology</i> , 2018, 1738, 149-157.	0.9	18
69	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.	3.0	18
70	Prognostic significance of metabolomic biomarkers in patients with diabetes mellitus and coronary artery disease. <i>Cardiovascular Diabetology</i> , 2022, 21, 70.	6.8	18
71	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.	3.7	17
72	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.	2.9	16

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73	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.	2.3	16
74	Solid phase extraction methodology for UPLC-MS based metabolic profiling of urine samples. <i>Electrophoresis</i> , 2015, 36, 2170-2178.	2.4	15
75	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.	1.7	15
76	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.	2.3	15
77	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
78	FoodOmicsGR_RI: A Consortium for Comprehensive Molecular Characterisation of Food Products. <i>Metabolites</i> , 2021, 11, 74.	2.9	14
79	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
80	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.	2.3	14
81	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.	8.2	14
82	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.	3.7	14
83	HILIC-MS/MS Multi-Targeted Method for Metabolomics Applications. <i>Methods in Molecular Biology</i> , 2018, 1738, 65-81.	0.9	13
84	NSAIDs Determination in Human Serum by GC-MS. <i>Separations</i> , 2018, 5, 37.	2.4	13
85	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.	2.3	13
86	Correlation of Serum Acylcarnitines with Clinical Presentation and Severity of Coronary Artery Disease. <i>Biomolecules</i> , 2022, 12, 354.	4.0	13
87	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.	2.3	12
88	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.	2.5	12
89	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
90	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.	8.2	11

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91	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.	3.7	11
92	Gut Microbiome and Degradation Product Formation during Biodegradation of Expanded Polystyrene by Mealworm Larvae under Different Feeding Strategies. <i>Molecules</i> , 2021, 26, 7568.	3.8	11
93	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
94	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.	2.3	10
95	Serum-Targeted HILIC-MS Metabolomics-Based Analysis in Infants with Ureteropelvic Junction Obstruction. <i>Journal of Proteome Research</i> , 2020, 19, 2294-2303.	3.7	9
96	Metabolic Profiling: Status, Challenges, and Perspective. <i>Methods in Molecular Biology</i> , 2018, 1738, 3-13.	0.9	8
97	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, .	3.2	8
98	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.	2.4	8
99	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
100	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, .	3.2	7
101	Evaluation of Cocaine Effect on Endogenous Metabolites of HepG2 Cells Using Targeted Metabolomics. <i>Molecules</i> , 2021, 26, 4610.	3.8	7
102	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.	2.9	7
103	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.	4.3	7
104	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.	2.3	6
105	Risk factors for fatal drowning in a Greek region: a retrospective case-control study. <i>Injury Prevention</i> , 2021, 27, injuryprev-2020-043788.	2.4	5
106	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.	0.8	5
107	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.	2.9	5
108	HILIC-MS/MS Analysis of Adenosine in Patient Blood. <i>Separations</i> , 2021, 8, 222.	2.4	5

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109	Alprazolam and Zolpidem in Skeletal Tissue of Decomposed Body Confirms Exposure. <i>Journal of Forensic Sciences</i> , 2019, 64, 643-646.	1.6	4
110	Simple Method for the Determination of Lacosamide in Blood by GC-MS. <i>Journal of Forensic Sciences</i> , 2020, 65, 288-294.	1.6	4
111	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.	2.9	4
112	Multitargeted hydrophilic interaction chromatography-MS/MS: limitations and perspectives. <i>Bioanalysis</i> , 2018, 10, 1165-1167.	1.5	3
113	GC-MS-Based Metabolic Phenotyping. , 2019, , 137-169.		3
114	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.	2.9	3
115	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.	2.4	3
116	Impact of Metabolomics Technologies on the Assessment of Peritoneal Membrane Profiles in Peritoneal Dialysis Patients: A Systematic Review. <i>Metabolites</i> , 2022, 12, 145.	2.9	3
117	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.	3.7	3
118	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.	1.5	3
119	Liquid Chromatographic Methods Combined with Mass Spectrometry in Metabolomics. , 2013, , 145-161.		2
120	The Role of Mass Spectrometry in Nontargeted Metabolomics. <i>Comprehensive Analytical Chemistry</i> , 2014, , 213-233.	1.3	2
121	Liquid chromatographic methods combined with mass spectrometry in metabolomics. , 2020, , 149-169.		2
122	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
123	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.	1.7	2
124	Metabolic Profiling Approaches for Biomarkers of Ethanol Intake. , 2016, , 213-222.		1
125	Metabolomics: An Analytical Perspective. , 2018, , 82-82.		1
126	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.	2.5	1

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127	Investigation of salivary biomarkers as indicators of skeletal and dental maturity in children. Orthodontics and Craniofacial Research, 2022, , .	2.8	1
128	Efficacy and safety of Mydriatic Microdrops for Retinopathy Of Prematurity Screening (MyMiROPS): study protocol for a non-inferiority crossover randomized controlled trial. Trials, 2022, 23, 322.	1.6	1
129	Metabolic phenotyping (metabonomics/metabolomics) by liquid chromatography-mass spectrometry. , 2017, , 245-265.		0
130	Preface. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1128, 121787.	2.3	0
131	Cutting-edge analytical technologies for the comprehensive metabolic profiling of Alkanna tinctoria roots cultured in greenhouse conditions. , 2019, 85, .		0
132	A hydrophilic liquid chromatography â€“ tandem mass spectrometry method for the determination of phenylephrine in dried blood spots from preterm infants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1190, 123084.	2.3	0
133	Detection and determination of C12â€™, C14â€™, C16â€™alkyldimethylamines in human blood using gas chromatographyâ€™mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9303.	1.5	0