

# Quantitative analysis of endogenous compounds

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pharmacological indices and pulmonary distribution of rifampicin after repeated oral administration in healthy foals. <i>Equine Veterinary Journal</i> , 2017, 49, 618-623.	0.9	8
2	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. <i>Talanta</i> , 2017, 170, 552-561.	2.9	38
3	Quantitation of $\beta$ -aminobutyric acid in equine plasma by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 3239-3247.	1.3	3
4	Detailed analysis of cortisol, cortisone and their tetrahydro- and allo-tetrahydrometabolites in human urine by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 174-181.	1.4	16
5	A surrogate analyte-based liquid chromatography-tandem mass spectrometry method for the determination of endogenous cyclic nucleotides in rat brain. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 361-368.	1.4	18
6	A simple dilute and shoot approach incorporated with pentafluorophenyl (PFP) column based LC-MS/MS assay for the simultaneous determination of trimethylamine N-oxide and trimethylamine in spot urine samples with high throughput. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1067, 61-70.	1.2	7
7	Determination of endogenous inflammation-related lipid mediators in ischemic stroke rats using background subtracting calibration curves by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6537-6547.	1.9	13
8	Dependence of matrix effect on ionization polarity during LC-ESI-MS analysis of derivatized amino acids in some natural samples. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 245-253.	0.5	12
9	Immunoaffinity LC-MS/MS for quantitative determination of a free and total protein target as a target engagement biomarker. <i>Bioanalysis</i> , 2017, 9, 1573-1588.	0.6	23
10	A highly selective and sensitive LC-MS/HRMS assay for quantifying coproporphyrins as organic anion-transporting peptide biomarkers. <i>Bioanalysis</i> , 2017, 9, 1787-1806.	0.6	15
11	Standardized Procedure for the Simultaneous Determination of the Matrix Effect, Recovery, Process Efficiency, and Internal Standard Association. <i>Analytical Chemistry</i> , 2017, 89, 7560-7568.	3.2	46
12	Quantitative GC-MS assay of citric acid from humans and db/db mice blood serum to assist the diagnosis of diabetic nephropathy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1077-1078, 28-34.	1.2	11
13	Development, validation and comparison of surrogate matrix and surrogate analyte approaches with UHPLC-MS/MS to simultaneously quantify dopamine, serotonin and $\beta$ -aminobutyric acid in four rat brain regions. <i>Biomedical Chromatography</i> , 2018, 32, e4276.	0.8	9
14	Quantification of steroid hormones in plasma using a surrogate calibrant approach and UHPLC-ESI-QTOF-MS/MS with SWATH-acquisition combined with untargeted profiling. <i>Analytica Chimica Acta</i> , 2018, 1022, 70-80.	2.6	40
15	A HILIC-UHPLC-MS/MS untargeted urinary metabonomics combined with quantitative analysis of five polar biomarkers on osteoporosis rats after oral administration of Gushudan. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 40-49.	1.2	20
16	Simultaneous LC-MS/MS analysis of eicosanoids and related metabolites in human serum, sputum and BALF. <i>Biomedical Chromatography</i> , 2018, 32, e4102.	0.8	26
17	A simultaneously quantitative method to profiling twenty endogenous nucleosides and nucleotides in cancer cells using UHPLC-MS/MS. <i>Talanta</i> , 2018, 179, 615-623.	2.9	33
18	Accurate quantification of PGE 2 in the polyposis in rat colon (Pirc) model by surrogate analyte-based UPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 42-50.	1.4	8

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19	Dose-Dependent Increase in Unconjugated Cinnamic Acid Concentration in Plasma Following Acute Consumption of Polyphenol Rich Curry in the Polyspice Study. <i>Nutrients</i> , 2018, 10, 934.	1.7	9
20	Development of a UPLC-MS/MS method for the therapeutic monitoring of L-asparaginase. <i>Translational and Clinical Pharmacology</i> , 2018, 26, 134.	0.3	5
21	Linearity of Calibration Curves for Analytical Methods: A Review of Criteria for Assessment of Method Reliability. , 0, , .		41
22	Validated and rapid measurement of the ferric reducing antioxidant power in plasma samples. <i>Chemical Papers</i> , 2018, 72, 2561-2574.	1.0	4
23	LC-MS/MS assay for N <sup>1</sup> -methylnicotinamide in humans, an endogenous probe for renal transporters. <i>Bioanalysis</i> , 2018, 10, 673-689.	0.6	11
24	Determination of Branched-Chain Keto Acids in Serum and Muscles Using High Performance Liquid Chromatography-Quadrupole Time-of-Flight Mass Spectrometry. <i>Molecules</i> , 2018, 23, 147.	1.7	9
25	A multiplex HRMS assay for quantifying selected human plasma bile acids as candidate OATP biomarkers. <i>Bioanalysis</i> , 2018, 10, 645-657.	0.6	17
26	Biomarker Profiling for Pyridoxine Dependent Epilepsy in Dried Blood Spots by HILIC-ESI-MS. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-8.	0.4	7
27	A method for determination of aldosterone in adrenal tributary venous serum by derivatization using Girard P reagent isotopologues followed by LC/ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 106-113.	1.2	18
28	Determination of phosphatidylethanol 16:0/18:1 in whole blood by well supported liquid extraction and UHPLC-MS/MS. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22631.	0.9	18
29	Matrix effect evaluation and validation of the 2,2'-azino-bis (3-ethylbenzothiazoline-6-sulfonic acid) radical cation scavenging assay, as well as its application using a tejate, an ancient beverage in Mexico. <i>Chemical Papers</i> , 2019, 73, 2767-2781.	1.0	3
30	Development of an underivatized LC-MS/MS method for quantitation of 14 neurotransmitters in rat hippocampus, plasma and urine: Application to CUMS induced depression rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 683-695.	1.4	22
31	Development and validation of GC-MS/MS method useful in diagnosing intestinal dysbiosis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1130-1131, 121822.	1.2	7
32	Determination of four omega-3 polyunsaturated fatty acids by UPLC-MS/MS in plasma of hyperlipidemic and normolipidemic subjects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121762.	1.2	7
33	An Improved HILIC HPLC-MS/MS Method for the Determination of <sup>12</sup> -ODAP and Its $\pm$ Isomer in <i>Lathyrus sativus</i> . <i>Molecules</i> , 2019, 24, 3043.	1.7	7
34	Ultra-performance liquid chromatography-tandem mass spectrometry quantitative profiling of tryptophan metabolites in human plasma and its application to clinical study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121745.	1.2	27
35	Hair testing for cortisol by UPLC-MS/MS in a family: External cross-contamination from use of cortisol cream. <i>Forensic Science International</i> , 2019, 305, 109968.	1.3	15
36	Forensic analysis using ultra-high-performance liquid chromatography-tandem mass spectrometry with solid-phase extraction of $\pm$ -solanine and $\pm$ -chaconine in whole blood. <i>Forensic Toxicology</i> , 2019, 37, 197-206.	1.4	8

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37	A reliable LC-MS/MS method for the quantification of natural amino acids in mouse plasma: Method validation and application to a study on amino acid dynamics during hepatocellular carcinoma progression. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 72-81.	1.2	41
38	LC-MS/MS assay for the simultaneous determination of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2019, 144, 134-143.	1.3	19
39	Simultaneous determination of 24 opioids, stimulants and new psychoactive substances in wastewater. <i>MethodsX</i> , 2019, 6, 953-960.	0.7	34
40	An optimized analytical method for cellular targeted quantification of primary metabolites in tricarboxylic acid cycle and glycolysis using gas chromatography-tandem mass spectrometry and its application in three kinds of hepatic cell lines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 171-179.	1.4	14
41	Miniaturized imprinted solid phase extraction to the selective analysis of Coenzyme Q10 in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1116, 24-29.	1.2	6
42	Ultrahigh-Performance Liquid Chromatography Tandem Mass Spectrometry with Electrospray Ionization Quantification of Tryptophan Metabolites and Markers of Gut Health in Serum and Plasma—Application to Clinical and Epidemiology Cohorts. <i>Analytical Chemistry</i> , 2019, 91, 5207-5216.	3.2	72
43	Development and validation of an ultra-high performance liquid chromatography—tandem mass spectrometry method for the simultaneous determination of iohexol, p-aminohippuric acid and creatinine in porcine and broiler chicken plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 77-85.	1.2	18
44	Validation of a multiplexed LC—MS/MS clinical assay to quantify insulin-like growth factor-binding proteins in human serum and its application in a clinical study. <i>Toxicology and Applied Pharmacology</i> , 2019, 371, 74-83.	1.3	3
45	Cost-Effective HPLC-UV Method for Quantification of Vitamin D <sub>2</sub> and D <sub>3</sub> in Dried Blood Spot: A Potential Adjunct to Newborn Screening for Prophylaxis of Intractable Paediatric Seizures. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 88-95.	0.6	7
46	Quantification of endogenous neurotransmitters and related compounds by liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2019, 192, 93-102.	2.9	51
47	Bioanalytical method validation: new FDA guidance vs. EMA guideline. Better or worse?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 381-385.	1.4	103
48	Simultaneous determination of alpha-, beta- and gamma-hydroxybutyric acids in micro-pulverized human hair by GC-MS: Method development, validation and application. <i>Talanta</i> , 2019, 194, 576-584.	2.9	5
49	An integrative UHPLC-MS/MS untargeted metabonomics combined with quantitative analysis of the therapeutic mechanism of Si-Ni-San. <i>Analytical Biochemistry</i> , 2019, 567, 128-135.	1.1	6
50	Development and validation of a hydrophilic interaction ultra-high-performance liquid chromatography—tandem mass spectrometry method for rapid simultaneous determination of 19 free amino acids in rat plasma and urine. <i>Biomedical Chromatography</i> , 2019, 33, e4387.	0.8	15
51	Quantitative determination of potential urine biomarkers of respiratory illnesses using new targeted metabolomic approach. <i>Analytica Chimica Acta</i> , 2019, 1047, 81-92.	2.6	17
52	A sensitive analytical method for the measurement of neurotransmitter metabolites as potential population biomarkers in wastewater. <i>Journal of Chromatography A</i> , 2020, 1612, 460623.	1.8	16
53	Direct and indirect quantification of phosphate metabolites of nucleoside analogs in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112902.	1.4	6
54	A simultaneously quantitative profiling method for 40 endogenous amino acids and derivatives in cell lines using hydrophilic interaction liquid chromatography coupled with tandem mass spectrometry. <i>Talanta</i> , 2020, 207, 120256.	2.9	21

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55	Targeted metabolomics: Liquid chromatography coupled to mass spectrometry method development and validation for the identification and quantitation of modified nucleosides as putative cancer biomarkers. <i>Talanta</i> , 2020, 210, 120640.	2.9	20
56	Development, validation and application of LC-MS/MS method for quantification of amino acids, kynurenine and serotonin in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113018.	1.4	31
57	Analytical considerations for postmortem metabolomics using GC-high-resolution MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6241-6255.	1.9	7
58	Increasing clinical liquid chromatography/tandem mass spectrometry assay throughput using a full calibration curve generated by one injection from a single-tube calibrator. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8632.	0.7	6
59	Rapid and reliable HILIC-MS/MS method for monitoring allantoin as a biomarker of oxidative stress. <i>Analytical Biochemistry</i> , 2020, 589, 113509.	1.1	13
60	Development and validation of a UPLC-MS/MS method to quantify fructose in serum and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1155, 122299.	1.2	8
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62	Simultaneous quantification of intracellular concentrations of clinically important metabolites of folate-homocysteine cycle by LC-MS/MS. <i>Analytical Biochemistry</i> , 2020, 605, 113830.	1.1	6
63	Dried blood microsample-assisted determination of vitamins: Recent developments and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116057.	5.8	8
64	Supramolecular solvent-based high-throughput sample treatment for monitoring phytohormones in plant tissues. <i>Talanta</i> , 2020, 219, 121249.	2.9	9
65	Determination of prescribed and designer benzodiazepines and metabolites in influent wastewater. <i>Analytical Methods</i> , 2020, 12, 3637-3644.	1.3	26
66	Compensate for or Minimize Matrix Effects? Strategies for Overcoming Matrix Effects in Liquid Chromatography-Mass Spectrometry Technique: A Tutorial Review. <i>Molecules</i> , 2020, 25, 3047.	1.7	91
67	Development, validation and comparison of three LC-MS/MS methods for determination of endogenous striatal oleoyl ethanolamine in mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1142, 122041.	1.2	3
68	Determination of 27 amino acids™ levels in seminal plasma of asthenospermia and oligospermia patients and diagnostic value analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113211.	1.4	8
69	Quantification of aminobutyric acids and their clinical applications as biomarkers for osteoporosis. <i>Communications Biology</i> , 2020, 3, 39.	2.0	39
70	Enhancing LC/ESI-MS/MS Throughput for Plasma Bile Acid Assay by Derivatization-based Sample-Multiplexing. <i>Analytical Sciences</i> , 2020, 36, 1099-1104.	0.8	12
71	A background subtraction approach for determination of endogenous cortisol and 6 $\beta$ -hydroxycortisol in urine by UPLC-MS/MS with application in a within-day variability study in HIV-infected pregnant women. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1144, 122074.	1.2	3
72	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. <i>Talanta</i> , 2020, 217, 121034.	2.9	37

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73	Selection of a surrogate matrix for the quantification of an endogenous analyte in dried whole blood. <i>Bioanalysis</i> , 2020, 12, 409-418.	0.6	5
74	Simultaneous quantification of steroid hormones and endocannabinoids (ECs) in human hair using an automated supported liquid extraction (SLE) and LC-MS/MS – Insights into EC baseline values and correlation to steroid concentrations. <i>Talanta</i> , 2021, 222, 121499.	2.9	42
75	From a single steroid to the steroidome: Trends and analytical challenges. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 206, 105797.	1.2	41
76	Development and validation of a bioanalytical method of analyzing 3 <sup>α</sup> - and 6 <sup>α</sup> -sialyllactose using liquid chromatography–tandem mass spectrometry in minipig plasma and its application in a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113827.	1.4	1
77	Metabolic profiling of aromatic compounds in cerebrospinal fluid of neurosurgical patients using microextraction by packed sorbent and liquid–liquid extraction with gas chromatography–mass spectrometry analysis. <i>Biomedical Chromatography</i> , 2021, 35, e4969.	0.8	8
78	STRATEGIES AND CHALLENGES IN METHOD DEVELOPMENT AND VALIDATION FOR THE ABSOLUTE QUANTIFICATION OF ENDOGENOUS BIOMARKER METABOLITES USING LIQUID CHROMATOGRAPHY–TANDEM MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 31-52.	2.8	49
79	Overview, consequences, and strategies for overcoming matrix effects in LC-MS analysis: a critical review. <i>Analyst</i> , 2021, 146, 6049-6063.	1.7	53
80	An LC/MS/MS method for quantifying testosterone and dehydroepiandrosterone sulfate in four different serum samples during a single run. <i>Analytical Sciences</i> , 2022, 38, 167-173.	0.8	3
81	The 1 <sup>β</sup> -Hydroxy-Deoxycholic Acid to Deoxycholic Acid Urinary Metabolic Ratio: Toward a Phenotyping of CYP3A Using an Endogenous Marker?. <i>Journal of Personalized Medicine</i> , 2021, 11, 150.	1.1	3
82	Simultaneous Quantification of 3 <sup>α</sup> - and 6 <sup>α</sup> -Sialyllactose in Rat Plasma Using Liquid Chromatography-Tandem Mass Spectrometry and Its Application to a Pharmacokinetic Study. <i>Molecules</i> , 2021, 26, 1177.	1.7	4
83	An UHPLC-MS/MS method for simultaneous determination of ten sex steroid hormones in ovariectomy-induced osteoporosis rat and its application in discovery of sex steroid hormones regulatory components of Xian-Ling-Gu-Bao capsule. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113888.	1.4	8
84	Evaluation of a nanoflow interface based on the triple-tube coaxial sheath-flow sprayer for capillary electrophoresis-mass spectrometry coupling in metabolomics. <i>Journal of Chromatography A</i> , 2021, 1641, 461982.	1.8	5
85	Pinus pinaster Early Hormonal Defence Responses to Pinewood Nematode (Bursaphelenchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262	1.3	14
86	Simultaneous quantification of vitamin E and vitamin E metabolites in equine plasma and serum using LC-MS/MS. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 506-515.	0.5	3
87	Determination of histidine in human serum and urine by cation exchange chromatography coupled to selective on-line post column derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1173, 122697.	1.2	12
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89	A sensitive LC–MS/MS method for the study of exogenously administered 13 C <sup>18</sup> oleylethanolamide in rat plasma and brain tissue. <i>Journal of Separation Science</i> , 2021, 44, 2693-2704.	1.3	3
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92	A method and its application to determine the amount of cannabinoids in sewage sludge and biosolids. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59652-59664.	2.7	7
93	MG@PD@TiO <sub>2</sub> nanocomposite based magnetic solid phase extraction coupled with LC-MS/MS for determination of lysophosphatidylcholines biomarkers of plasma in psoriasis patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114101.	1.4	4
94	Glutamine Antagonist GA-607 Causes a Dramatic Accumulation of FGAR which can be used to Monitor Target Engagement. <i>Current Drug Metabolism</i> , 2021, 22, 735-745.	0.7	4
95	Simultaneous determination of melatonin and 6-hydroxymelatonin in human overnight urine by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1181, 122938.	1.2	6
96	Determination of non-cholesterol sterols in serum and HDL fraction by LC/MS-ms: Significance of matrix-related interferences. <i>Journal of Medical Biochemistry</i> , 2019, 39, 299-308.	0.7	4
97	A developed HPLC-MS/MS method to quantitate 5 steroid hormones in clinical human serum by using PBS as the surrogate matrix. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1186, 123002.	1.2	7
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99	A method for determination of aldosterone concentrations of six adrenal venous serum samples during a single LC/ESI-MS/MS run using a sextet of Girard reagents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114423.	1.4	7
101	Population Pharmacokinetics of Phosphocreatine and Its Metabolite Creatine in Children With Myocarditis. <i>Frontiers in Pharmacology</i> , 2020, 11, 574141.	1.6	2
102	Label-free cell assays to determine compound uptake or drug action using MALDI-TOF mass spectrometry. <i>Nature Protocols</i> , 2021, 16, 5533-5558.	5.5	12
103	Separation and determination of cysteine enantiomers in plasma after derivatization with 4-fluoro-7-nitrobenzofurazan. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 209, 114539.	1.4	8
104	Internal calibration as an emerging approach for endogenous analyte quantification: Application to steroids. <i>Talanta</i> , 2022, 240, 123149.	2.9	18
105	Analytical perspective on biomarkers research: from untargeted to targeted metabolomics. , 2022, , 545-586.		1
106	Development and validation of an UHPLC-Orbitrap-HRMS method for rapid determination of endogenous L-carnitine in patients on hemodialysis/peritoneal dialysis and its application to promote rational drug use. <i>Annals of Translational Medicine</i> , 2022, 10, 103-103.	0.7	0
107	Analyte recovery in LC-MS/MS bioanalysis: An old issue revisited. <i>Analytica Chimica Acta</i> , 2022, 1198, 339512.	2.6	1
108	A novel method for micropollutant quantification using deep learning and multi-objective optimization. <i>Water Research</i> , 2022, 212, 118080.	5.3	7
109	Development of an Electrochemical Sensor Using a Modified Carbon Paste Electrode with Silver Nanoparticles Capped with Saffron for Monitoring Mephedrone. <i>Sensors</i> , 2022, 22, 1625.	2.1	8

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110	Comparison of three parallelism assessment methods of biomarker quantification by LC-MS/MS: a case study of the bioanalysis of creatinine in human urine samples. <i>Bioanalysis</i> , 2022, 14, 279-287.	0.6	5
111	A validated LC-MS/MS method for the quantitation of cefazolin in human adipose tissue: Application of EMR-Lipid sorbent as an efficient sample clean-up before mass spectrometric analyses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114696.	1.4	3
112	Binding the gap between experiments, statistics, and method comparison: A tutorial for computing limits of detection and quantification in univariate calibration for complex samples. <i>Analytica Chimica Acta</i> , 2022, 1209, 339342.	2.6	15
113	Determining nonesterified and total docosahexaenoic acid and eicosapenoic acid concentrations by LC-MS/MS in the plasma of patients with schizophrenia. <i>Bioanalysis</i> , 2022, 14, 467-477.	0.6	0
114	Guanosine primes acute myeloid leukemia for differentiation via guanine nucleotide salvage synthesis.. <i>American Journal of Cancer Research</i> , 2022, 12, 427-444.	1.4	0
115	Measurement of 7-dehydrocholesterol and cholesterol in hair can be used in the diagnosis of Smith-Lemli-Opitz syndrome. <i>Journal of Lipid Research</i> , 2022, , 100228.	2.0	4
116	Quantification of carbohydrates in human serum using gas chromatography-mass spectrometry with the stable isotope-labeled internal standard method. <i>New Journal of Chemistry</i> , 0, , .	1.4	1
117	A quantitative metabolomics assay targeting 14 intracellular metabolites associated with the methionine transsulfuration pathway using LC-MS/MS in breast cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1205, 123314.	1.2	2
118	A miniaturized matrix solid-phase dispersion methodology ( $\mu$ MSPD) for determination of $\beta$ -carboline alkaloids in tobacco samples by UPLC-ESI-Q-TOF/MSE. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 218, 114871.	1.4	7
119	Ion-pair hollow fiber liquid-phase microextraction combined with capillary electrophoresis for the determination of biogenic amines in rat tissues. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, , 114909.	1.4	1
120	A Selective and Sensitive LC-MS/MS Method for Quantitation of Indole in Mouse Serum and Tissues. <i>Metabolites</i> , 2022, 12, 716.	1.3	1
121	Therapeutic drug monitoring of caffeine and its primary metabolites in plasma using LC-ESI-MS/MS for apnea of prematurity treatment: Evaluation of ultrapure water as a surrogate matrix. <i>Biomedical Chromatography</i> , 2022, 36, .	0.8	2
122	Development of a biomarker to monitor target engagement after treatment with dihydroorotate dehydrogenase inhibitors. <i>Biochemical Pharmacology</i> , 2022, 204, 115237.	2.0	1
123	Liquid chromatography-mass spectrometry measurements of blood diphosphoinositol pentakisphosphate levels. <i>Journal of Chromatography A</i> , 2022, 1681, 463450.	1.8	3
124	Determination of the endogenous OATP1B biomarkers glycochenodeoxycholate-3-sulfate and chenodeoxycholate-24-glucuronide in human and mouse plasma by a validated UHPLC-MS/MS method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1210, 123437.	1.2	3
125	Quantitation of endogenous GnRH by validated nano-HPLC-HRMS method: a pilot study on ewe plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 7623-7634.	1.9	1
126	Development of a Highly Sensitive and Rapid Liquid Chromatography-Tandem Mass Spectrometric Method Using a Basic Mobile Phase Additive to Determine the Characteristics of the Urinary Metabolites for Niemann-Pick Disease Type C. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 1259-1268.	0.6	2
127	New Insights into Vitamin K From Its Natural Sources through Biological Properties and Chemical Methods of Quantitative Determination. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-23.	1.8	5



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128	Discovery and validation of bladder cancer related excreted nucleosides biomarkers by dilution approach in cell culture supernatant and urine using UHPLC-MS/MS. <i>Journal of Proteomics</i> , 2023, 270, 104737.	1.2	6
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