Georgios Theodoridis

List of Publications by Year
in descending order

216	10,353	41344	40979
papers	citations	49 h-index	93 g-index

226	226	226	10975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global metabolic profiling procedures for urine using UPLCâ€“MS. Nature Protocols, 2010, 5, 1005-1018.	12.0	867
2	Global metabolic profiling of animal and human tissues via UPLC-MS. Nature Protocols, 2013, 8, 17-32.	12.0	774
3	Within-Day Reproducibility of an HPLCâ¯MS-Based Method for Metabonomic Analysis:â€‰Application to Human Urine. Journal of Proteome Research, 2007, 6, 3291-3303.	3.7	459
4	Liquid chromatographyâ€“mass spectrometry based global metabolite profiling: A review. Analytica Chimica Acta, 2012, 711, 7-16.	5.4	452
5	Current practice of liquid chromatographyâ€“mass spectrometry in metabolomics and metabonomics. Journal of Pharmaceutical and Biomedical Analysis, 2014, 87, 12-25.	2.8	348
6	LC-MS-based methodology for global metabolite profiling in metabonomics/metabolomics. TrAC - Trends in Analytical Chemistry, 2008, 27, 251-260.	11.4	306
7	Evaluation of the repeatability of ultra-performance liquid chromatographyâ€“TOF-MS for global metabolic profiling of human urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 871, 299-305.	2.3	215
8	Solid-phase microextraction for the analysis of biological samples. Biomedical Applications, 2000, 745, 49-82.	1.7	195
9	Site and Strain-Specific Variation in Gut Microbiota Profiles and Metabolism in Experimental Mice. PLoS ONE, 2010, 5, e8584.	2.5	186
10	Hydrophilic interaction chromatography coupled to MS for metabonomic/metabolomic studies. Journal of Separation Science, 2010, 33, 716-727.	2.5	180
11	Liquid chromatography and ultra-performance liquid chromatographyâ€“mass spectrometry fingerprinting of human urine. Journal of Chromatography A, 2008, 1189, 314-322.	3.7	178
12	Mass spectrometryâ€based holistic analytical approaches for metabolite profiling in systems biology studies. Mass Spectrometry Reviews, 2011, 30, 884-906.	5.4	171
13	UPLC-MS-Based Analysis of Human Plasma for Metabonomics Using Solvent Precipitation or Solid Phase Extraction. Journal of Proteome Research, 2009, 8, 2114-2121.	3.7	159
14	Selective solid-phase extraction sorbent for caffeine made by molecular imprinting. Journal of Chromatography A, 2002, 948, 163-169.	3.7	138
15	HILIC-UPLC-MS for Exploratory Urinary Metabolic Profiling in Toxicological Studies. Analytical Chemistry, 2011, 83, 382-390.	6.5	135
16	Hydrophilic interaction and reversedâ€phase ultraâ€performance liquid chromatography TOFâ€MS for metabonomic analysis of Zucker rat urine. Journal of Separation Science, 2008, 31, 1598-1608.	2.5	121
17	Preparation of a molecularly imprinted polymer for the solid-phase extraction of scopolamine with hyoscyamine as a dummy template molecule. Journal of Chromatography A, 2003, 987, 103-109.	3.7	106
18	¹H NMR-Based Metabonomic Investigation of the Effect of Two Different Exercise Sessions on the Metabolic Fingerprint of Human Urine. Journal of Proteome Research, 2010, 9, 6405-6416.	3.7	106

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19	Untargeted LC/MS-based metabolic phenotyping (metabonomics/metabolomics): The state of the art. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 136-147.	2.3	106
20	Quantitative profiling of polar primary metabolites using hydrophilic interaction ultrahigh performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2012, 1259, 121-127.	3.7	105
21	An overview of fecal sample preparation for global metabolic profiling. Journal of Pharmaceutical and Biomedical Analysis, 2015, 113, 137-150.	2.8	104
22	Molecularly imprinted polymers for bisphenol A for HPLC and SPE from water and milk. Journal of Separation Science, 2008, 31, 2272-2282.	2.5	103
23	Metabolite profiling on apple volatile content based on solid phase microextraction and gas-chromatography time of flight mass spectrometry. Journal of Chromatography A, 2011, 1218, 4517-4524.	3.7	100
24	LCâ€“MS-based holistic metabolic profiling. Problems, limitations, advantages, and future perspectives. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 966, 1-6.	2.3	88
25	Sample preparation prior to the LCâ€“MS-based metabolomics/metabonomics of blood-derived samples. Bioanalysis, 2011, 3, 1647-1661.	1.5	82
26	¹H NMR Study on the Short- and Long-Term Impact of Two Training Programs of Sprint Running on the Metabolic Fingerprint of Human Serum. Journal of Proteome Research, 2013, 12, 470-480.	3.7	82
27	Automated sample preparation based on the sequential injection principle. Journal of Chromatography A, 2004, 1030, 69-76.	3.7	81
28	Solid phase microextraction gas chromatographic analysis of organophosphorus pesticides in biological samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 822, 194-200.	2.3	81
29	Protocol for quality control in metabolic profiling of biological fluids by U(H)PLC-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 15-25.	2.3	78
30	Development and validation of a HILICâ€MS/MS multitargeted method for metabolomics applications. Electrophoresis, 2015, 36, 2215-2225.	2.4	77
31	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. Journal of Chromatography A, 2014, 1349, 60-68.	3.7	74
32	Investigation of chromatographic behaviour of ethoxylated alcohol surfactants in normal-phase and reversed-phase systems using high-performance liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 1998, 813, 299-311.	3.7	72
33	LC-MS based global metabolite profiling of grapes: solvent extraction protocol optimisation. Metabolomics, 2012, 8, 175-185.	3.0	72
34	Hyphenated MS-based targeted approaches in metabolomics. Analyst, The, 2017, 142, 3079-3100.	3.5	72
35	A QC approach to the determination of day-to-day reproducibility and robustness of LCâ€“MS methods for global metabolite profiling in metabonomics/metabolomics. Bioanalysis, 2012, 4, 2239-2247.	1.5	71
36	Determination of amphetamines in human urine by headspace solid-phase microextraction and gas chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 789, 59-63.	2.3	70

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37	High temperature-ultra performance liquid chromatographyâ€“mass spectrometry for the metabonomic analysis of Zucker rat urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 871, 279-287.	2.3	66
38	Investigation of the derivatization conditions for GCâ€“MS metabolomics of biological samples. Bioanalysis, 2017, 9, 53-65.	1.5	65
39	Molecular imprinting of natural flavonoid antioxidants: Application in solid-phase extraction for the sample pretreatment of natural products prior to HPLC analysis. Journal of Separation Science, 2006, 29, 2310-2321.	2.5	63
40	Sample preparation optimization in fecal metabolic profiling. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1047, 115-123.	2.3	62
41	Metabolite Profiles from Dried Biofluid Spots for Metabonomic Studies using UPLC Combined with oaToF-MS. Journal of Proteome Research, 2010, 9, 3328-3334.	3.7	59
42	Metabonomic Investigation of Liver Profiles of Nonpolar Metabolites Obtained from Alcohol-Dosed Rats and Mice Using High Mass Accuracy MSⁿ Analysis. Journal of Proteome Research, 2011, 10, 705-713.	3.7	59
43	Determination of anabolic steroids in muscle tissue by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 8072-8079.	3.7	58
44	Does the Mass Spectrometer Define the Marker? A Comparison of Global Metabolite Profiling Data Generated Simultaneously via UPLC-MS on Two Different Mass Spectrometers. Analytical Chemistry, 2010, 82, 8226-8234.	6.5	58
45	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LCâ€“MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	3.0	56
46	Sensitive determination of captopril by flow injection analysis with chemiluminescence detection based on the enhancement of the luminol reaction. Analytica Chimica Acta, 2002, 463, 249-255.	5.4	53
47	Advances in liquid chromatography coupled to mass spectrometry for metabolic phenotyping. TrAC - Trends in Analytical Chemistry, 2014, 61, 181-191.	11.4	53
48	Solid phase microextraction applied to the analysis of organophosphorus insecticides in fruits. Chemosphere, 2006, 65, 2090-2095.	8.2	52
49	Metabolic profiling of human urine by CE-MS using a positively charged capillary coating and comparison with UPLC-MS. Molecular BioSystems, 2011, 7, 194-199.	2.9	52
50	Studying the effect of storage conditions on the metabolite content of red wine using HILIC LCâ€“MS based metabolomics. Food Chemistry, 2016, 197, 1331-1340.	8.2	52
51	GC-MS analysis of organic acids in human urine in clinical settings: A study of derivatization and other analytical parameters. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 964, 195-201.	2.3	49
52	Determination of anabolic steroids in bovine urine by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2330-2336.	2.3	48
53	Amniotic Fluid and Maternal Serum Metabolic Signatures in the Second Trimester Associated with Preterm Delivery. Journal of Proteome Research, 2017, 16, 898-910.	3.7	48
54	Determination of Carbadox and metabolites of Carbadox and Olaquindox in muscle tissue using high performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 881-882, 90-95.	2.3	47

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55	Quantitative and qualitative analysis of hemicellulose, cellulose and lignin bio-oils by comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. Journal of Chromatography A, 2014, 1369, 147-160.	3.7	46
56	Monitoring the Response of the Human Urinary Metabolome to Brief Maximal Exercise by a Combination of RP-UPLC-MS and ¹H NMR Spectroscopy. Journal of Proteome Research, 2015, 14, 4610-4622.	3.7	46
57	Methodological considerations in the development of HPLC-MS methods for the analysis of rodent plasma for metabonomic studies. Molecular BioSystems, 2009, 6, 108-120.	2.9	45
58	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. Bioanalysis, 2011, 3, 2757-2767.	1.5	45
59	Analysis of anaesthetics and analgesics in human urine by headspace SPME and GC. Journal of Separation Science, 2009, 32, 1018-1026.	2.5	43
60	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). Metabolomics, 2022, 18, 24.	3.0	43
61	Induction of geranylgeranyl diphosphate synthase activity and taxane accumulation in Taxus baccata cell cultures after elicitation by methyl jasmonate. Plant Science, 1999, 147, 1-8.	3.6	42
62	Determination of paclitaxel and related diterpenoids in plant extracts by high-performance liquid chromatography with UV detection in high-performance liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 1998, 802, 297-305.	3.7	40
63	Study of multiple solid-phase microextraction combined off-line with high performance liquid chromatography. Analytica Chimica Acta, 2004, 516, 197-204.	5.4	40
64	Determination of drugs of abuse and pharmaceuticals in skeletal tissue by UHPLCâ€“MS/MS. Forensic Science International, 2018, 290, 137-145.	2.2	40
65	A GCâ€“MS method for the detection and quantitation of ten major drugs of abuse in human hair samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1047, 141-150.	2.3	39
66	pH- and temperature-sensitive polymeric microspheres for drug delivery: the dissolution of copolymers modulates drug release. Journal of Materials Science: Materials in Medicine, 2009, 20, 2465-2475.	3.6	38
67	Application of turbulent flow chromatography to the metabonomic analysis of human plasma: Comparison with protein precipitation. Journal of Separation Science, 2010, 33, 1472-1479.	2.5	38
68	Urine metabolomics in neonates with late-onset sepsis in a case-control study. Scientific Reports, 2017, 7, 45506.	3.3	37
69	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.	2.3	37
70	Daptomycin determination by liquid chromatographyâ€“mass spectrometry in peritoneal fluid, blood plasma, and urine of clinical patients receiving peritoneal dialysis treatment. Analytical and Bioanalytical Chemistry, 2010, 397, 2191-2197.	3.7	36
71	Reversed flow-injection manifold for the spectrophotometric determination of captopril based on its inhibitory effect on the Co(II)â€“2,2â€²-dipyridyl-2-pyridylhydrazone complex formation. Talanta, 2002, 57, 575-581.	5.5	35
72	Coupling of sequential injection analysis and capillary electrophoresis â€“ Laser-induced fluorescence via a valve interface for on-line derivatization and analysis of amino acids and peptides. Journal of Chromatography A, 2006, 1132, 297-303.	3.7	35

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73	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 trapâ€time of flight mass spectrometer. Rapid Communications in Mass Spectrometry, 2008, 22, 2547-2554.	1.5	35
74	Targeted Metabolic Profiling of the Tg197 Mouse Model Reveals Itaconic Acid as a Marker of Rheumatoid Arthritis. Journal of Proteome Research, 2016, 15, 4579-4590.	3.7	35
75	Application of solid-phase microextraction in the investigation of protein binding of pharmaceuticals. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 830, 238-244.	2.3	34
76	Global Metabolic Stress of Isoeffort Continuous and High Intensity Interval Aerobic Exercise: A Comparative ¹H NMR Metabonomic Study. Journal of Proteome Research, 2016, 15, 4452-4463.	3.7	33
77	Headspace solid phase microextraction for the gas chromatographic analysis of methyl-parathion in post-mortem human samples. Forensic Science International, 2004, 143, 127-132.	2.2	32
78	A GCâ€“MS metabolic profiling study of plasma samples from mice on low- and high-fat diets. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1467-1475.	2.3	32
79	Hydrophilic interaction ultra performance liquid chromatography retention prediction under gradient elution. Analytical and Bioanalytical Chemistry, 2012, 404, 701-709.	3.7	32
80	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.	5.4	32
81	Quantification of 15 Psychotropic Drugs in Serum and Postmortem Blood Samples after a Modified Mini-QuEChERS by UHPLCâ€“MS-MS. Journal of Analytical Toxicology, 2018, 42, 337-345.	2.8	31
82	Virgin olive oil metabolomics: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1150, 122161.	2.3	31
83	The Role of Sarcosine, Uracil, and Kynurenic Acid Metabolism in Urine for Diagnosis and Progression Monitoring of Prostate Cancer. Metabolites, 2017, 7, 9.	2.9	30
84	Flow and Sequential Injection Manifolds for the Spectrophotometric Determination of Captopril Based on its Oxidation by Fe(III). Mikrochimica Acta, 2003, 142, 55-62.	5.0	29
85	Capillary electrophoretic chiral separation of Cinchona alkaloids using a cyclodextrin selector. Journal of Separation Science, 2008, 31, 1130-1136.	2.5	28
86	Determination of venlafaxine in post-mortem whole blood by HS-SPME and GC-NPD. Forensic Science International, 2012, 215, 105-109.	2.2	28
87	Quality Control and Validation Issues in LC-MS Metabolomics. Methods in Molecular Biology, 2018, 1738, 15-26.	0.9	28
88	Determination of two COX-2 inhibitors in serum and synovial fluid of patients with inflammatory arthritis by ultra performance liquid chromatographyâ€“inductively coupled plasma mass spectroscopy and quadrupole time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 579-586.	2.8	27
89	Intelligent Energy Systems: Introducing Powerâ€“ICT Interdependency in Modeling and Control Design. IEEE Transactions on Industrial Electronics, 2015, 62, 2468-2477.	7.9	26
90	Polystyrene Biodegradation by Tenebrio molitor Larvae: Identification of Generated Substances Using a GC-MS Untargeted Screening Method. Polymers, 2021, 13, 17.	4.5	26

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91	Taxol Analysis by High Performance Liquid Chromatography: A Review. Phytochemical Analysis, 1996, 7, 169-184.	2.4	25
92	A new method for the HPLC determination of gamma-hydroxybutyric acid (GHB) following derivatization with a coumarin analogue and fluorescence detection. Talanta, 2008, 75, 356-361.	5.5	25
93	Effects of Different Exercise Modes on the Urinary Metabolic Fingerprint of Men with and without Metabolic Syndrome. Metabolites, 2017, 7, 5.	2.9	25
94	On-line coupling of sequential injection with liquid chromatography for the automated derivatization and determination of ?-aminobutyric acid in human biological fluids. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 808, 169-175.	2.3	24
95	Tolerance to Propofol???s Sedative Effect in Mechanically Ventilated Rabbits. Anesthesia and Analgesia, 2006, 103, 359-365.	2.2	24
96	Sample Preparation Strategies for the Effective Quantitation of Hydrophilic Metabolites in Serum by Multi-Targeted HILIC-MS/MS. Metabolites, 2017, 7, 13.	2.9	24
97	Targeted LC-MS/MS for the evaluation of proteomics biomarkers in the blood of neonates with necrotizing enterocolitis and late-onset sepsis. Analytical and Bioanalytical Chemistry, 2018, 410, 7163-7175.	3.7	24
98	Biodegradation of expanded polystyrene by mealworm larvae under different feeding strategies evaluated by metabolic profiling using GC-TOF-MS. Chemosphere, 2021, 281, 130840.	8.2	24
99	Investigation of chronic alcohol consumption in rodents via ultra-high-performance liquid chromatographyâ€“mass spectrometry based metabolite profiling. Journal of Chromatography A, 2012, 1259, 128-137.	3.7	22
100	Computational analysis and ratiometric comparison approaches aimed to assist column selection in hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry targeted metabolomics. Journal of Chromatography A, 2015, 1406, 145-155.	3.7	22
101	Impact of Exercise and Aging on Rat Urine and Blood Metabolome. An LC-MS Based Metabolomics Longitudinal Study. Metabolites, 2017, 7, 10.	2.9	22
102	Chromatographic preconcentration coupled on-line to capillary electrophoresis via a Tee-split interface. Journal of Chromatography A, 2004, 1053, 263-268.	3.7	21
103	Penetration of moxifloxacin into sternal bone of patients undergoing routine cardiopulmonary bypass surgery. International Journal of Antimicrobial Agents, 2006, 28, 428-432.	2.5	21
104	Coupling of sequential injection with liquid chromatography for the automated derivatization and on-line determination of amino acids. Talanta, 2006, 69, 841-847.	5.5	21
105	Determination of Anabolic Steroids in Muscle Tissue by Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2007, 55, 8325-8330.	5.2	21
106	Sequential injection affinity chromatography utilizing an albumin immobilized monolithic column to study drugâ€“protein interactions. Journal of Chromatography A, 2007, 1144, 126-134.	3.7	21
107	Automated sample treatment by flow techniques prior to liquid-phase separations. Journal of Proteomics, 2007, 70, 243-252.	2.4	21
108	GCâ€“MS analysis of blood for the metabonomic investigation of the effects of physical exercise and allopurinol administration on rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 966, 127-131.	2.3	21

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109	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.	3.7	21
110	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. Journal of Liquid Chromatography and Related Technologies, 1995, 18, 1973-1995.	1.0	20
111	Application of SPE for the HPLC analysis of taxanes fromTaxus cell cultures. Chromatographia, 1998, 47, 25-34.	1.3	20
112	A UHPLCâ€“MS-MS Method for the Determination of 84 Drugs of Abuse and Pharmaceuticals in Blood. Journal of Analytical Toxicology, 2021, 45, 28-43.	2.8	20
113	Quantitative structure retention relationship (QSRR) modelling for Analytesâ€™ retention prediction in LC-HRMS by applying different Machine Learning algorithms and evaluating their performance. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1191, 123132.	2.3	20
114	Incorporation of a monolithic column into sequential injection system for drug-protein binding studies. Journal of Chromatography A, 2006, 1121, 46-54.	3.7	19
115	Design of Secondary Settling Tanks Using a CFD Model. Journal of Environmental Engineering, ASCE, 2009, 135, 551-561.	1.4	19
116	Rapid multi-method for the determination of growth promoters in bovine milk by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 930, 22-29.	2.3	19
117	Targeted profiling of hydrophilic constituents of royal jelly by hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2018, 1531, 53-63.	3.7	19
118	A pilot case-control study of urine metabolomics in preterm neonates with necrotizing enterocolitis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 10-21.	2.3	19
119	Immunoaffinity chromatography for the sample pretreatment of Taxus plant and cell extracts prior to analysis of taxanes by high-performance liquid chromatography. Journal of Chromatography A, 2002, 948, 177-185.	3.7	18
120	Determination of anabolic steroids in bovine serum by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 225-229.	2.3	18
121	Retention prediction of a set of amino acids under gradient elution conditions in hydrophilic interaction liquid chromatography. Journal of Separation Science, 2012, 35, 376-383.	2.5	18
122	Impact of exercise on fecal and cecal metabolome over aging: a longitudinal study in rats. Bioanalysis, 2017, 9, 21-36.	1.5	18
123	1H NMR-based metabolomics reveals the effect of maternal habitual dietary patterns on human amniotic fluid profile. Scientific Reports, 2018, 8, 4076.	3.3	18
124	Rat Fecal Metabolomics-Based Analysis. Methods in Molecular Biology, 2018, 1738, 149-157.	0.9	18
125	Rapid spectrofluorimetric determination of lisinopril in pharmaceutical tablets using sequential injection analysis. Analytical and Bioanalytical Chemistry, 2004, 379, 759-63.	3.7	17
126	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.	3.7	17

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127	Normal spectrophotometric and stopped-flow spectrofluorimetric sequential injection methods for the determination of alendronic acid, an anti-osteoporosis amino-bisphosphonate drug, in pharmaceuticals. Analytica Chimica Acta, 2005, 547, 98-103.	5.4	16
128	Wine and grape marc spirits metabolomics. Metabolomics, 2018, 14, 159.	3.0	16
129	Comparison of the Serum Metabolic Fingerprint of Different Exercise Modes in Men with and without Metabolic Syndrome. Metabolites, 2019, 9, 116.	2.9	16
130	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.	2.3	16
131	Microbiota â€œFingerprintâ€•of Greek Feta Cheese through Ripening. Applied Sciences (Switzerland), 2021, 11, 5631.	2.5	16
132	Grapevine and Wine Metabolomics-Based Guidelines for FAIR Data and Metadata Management. Metabolites, 2021, 11, 757.	2.9	16
133	Gel permeation chromatography clean-up for the determination of gestagens in kidney fat by liquid chromatographyâ€“tandem mass spectrometry and validation according to 2002/657/EC. Journal of Chromatography A, 2009, 1216, 8067-8071.	3.7	15
134	Solid phase extraction methodology for UPLCâ€MS based metabolic profiling of urine samples. Electrophoresis, 2015, 36, 2170-2178.	2.4	15
135	Correlation of the severity of coronary artery disease with patients' metabolic profile- rationale, design and baseline patient characteristics of the CorLipid trial. BMC Cardiovascular Disorders, 2021, 21, 79.	1.7	15
136	Is Current Practice Adhering to Guidelines Proposed for Metabolite Identification in LC-MS Untargeted Metabolomics? A Meta-Analysis of the Literature. Journal of Proteome Research, 2022, 21, 590-598.	3.7	15
137	Synthesis and evaluation of molecularly imprinted polymers for enalapril and lisinopril, two synthetic peptide anti-hypertensive drugs. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 804, 43-51.	2.3	14
138	FoodOmicsGR_RI: A Consortium for Comprehensive Molecular Characterisation of Food Products. Metabolites, 2021, 11, 74.	2.9	14
139	A perspective on the standards describing mass spectrometry-based metabolic phenotyping (metabolomics/metabonomics) studies in publications. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1164, 122515.	2.3	14
140	Quantification of endogenous aminoacids and aminoacid derivatives in urine by hydrophilic interaction liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2021, 1642, 462005.	3.7	14
141	A fast SALLE GCâ€“MS/MS multi-analyte method for the determination of 75 food packaging substances in food simulants. Food Chemistry, 2021, 361, 129998.	8.2	14
142	Liquid chromatography-mass spectrometry method for the determination of polyethylene terephthalate and polybutylene terephthalate cyclic oligomers in blood samples. Analytical and Bioanalytical Chemistry, 2022, 414, 1503-1512.	3.7	14
143	Comparative Study of Different Solid-Phase Extraction Cartridges in the Simultaneous RP-HPLC Analysis of Morphine and Codeine in Biological Fluids. Journal of Liquid Chromatography and Related Technologies, 1993, 16, 3017-3040.	1.0	13
144	ANALYSIS OF TAXINES IN TAXUS PLANT MATERIAL AND CELL CULTURES BY HPLC PHOTODIODE ARRAY AND HPLC-ELECTROSPRAY MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2001, 24, 2267-2282.	1.0	13

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145	In vitro evaluation of the antibiofilm properties of chlorhexidine and delmopinol on dental implant surfaces. International Journal of Antimicrobial Agents, 2015, 45, 662-666.	2.5	13
146	HILIC-MS/MS Multi-Targeted Method for Metabolomics Applications. Methods in Molecular Biology, 2018, 1738, 65-81.	0.9	13
147	NSAIDs Determination in Human Serum by GC-MS. Separations, 2018, 5, 37.	2.4	13
148	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.	2.3	13
149	Correlation of Serum Acylcarnitines with Clinical Presentation and Severity of Coronary Artery Disease. Biomolecules, 2022, 12, 354.	4.0	13
150	A study of the behaviour of some new column materials in the chromatographic analysis of Cinchona alkaloids. Chromatographia, 1995, 41, 153-160.	1.3	12
151	Penetration of linezolid into sternal bone of patients undergoing cardiopulmonary bypass surgery. International Journal of Antimicrobial Agents, 2007, 29, 742-744.	2.5	12
152	Extraction methods for the removal of phospholipids and other endogenous material from a biological fluid. Bioanalysis, 2011, 3, 2747-2755.	1.5	12
153	The ovarian response to standard gonadotropin stimulation is influenced by AMHRII genotypes. Gynecological Endocrinology, 2016, 32, 641-645.	1.7	12
154	The Strong Antioxidant Sheep/Goat Whey Protein Protects Against mTOR Overactivation in Rats: A Mode of Action Mimicking Fasting. Antioxidants, 2019, 8, 71.	5.1	12
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