

Luke Whiley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6744498/publications.pdf>

Version: 2024-02-01

28
papers

1,579
citations

489802

18
h-index

536525

29
g-index

31
all docs

31
docs citations

31
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Elucidation and Mitigation of Endogenous Interferences in LC-MS-Based Metabolic Profiling of Urine. <i>Analytical Chemistry</i> , 2022, 94, 1760-1768.	3.2	5
2	The impact of bariatric surgery on serum tryptophanâ€™kynurenine pathway metabolites. <i>Scientific Reports</i> , 2022, 12, 294.	1.6	7
3	Exploration of Human Serum Lipoprotein Supramolecular Phospholipids Using Statistical Heterospectroscopy in <i>n</i>-Dimensions (SHY-<i>n</i>): Identification of Potential Cardiovascular Risk Biomarkers Related to SARS-CoV-2 Infection. <i>Analytical Chemistry</i> , 2022, 94, 4426-4436.	3.2	13
4	Plasma Lipid Profiles Change with Increasing Numbers of Mild Traumatic Brain Injuries in Rats. <i>Metabolites</i> , 2022, 12, 322.	1.3	4
5	Advanced Microsamples: Current Applications and Considerations for Mass Spectrometry-Based Metabolic Phenotyping Pipelines. <i>Separations</i> , 2022, 9, 175.	1.1	6
6	A simultaneous exploratory and quantitative amino acid and biogenic amine metabolic profiling platform for rapid disease phenotyping via UPLC-QToF-MS. <i>Talanta</i> , 2021, 223, 121872.	2.9	23
7	A targeted ultra performance liquid chromatography â€™ Tandem mass spectrometric assay for tyrosine and metabolites in urine and plasma: Application to the effects of antibiotics on mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1164, 122511.	1.2	7
8	Systemic Perturbations in Amine and Kynurenine Metabolism Associated with Acute SARS-CoV-2 Infection and Inflammatory Cytokine Responses. <i>Journal of Proteome Research</i> , 2021, 20, 2796-2811.	1.8	81
9	Incomplete Systemic Recovery and Metabolic Phenoreversion in Post-Acute-Phase Nonhospitalized COVID-19 Patients: Implications for Assessment of Post-Acute COVID-19 Syndrome. <i>Journal of Proteome Research</i> , 2021, 20, 3315-3329.	1.8	85
10	Diagnostic Potential of the Plasma Lipidome in Infectious Disease: Application to Acute SARS-CoV-2 Infection. <i>Metabolites</i> , 2021, 11, 467.	1.3	33
11	Tryptophan-metabolizing gut microbes regulate adult neurogenesis via the aryl hydrocarbon receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	75
12	Metabolic phenotyping reveals a reduction in the bioavailability of serotonin and kynurenine pathway metabolites in both the urine and serum of individuals living with Alzheimerâ€™s disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 20.	3.0	60
13	Quantitative In-Vitro Diagnostic NMR Spectroscopy for Lipoprotein and Metabolite Measurements in Plasma and Serum: Recommendations for Analytical Artifact Minimization with Special Reference to COVID-19/SARS-CoV-2 Samples. <i>Journal of Proteome Research</i> , 2020, 19, 4428-4441.	1.8	39
14	Integrative Modeling of Quantitative Plasma Lipoprotein, Metabolic, and Amino Acid Data Reveals a Multiorgan Pathological Signature of SARS-CoV-2 Infection. <i>Journal of Proteome Research</i> , 2020, 19, 4442-4454.	1.8	142
15	Urinary metabolic phenotyping for Alzheimerâ€™s disease. <i>Scientific Reports</i> , 2020, 10, 21745.	1.6	30
16	Systematic Isolation and Structure Elucidation of Urinary Metabolites Optimized for the Analytical-Scale Molecular Profiling Laboratory. <i>Analytical Chemistry</i> , 2019, 91, 8873-8882.	3.2	11
17	Ultrahigh-Performance Liquid Chromatography Tandem Mass Spectrometry with Electrospray Ionization Quantification of Tryptophan Metabolites and Markers of Gut Health in Serum and Plasmaâ€™ Application to Clinical and Epidemiology Cohorts. <i>Analytical Chemistry</i> , 2019, 91, 5207-5216.	3.2	72
18	XCMS-MRM and METLIN-MRM: a cloud library and public resource for targeted analysis of small molecules. <i>Nature Methods</i> , 2018, 15, 681-684.	9.0	112

#	ARTICLE	IF	CITATIONS
19	Association between Plasma Ceramides and Phosphatidylcholines and Hippocampal Brain Volume in Late Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 809-817.	1.2	72
20	Association of blood lipids with Alzheimer's disease: A comprehensive lipidomics analysis. <i>Alzheimer's and Dementia</i> , 2017, 13, 140-151.	0.4	144
21	Pharmacokinetic profile and quantitation of protection against soman poisoning by the antinicotinic compound MB327 in the guinea-pig. <i>Toxicology Letters</i> , 2016, 244, 154-160.	0.4	25
22	Plasma lipidomics analysis finds long chain cholesteryl esters to be associated with Alzheimer's disease. <i>Translational Psychiatry</i> , 2015, 5, e494-e494.	2.4	105
23	Evidence of altered phosphatidylcholine metabolism in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 271-278.	1.5	256
24	In-vial dual extraction liquid chromatography coupled to mass spectrometry applied to streptozotocin-treated diabetic rats. Tips and pitfalls of the method. <i>Journal of Chromatography A</i> , 2013, 1304, 52-60.	1.8	27
25	Metabolic Phenotype of the Healthy Rodent Model Using In-Vial Extraction of Dried Serum, Urine, and Cerebrospinal Fluid Spots. <i>Analytical Chemistry</i> , 2013, 85, 7257-7263.	3.2	15
26	In-Vial Dual Extraction for Direct LC-MS Analysis of Plasma for Comprehensive and Highly Reproducible Metabolic Fingerprinting.. <i>Analytical Chemistry</i> , 2012, 84, 5992-5999.	3.2	94
27	Evaluation of Chinese medicinal herbs fingerprinting by HPLC-DAD for the detection of toxic aristolochic acids. <i>Journal of Separation Science</i> , 2011, 34, 1111-1115.	1.3	15
28	Current strategies in the discovery of small-molecule biomarkers for Alzheimer's disease. <i>Bioanalysis</i> , 2011, 3, 1121-1142.	0.6	17