Nathan G Lawler

List of Publications by Year
in descending order

21 papers	610 citations	758635 12 h-index	676716 22 g-index
24 all docs	24 docs citations	24 times ranked	793 citing authors

#	Article	IF	Citations
1	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. Analytical Chemistry, 2022, 94, 4426-4436.	3.2	13
2	Plasma Lipid Profiles Change with Increasing Numbers of Mild Traumatic Brain Injuries in Rats. Metabolites, 2022, 12, 322.	1.3	4
3	Advanced Microsamples: Current Applications and Considerations for Mass Spectrometry-Based Metabolic Phenotyping Pipelines. Separations, 2022, 9, 175.	1.1	6
4	A simultaneous exploratory and quantitative amino acid and biogenic amine metabolic profiling platform for rapid disease phenotyping via UPLC-QToF-MS. Talanta, 2021, 223, 121872.	2.9	23
5	Systemic Perturbations in Amine and Kynurenine Metabolism Associated with Acute SARS-CoV-2 Infection and Inflammatory Cytokine Responses. Journal of Proteome Research, 2021, 20, 2796-2811.	1.8	81
6	Metabolomics and Lipidomics: Expanding the Molecular Landscape of Exercise Biology. Metabolites, 2021, 11, 151.	1.3	39
7	Detecting Sex-Related Changes to the Metabolome of a Critically Endangered Freshwater Crayfish During the Mating Season. Frontiers in Molecular Biosciences, 2021, 8, 650839.	1.6	2
8	Incomplete Systemic Recovery and Metabolic Phenoreversion in Post-Acute-Phase Nonhospitalized COVID-19 Patients: Implications for Assessment of Post-Acute COVID-19 Syndrome. Journal of Proteome Research, 2021, 20, 3315-3329.	1.8	85
9	Diagnostic Potential of the Plasma Lipidome in Infectious Disease: Application to Acute SARS-CoV-2 Infection. Metabolites, 2021, 11, 467.	1.3	33
10	Sensitive and quantitative determination of short-chain fatty acids in human serum using liquid chromatography mass spectrometry. Analytical and Bioanalytical Chemistry, 2021, 413, 6333-6342.	1.9	22
11	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. Journal of Proteome Research, 2020, 19, 4428-4441.	1.8	39
12	Integrative Modeling of Quantitative Plasma Lipoprotein, Metabolic, and Amino Acid Data Reveals a Multiorgan Pathological Signature of SARS-CoV-2 Infection. Journal of Proteome Research, 2020, 19, 4442-4454.	1.8	142
13	Dispersive SPE, an alternative to traditional SPE for extraction of 43 doping peptides from equine urine prior to LCâ€"MS screening. Forensic Toxicology, 2020, 38, 365-377.	1.4	6
14	Metabolomic profiling of crayfish haemolymph distinguishes sister species and sex: implications for conservation, aquaculture and physiological studies. Freshwater Crayfish, 2020, 25, 89-101.	0.5	1
15	Introducing Undergraduate Students to Metabolomics Using Liquid Chromatographyâ€"High Resolution Mass Spectrometry Analysis of Horse Blood. Journal of Chemical Education, 2019, 96, 745-750.	1.1	15
16	Characterizing the plasma metabolome during 14 days of liveâ€high, trainâ€low simulated altitude: A metabolomic approach. Experimental Physiology, 2019, 104, 81-92.	0.9	11
17	Effect of exercise on acute postprandial glucose concentrations and interleukin-6 responses in sedentary and overweight males. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1298-1306.	0.9	4
18	Characterizing the plasma metabolome during and following a maximal exercise cycling test. Journal of Applied Physiology, 2018, 125, 1193-1203.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Live high, train low â€" influence on resting and postâ€exercise hepcidin levels. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 704-713.	1.3	21
20	The Influence of Blood Removal on Pacing During a 4-Minute Cycling Time Trial. International Journal of Sports Physiology and Performance, 2017, 12, 1085-1092.	1.1	2
21	Metabolomics reveals increased isoleukotoxin diol (12,13-DHOME) in human plasma after acute Intralipid infusion. Journal of Lipid Research, 2012, 53, 1979-1986.	2.0	35