

# Nathan G Lawler

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Metabolomics and Lipidomics: Expanding the Molecular Landscape of Exercise Biology. <i>Metabolites</i> , 2021, 11, 151.	1.3	39
6	Metabolomics reveals increased isoleukotoxin diol (12,13-DHOME) in human plasma after acute Intralipid infusion. <i>Journal of Lipid Research</i> , 2012, 53, 1979-1986.	2.0	35
7	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
8	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
9	Characterizing the plasma metabolome during and following a maximal exercise cycling test. <i>Journal of Applied Physiology</i> , 2018, 125, 1193-1203.	1.2	22
10	Sensitive and quantitative determination of short-chain fatty acids in human serum using liquid chromatography mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6333-6342.	1.9	22
11	Live high, train low influence on resting and postexercise hepcidin levels. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 704-713.	1.3	21
12	Introducing Undergraduate Students to Metabolomics Using Liquid Chromatography-High Resolution Mass Spectrometry Analysis of Horse Blood. <i>Journal of Chemical Education</i> , 2019, 96, 745-750.	1.1	15
13	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
14	Characterizing the plasma metabolome during 14 days of live-high, train-low simulated altitude: A metabolomic approach. <i>Experimental Physiology</i> , 2019, 104, 81-92.	0.9	11
15	Dispersive SPE, an alternative to traditional SPE for extraction of 43 doping peptides from equine urine prior to LC-MS screening. <i>Forensic Toxicology</i> , 2020, 38, 365-377.	1.4	6
16	Advanced Microsamples: Current Applications and Considerations for Mass Spectrometry-Based Metabolic Phenotyping Pipelines. <i>Separations</i> , 2022, 9, 175.	1.1	6
17	Effect of exercise on acute postprandial glucose concentrations and interleukin-6 responses in sedentary and overweight males. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1298-1306.	0.9	4
18	Plasma Lipid Profiles Change with Increasing Numbers of Mild Traumatic Brain Injuries in Rats. <i>Metabolites</i> , 2022, 12, 322.	1.3	4

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19	The Influence of Blood Removal on Pacing During a 4-Minute Cycling Time Trial. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1085-1092.	1.1	2
20	Detecting Sex-Related Changes to the Metabolome of a Critically Endangered Freshwater Crayfish During the Mating Season. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 650839.	1.6	2
21	Metabolomic profiling of crayfish haemolymph distinguishes sister species and sex: implications for conservation, aquaculture and physiological studies. <i>Freshwater Crayfish</i> , 2020, 25, 89-101.	0.5	1