Jake T M Pearce

List of Publications by Year
in descending order

11	1,117	840776 11	1281871 11
papers	citations	h-index	g-index

12	12	12	2267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Precision High-Throughput Proton NMR Spectroscopy of Human Urine, Serum, and Plasma for Large-Scale Metabolic Phenotyping. Analytical Chemistry, 2014, 86, 9887-9894.	6.5	419
2	Quantitative Lipoprotein Subclass and Low Molecular Weight Metabolite Analysis in Human Serum and Plasma by ¹H NMR Spectroscopy in a Multilaboratory Trial. Analytical Chemistry, 2018, 90, 11962-11971.	6.5	165
3	Development and Application of Ultra-Performance Liquid Chromatography-TOF MS for Precision Large Scale Urinary Metabolic Phenotyping. Analytical Chemistry, 2016, 88, 9004-9013.	6.5	113
4	Power Analysis and Sample Size Determination in Metabolic Phenotyping. Analytical Chemistry, 2016, 88, 5179-5188.	6.5	95
5	The effects of kisspeptin on Î²â€cell function, serum metabolites and appetite in humans. Diabetes, Obesity and Metabolism, 2018, 20, 2800-2810.	4.4	74
6	PhenoMeNal: processing and analysis of metabolomics data in the cloud. GigaScience, 2019, 8, .	6.4	60
7	Robust Algorithms for Automated Chemical Shift Calibration of 1D 1H NMR Spectra of Blood Serum. Analytical Chemistry, 2008, 80, 7158-7162.	6.5	58
8	mzTab-M: A Data Standard for Sharing Quantitative Results in Mass Spectrometry Metabolomics. Analytical Chemistry, 2019, 91, 3302-3310.	6.5	43
9	Statistical analysis in metabolic phenotyping. Nature Protocols, 2021, 16, 4299-4326.	12.0	40
10	The nPYc-Toolbox, a Python module for the pre-processing, quality-control and analysis of metabolic profiling datasets. Bioinformatics, 2019, 35, 5359-5360.	4.1	30
11	peakPantheR, an R package for large-scale targeted extraction and integration of annotated metabolic features in LCâ€“MS profiling datasets. Bioinformatics, 2021, 37, 4886-4888.	4.1	19