Ruey Leng Loo

List of Publications by Year
in descending order

28 papers	2,225 citations	394421 19 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	3488 citing authors

#	Article	IF	Citations
1	Balancing the Equation: A Natural History of Trimethylamine and Trimethylamine-*N*-oxide. Journal of Proteome Research, 2022, 21, 560-589.	3.7	19
2	Exploration of Human Serum Lipoprotein Supramolecular Phospholipids Using Statistical Heterospectroscopy in *n*-Dimensions (SHY-*n*): Identification of Potential Cardiovascular Risk Biomarkers Related to SARS-CoV-2 Infection. Analytical Chemistry, 2022, 94, 4426-4436.	6.5	13
3	Blood pressure interactions with the DASH dietary pattern, sodium, and potassium: The International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). American Journal of Clinical Nutrition, 2022, 116, 216-229.	4.7	13
4	Strategy for improved characterization of human metabolic phenotypes using a COmbined Multi-block Principal components Analysis with Statistical Spectroscopy (COMPASS). Bioinformatics, 2021, 36, 5229-5236.	4.1	1
5	A feasibility study of metabolic phenotyping of dried blood spot specimens in rural Chinese women exposed to household air pollution. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 328-344.	3.9	6
6	NMR Spectroscopic Windows on the Systemic Effects of SARS-CoV-2 Infection on Plasma Lipoproteins and Metabolites in Relation to Circulating Cytokines. Journal of Proteome Research, 2021, 20, 1382-1396.	3.7	61
7	Diffusion and Relaxation Edited Proton NMR Spectroscopy of Plasma Reveals a High-Fidelity Supramolecular Biomarker Signature of SARS-CoV-2 Infection. Analytical Chemistry, 2021, 93, 3976-3986.	6.5	43
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.	3.7	85
9	Integrative Modeling of Plasma Metabolic and Lipoprotein Biomarkers of SARS-CoV-2 Infection in Spanish and Australian COVID-19 Patient Cohorts. Journal of Proteome Research, 2021, 20, 4139-4152.	3.7	31
10	Low Volume in Vitro Diagnostic Proton NMR Spectroscopy of Human Blood Plasma for Lipoprotein and Metabolite Analysis: Application to SARS-CoV-2 Biomarkers. Journal of Proteome Research, 2021, 20, 1415-1423.	3.7	24
11	The association of fish consumption and its urinary metabolites with cardiovascular risk factors: the International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). American Journal of Clinical Nutrition, 2020, 111, 280-290.	4.7	37
12	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.	3.7	39
13	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.	3.7	142
14	Characterization of metabolic responses to healthy diets and association with blood pressure: application to the Optimal Macronutrient Intake Trial for Heart Health (OmniHeart), a randomized controlled study. American Journal of Clinical Nutrition, 2018, 107, 323-334.	4.7	46
15	Metabolic phenotyping for discovery of urinary biomarkers of diet, xenobiotics and blood pressure in the INTERMAP Study: an overview. Hypertension Research, 2017, 40, 336-345.	2.7	14
16	Medicine-related services in community pharmacy: public preferences for pharmacy attributes and promotional methods and comparison with pharmacists' perceptions. Patient Preference and Adherence, 2016, Volume 10, 2297-2307.	1.8	14
17	Comparison of pharmacist and public views and experiences of community pharmacy medicines-related services in England. Patient Preference and Adherence, 2016, Volume 10, 1749-1758.	1.8	41
18	Automatic Spectroscopic Data Categorization by Clustering Analysis (ASCLAN): A Data-Driven Approach for Distinguishing Discriminatory Metabolites for Phenotypic Subclasses. Analytical Chemistry, 2016, 88, 5670-5679.	6.5	8

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19	Development and validation of an ultra-performance liquid chromatography quadrupole time of flight mass spectrometry method for rapid quantification of free amino acids in human urine. Amino Acids, 2016, 48, 219-234.	2.7	46
20	Statistical HOmogeneous Cluster SpectroscopY (SHOCSY): An Optimized Statistical Approach for Clustering of ^{1}H NMR Spectral Data to Reduce Interference and Enhance Robust Biomarkers Selection. Analytical Chemistry, 2014, 86, 5308-5315.	6.5	14
21	Pharmacometabonomics and personalized medicine. Annals of Clinical Biochemistry, 2013, 50, 523-545.	1.6	69
22	A Comparison of Self-Reported Analgesic Use and Detection of Urinary Ibuprofen and Acetaminophen Metabolites by Means of Metabonomics: The INTERMAP Study. American Journal of Epidemiology, 2012, 175, 348-358.	3.4	30
23	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. PLoS ONE, 2012, 7, e43263.	2.5	66
24	Metabolome-Wide Association Study Identifies Multiple Biomarkers that Discriminate North and South Chinese Populations at Differing Risks of Cardiovascular Disease: INTERMAP Study. Journal of Proteome Research, 2010, 9, 6647-6654.	3.7	116
25	Opening up the "Black Box": Metabolic phenotyping and metabolome-wide association studies in epidemiology. Journal of Clinical Epidemiology, 2010, 63, 970-979.	5.0	125
26	Metabolic Profiling and Population Screening of Analgesic Usage in Nuclear Magnetic Resonance Spectroscopy-Based Large-Scale Epidemiologic Studies. Analytical Chemistry, 2009, 81, 5119-5129.	6.5	37
27	Human metabolic phenotype diversity and its association with diet and blood pressure. Nature, 2008, 453, 396-400.	27.8	966
28	Detection of Urinary Drug Metabolite (Xenometabolome) Signatures in Molecular Epidemiology Studies via Statistical Total Correlation (NMR) Spectroscopy. Analytical Chemistry, 2007, 79, 2629-2640.	6.5	118