

Ruey Leng Loo

List of Publications by Year in descending order

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Version: 2024-02-01

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	Human metabolic phenotype diversity and its association with diet and blood pressure. <i>Nature</i> , 2008, 453, 396-400.	27.8	966
2	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.	3.7	142
3	Opening up the "Black Box": Metabolic phenotyping and metabolome-wide association studies in epidemiology. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 970-979.	5.0	125
4	Detection of Urinary Drug Metabolite (Xenometabolome) Signatures in Molecular Epidemiology Studies via Statistical Total Correlation (NMR) Spectroscopy. <i>Analytical Chemistry</i> , 2007, 79, 2629-2640.	6.5	118
5	Metabolome-Wide Association Study Identifies Multiple Biomarkers that Discriminate North and South Chinese Populations at Differing Risks of Cardiovascular Disease: INTERMAP Study. <i>Journal of Proteome Research</i> , 2010, 9, 6647-6654.	3.7	116
6	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.	3.7	85
7	Pharmacometabonomics and personalized medicine. <i>Annals of Clinical Biochemistry</i> , 2013, 50, 523-545.	1.6	69
8	Differential Effects of Two Fermentable Carbohydrates on Central Appetite Regulation and Body Composition. <i>PLoS ONE</i> , 2012, 7, e43263.	2.5	66
9	NMR Spectroscopic Windows on the Systemic Effects of SARS-CoV-2 Infection on Plasma Lipoproteins and Metabolites in Relation to Circulating Cytokines. <i>Journal of Proteome Research</i> , 2021, 20, 1382-1396.	3.7	61
10	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. <i>Amino Acids</i> , 2016, 48, 219-234.	2.7	46
11	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. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 323-334.	4.7	46
12	Diffusion and Relaxation Edited Proton NMR Spectroscopy of Plasma Reveals a High-Fidelity Supramolecular Biomarker Signature of SARS-CoV-2 Infection. <i>Analytical Chemistry</i> , 2021, 93, 3976-3986.	6.5	43
13	Comparison of pharmacist and public views and experiences of community pharmacy medicines-related services in England. <i>Patient Preference and Adherence</i> , 2016, Volume 10, 1749-1758.	1.8	41
14	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.	3.7	39
15	Metabolic Profiling and Population Screening of Analgesic Usage in Nuclear Magnetic Resonance Spectroscopy-Based Large-Scale Epidemiologic Studies. <i>Analytical Chemistry</i> , 2009, 81, 5119-5129.	6.5	37
16	The association of fish consumption and its urinary metabolites with cardiovascular risk factors: the International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). <i>American Journal of Clinical Nutrition</i> , 2020, 111, 280-290.	4.7	37
17	Integrative Modeling of Plasma Metabolic and Lipoprotein Biomarkers of SARS-CoV-2 Infection in Spanish and Australian COVID-19 Patient Cohorts. <i>Journal of Proteome Research</i> , 2021, 20, 4139-4152.	3.7	31
18	A Comparison of Self-Reported Analgesic Use and Detection of Urinary Ibuprofen and Acetaminophen Metabolites by Means of Metabonomics: The INTERMAP Study. <i>American Journal of Epidemiology</i> , 2012, 175, 348-358.	3.4	30

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19	Low Volume in Vitro Diagnostic Proton NMR Spectroscopy of Human Blood Plasma for Lipoprotein and Metabolite Analysis: Application to SARS-CoV-2 Biomarkers. <i>Journal of Proteome Research</i> , 2021, 20, 1415-1423.	3.7	24
20	Balancing the Equation: A Natural History of Trimethylamine and Trimethylamine- <i>N</i> -oxide. <i>Journal of Proteome Research</i> , 2022, 21, 560-589.	3.7	19
21	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. <i>Analytical Chemistry</i> , 2014, 86, 5308-5315.	6.5	14
22	Medicine-related services in community pharmacy: public preferences for pharmacy attributes and promotional methods and comparison with pharmacists' perceptions. <i>Patient Preference and Adherence</i> , 2016, Volume 10, 2297-2307.	1.8	14
23	Metabolic phenotyping for discovery of urinary biomarkers of diet, xenobiotics and blood pressure in the INTERMAP Study: an overview. <i>Hypertension Research</i> , 2017, 40, 336-345.	2.7	14
24	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.	6.5	13
25	Blood pressure interactions with the DASH dietary pattern, sodium, and potassium: The International Study of Macro-/Micronutrients and Blood Pressure (INTERMAP). <i>American Journal of Clinical Nutrition</i> , 2022, 116, 216-229.	4.7	13
26	Automatic Spectroscopic Data Categorization by Clustering Analysis (ASCLAN): A Data-Driven Approach for Distinguishing Discriminatory Metabolites for Phenotypic Subclasses. <i>Analytical Chemistry</i> , 2016, 88, 5670-5679.	6.5	8
27	A feasibility study of metabolic phenotyping of dried blood spot specimens in rural Chinese women exposed to household air pollution. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 328-344.	3.9	6
28	Strategy for improved characterization of human metabolic phenotypes using a Combined Multi-block Principal components Analysis with Statistical Spectroscopy (COMPASS). <i>Bioinformatics</i> , 2021, 36, 5229-5236.	4.1	1