

Ken H Liu

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,571
citations

430874

18
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

2240
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Phenotypes of Response to Vaccination in Humans. <i>Cell</i> , 2017, 169, 862-877.e17.	28.9	234
2	Computational Metabolomics: A Framework for the Million Metabolome. <i>Chemical Research in Toxicology</i> , 2016, 29, 1956-1975.	3.3	191
3	Gut-Resident Lactobacilli Activate Hepatic Nrf2 and Protect Against Oxidative Liver Injury. <i>Cell Metabolism</i> , 2020, 31, 956-968.e5.	16.2	157
4	Reference Standardization for Quantification and Harmonization of Large-Scale Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 8836-8844.	6.5	116
5	Commensal Propionibacterium strain UF1 mitigates intestinal inflammation via Th17 cell regulation. <i>Journal of Clinical Investigation</i> , 2017, 127, 3970-3986.	8.2	67
6	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. <i>Environment International</i> , 2022, 158, 106964.	10.0	67
7	Metabolomic assessment of exposure to near-highway ultrafine particles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 469-483.	3.9	65
8	Integrative metabolomics and transcriptomics signatures of clinical tolerance to Plasmodium vivax reveal activation of innate cell immunity and T cell signaling. <i>Redox Biology</i> , 2018, 17, 158-170.	9.0	59
9	High-Resolution Metabolomics Assessment of Military Personnel. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, S53-S61.	1.7	58
10	Selenium Supplementation Alters Hepatic Energy and Fatty Acid Metabolism in Mice. <i>Journal of Nutrition</i> , 2018, 148, 675-684.	2.9	51
11	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. <i>Free Radical Biology and Medicine</i> , 2019, 131, 209-217.	2.9	47
12	Tryptophan catabolism reflects disease activity in human tuberculosis. <i>JCI Insight</i> , 2020, 5, .	5.0	44
13	High-resolution plasma metabolomics analysis to detect Mycobacterium tuberculosis-associated metabolites that distinguish active pulmonary tuberculosis in humans. <i>PLoS ONE</i> , 2018, 13, e0205398.	2.5	42
14	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen. <i>Nature Metabolism</i> , 2021, 3, 1694-1705.	11.9	36
15	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. <i>Obesity</i> , 2019, 27, 1729-1737.	3.0	32
16	Mitochondrial H ₂ S Regulates BCAA Catabolism in Heart Failure. <i>Circulation Research</i> , 2022, 131, 222-235.	4.5	31
17	Population Screening for Biological and Environmental Properties of the Human Metabolic Phenotype. , 2016, , 167-211.		21
18	Plasma metabolomics reveals membrane lipids, aspartate/asparagine and nucleotide metabolism pathway differences associated with chloroquine resistance in Plasmodium vivax malaria. <i>PLoS ONE</i> , 2017, 12, e0182819.	2.5	21

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19	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. <i>PLoS Pathogens</i> , 2021, 17, e1009941.	4.7	21
20	Phytochelatin database: a resource for phytochelatin complexes of nutritional and environmental metals. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	20
21	Metabolomic Associations with Serum Bone Turnover Markers. <i>Nutrients</i> , 2020, 12, 3161.	4.1	19
22	Large scale enzyme based xenobiotic identification for exposomics. <i>Nature Communications</i> , 2021, 12, 5418.	12.8	18
23	Putrescine as indicator of manganese neurotoxicity: Dose-response study in human SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2018, 116, 272-280.	3.6	17
24	Metabolomic Responses to Manganese Dose in SH-SY5Y Human Neuroblastoma Cells. <i>Toxicological Sciences</i> , 2019, 169, 84-94.	3.1	17
25	Plasma high-resolution metabolomics identifies linoleic acid and linked metabolic pathways associated with bone mineral density. <i>Clinical Nutrition</i> , 2021, 40, 467-475.	5.0	17
26	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001126.	2.8	15
27	Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	13
28	Distribution of phytochelatin, metal-binding compounds, in plant foods: A survey of commonly consumed fruits, vegetables, grains and legumes. <i>Food Chemistry</i> , 2021, 339, 128051.	8.2	12
29	Metabolome-wide association study of flavorant vanillin exposure in bronchial epithelial cells reveals disease-related perturbations in metabolism. <i>Environment International</i> , 2021, 147, 106323.	10.0	10
30	Evaluation of the Use of Saliva Metabolome as a Surrogate of Blood Metabolome in Assessing Internal Exposures to Traffic-Related Air Pollution. <i>Environmental Science & Technology</i> , 2022, 56, 6525-6536.	10.0	10
31	A non-lethal malarial infection results in reduced drug metabolizing enzyme expression and drug clearance in mice. <i>Malaria Journal</i> , 2019, 18, 234.	2.3	8
32	A metabolomic study of cervical dystonia. <i>Parkinsonism and Related Disorders</i> , 2021, 82, 98-103.	2.2	6
33	Metabolomics Analysis of Aspirin's Effects in Human Colon Tissue and Associations with Adenoma Risk. <i>Cancer Prevention Research</i> , 2020, 13, 863-876.	1.5	5
34	Bridging the Gap between Analytical and Microbial Sciences in Microbiome Research. <i>MSystems</i> , 2021, 6, e0058521.	3.8	4
35	Lung metabolome of 1,3-butadiene exposed Collaborative Cross mice reflects metabolic phenotype of human lung cancer. <i>Toxicology</i> , 2021, 463, 152987.	4.2	4
36	Plasma Metabolomics Analysis of Aspirin Treatment and Risk of Colorectal Adenomas. <i>Cancer Prevention Research</i> , 2022, 15, 521-531.	1.5	4

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37	Cruciferous vegetables (<i>Brassica oleracea</i>) confer cytoprotective effects in <i>Drosophila</i> intestines. <i>Gut Microbes</i> , 2021, 13, 1-6.	9.8	3
38	Integrative interactomics applied to bovine fescue toxicosis. <i>Scientific Reports</i> , 2022, 12, 4899.	3.3	3
39	Plasma Metabolomics of Common Marmosets (<i>Callithrix jacchus</i>) to Evaluate Diet and Feeding Husbandry. <i>Journal of the American Association for Laboratory Animal Science</i> , 2016, 55, 137-46.	1.2	2
40	Sphinganine is associated with 24-h MAP in the non-sleepy with OSA. <i>Metabolomics</i> , 2022, 18, 23.	3.0	1
41	Chemical contact tracing for exposomics. <i>Exposome</i> , 0, , .	2.8	0