Ken H Liu

List of Publications by Citations

36 papers	798 citations	15 h-index	28 g-index
45 ext. papers	1,222 ext. citations	8.8 avg, IF	4.11 L-index

#	Paper	IF	Citations
36	Metabolic Phenotypes of Response to Vaccination in Humans. *Cell*, **2017**, 169, 862-877.e17	56.2	157
35	Computational Metabolomics: A Framework for the Million Metabolome. *Chemical Research in Toxicology*, **2016**, 29, 1956-1975	4	130
34	Gut-Resident Lactobacilli Activate Hepatic Nrf2 and Protect Against Oxidative Liver Injury. *Cell Metabolism*, **2020**, 31, 956-968.e5	24.6	54
33	Metabolomic assessment of exposure to near-highway ultrafine particles. *Journal of Exposure Science and Environmental Epidemiology*, **2019**, 29, 469-483	6.7	46
32	Reference Standardization for Quantification and Harmonization of Large-Scale Metabolomics. *Analytical Chemistry*, **2020**, 92, 8836-8844	7.8	44
31	Integrative metabolomics and transcriptomics signatures of clinical tolerance to Plasmodium vivax reveal activation of innate cell immunity and T cell signaling. *Redox Biology*, **2018**, 17, 158-170	11.3	43
30	Commensal Propionibacterium strain UF1 mitigates intestinal inflammation via Th17 cell regulation. *Journal of Clinical Investigation*, **2017**, 127, 3970-3986	15.9	42
29	High-Resolution Metabolomics Assessment of Military Personnel: Evaluating Analytical Strategies for Chemical Detection. *Journal of Occupational and Environmental Medicine*, **2016**, 58, S53-61	2	39
28	Selenium Supplementation Alters Hepatic Energy and Fatty Acid Metabolism in Mice. *Journal of Nutrition*, **2018**, 148, 675-684	4.1	30
27	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung. *Free Radical Biology and Medicine*, **2019**, 131, 209-217	7.8	26
26	High-resolution plasma metabolomics analysis to detect Mycobacterium tuberculosis-associated metabolites that distinguish active pulmonary tuberculosis in humans. *PLoS ONE*, **2018**, 13, e0205398	3.7	24
25	Plasma High-Resolution Metabolomics Differentiates Adults with Normal Weight Obesity from Lean Individuals. *Obesity*, **2019**, 27, 1729-1737	8	20
24	Tryptophan catabolism reflects disease activity in human tuberculosis. *JCI Insight*, **2020**, 5,	9.9	19
23	Population Screening for Biological and Environmental Properties of the Human Metabolic Phenotype **2016**, 167-211		18
22	Plasma metabolomics reveals membrane lipids, aspartate/asparagine and nucleotide metabolism pathway differences associated with chloroquine resistance in Plasmodium vivax malaria. *PLoS ONE* , **2017**, 12, e0182819	3.7	17
21	Phytochelatin database: a resource for phytochelatin complexes of nutritional and environmental metals. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	10
20	Putrescine as indicator of manganese neurotoxicity: Dose-response study in human SH-SY5Y cells. *Food and Chemical Toxicology*, **2018**, 116, 272-280	4.7	9

19	Per- and polyfluoroalkyl substance (PFAS) exposure, maternal metabolomic perturbation, and fetal growth in African American women: A meet-in-the-middle approach. *Environment International*, **2021**, 158, 106964	12.9	8
18	Metabolomic Responses to Manganese Dose in SH-SY5Y Human Neuroblastoma Cells. *Toxicological Sciences*, **2019**, 169, 84-94	4.4	7
17	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen.. *Nature Metabolism*, **2021**, 3, 1694-1705	14.6	7
16	Plasma high-resolution metabolomics identifies linoleic acid and linked metabolic pathways associated with bone mineral density. *Clinical Nutrition*, **2021**, 40, 467-475	5.9	6
15	Distribution of phytochelatins, metal-binding compounds, in plant foods: A survey of commonly consumed fruits, vegetables, grains and legumes. *Food Chemistry*, **2021**, 339, 128051	8.5	5
14	Metabolome-wide association study of flavorant vanillin exposure in bronchial epithelial cells reveals disease-related perturbations in metabolism. *Environment International*, **2021**, 147, 106323	12.9	5
13	A non-lethal malarial infection results in reduced drug metabolizing enzyme expression and drug clearance in mice. *Malaria Journal*, **2019**, 18, 234	3.6	4
12	Metabolomic Associations with Serum Bone Turnover Markers. *Nutrients*, **2020**, 12,	6.7	4
11	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	4
10	Large scale enzyme based xenobiotic identification for exposomics. *Nature Communications*, **2021**, 12, 5418	17.4	4
9	A metabolomic study of cervical dystonia. *Parkinsonism and Related Disorders*, **2021**, 82, 98-103	3.6	3
8	Plasma Metabolomics of Common Marmosets (Callithrix jacchus) to Evaluate Diet and Feeding Husbandry. *Journal of the American Association for Laboratory Animal Science*, **2016**, 55, 137-46	1.3	2
7	Lung metabolome of 1,3-butadiene exposed Collaborative Cross mice reflects metabolic phenotype of human lung cancer. *Toxicology*, **2021**, 463, 152987	4.4	2
6	Metabolomics Analysis of Aspirin's Effects in Human Colon Tissue and Associations with Adenoma Risk. *Cancer Prevention Research*, **2020**, 13, 863-876	3.2	1
5	Cruciferous vegetables () confer cytoprotective effects in intestines. *Gut Microbes*, **2021**, 13, 1-6	8.8	1
4	Bridging the Gap between Analytical and Microbial Sciences in Microbiome Research. *MSystems*, **2021**, 6, e0058521	7.6	1
3	TCA cycle remodeling drives proinflammatory signaling in humans with pulmonary tuberculosis. *PLoS Pathogens*, **2021**, 17, e1009941	7.6	1
2	Integrative interactomics applied to bovine fescue toxicosis.. *Scientific Reports*, **2022**, 12, 4899	4.9	0

1	Sphinganine is associated with 24-h MAP in the non-sleepy with OSA.. *Metabolomics*, **2022**, 18, 23	4.7	0