Tianlu Chen

List of Publications by Year
in descending order

61 papers	4,143 citations	159585 30 h-index	138484 58 g-index
62 all docs	62 docs citations	62 times ranked	6577 citing authors

#	ARTICLE	IF	CITATIONS
1	Altered bile acid glycine:taurine ratio in the progression of chronic liver disease. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 208-215.	2.8	15
2	3MCor: an integrative web server for metabolome–microbiome-metadata correlation analysis. Bioinformatics, 2022, 38, 1378-1384.	4.1	3
3	Gut microbiota-bile acid crosstalk contributes to the rebound weight gain after calorie restriction in mice. Nature Communications, 2022, 13, 2060.	12.8	56
4	Serum Amino Acid Profiles Predict the Development of Hepatocellular Carcinoma in Patients with Chronic HBV Infection. ACS Omega, 2022, 7, 15795-15808.	3.5	7
5	Age-related compositional changes and correlations of gut microbiome, serum metabolome, and immune factor in rats. GeroScience, 2021, 43, 709-725.	4.6	37
6	Hyocholic acid species improve glucose homeostasis through a distinct TGR5 and FXR signaling mechanism. Cell Metabolism, 2021, 33, 791-803.e7.	16.2	185
7	Diagnosis of Fibrosis Using Blood Markers and Logistic Regression in Southeast Asian Patients With Non-alcoholic Fatty Liver Disease. Frontiers in Medicine, 2021, 8, 637652.	2.6	8
8	Hyocholic acid species as novel biomarkers for metabolic disorders. Nature Communications, 2021, 12, 1487.	12.8	66
9	Development of long-term cardiovascular disease risk prediction model for hemodialysis patients with end-stage renal disease based on nomogram. Annals of Palliative Medicine, 2021, 10, 3142-3153.	1.2	3
10	Bile Acid Profiles Are Distinct among Patients with Different Etiologies of Chronic Liver Disease. Journal of Proteome Research, 2021, 20, 2340-2351.	3.7	27
11	A Metabolite Array Technology for Precision Medicine. Analytical Chemistry, 2021, 93, 5709-5717.	6.5	112
12	iMAP: A Web Server for Metabolomics Data Integrative Analysis. Frontiers in Chemistry, 2021, 9, 659656.	3.6	7
13	Age-related functional changes of intestinal flora in rats. FEMS Microbiology Letters, 2021, 368, .	1.8	9
14	Salivary Metabolomics Reveals that Metabolic Alterations Precede the Onset of Schizophrenia. Journal of Proteome Research, 2021, 20, 5010-5023.	3.7	9
15	IP4M: an integrated platform for mass spectrometry-based metabolomics data mining. BMC Bioinformatics, 2020, 21, 444.	2.6	35
16	Serum metabolite profiles are associated with the presence of advanced liver fibrosis in Chinese patients with chronic hepatitis B viral infection. BMC Medicine, 2020, 18, 144.	5.5	33
17	MCEE 2.0: more options and enhanced performance. Analytical and Bioanalytical Chemistry, 2019, 411, 5089-5098.	3.7	3
18	Theabrownin from Pu-erh tea attenuates hypercholesterolemia via modulation of gut microbiota and bile acid metabolism. Nature Communications, 2019, 10, 4971.	12.8	418

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19	Strategy for Intercorrelation Identification between Metabolome and Microbiome. Analytical Chemistry, 2019, 91, 14424-14432.	6.5	9
20	Evaluation of metabolite-microbe correlation detection methods. Analytical Biochemistry, 2019, 567, 106-111.	2.4	27
21	MCEE: a data preprocessing approach for metabolic confounding effect elimination. Analytical and Bioanalytical Chemistry, 2018, 410, 2689-2699.	3.7	7
22	Missing Value Imputation Approach for Mass Spectrometry-based Metabolomics Data. Scientific Reports, 2018, 8, 663.	3.3	359
23	Strategy for an Association Study of the Intestinal Microbiome and Brain Metabolome Across the Lifespan of Rats. Analytical Chemistry, 2018, 90, 2475-2483.	6.5	32
24	polyPK: an R package for pharmacokinetic analysis of multi-component drugs using a metabolomics approach. Bioinformatics, 2018, 34, 1792-1794.	4.1	12
25	Poly–pharmacokinetic Study of a Multicomponent Herbal Medicine in Healthy Chinese Volunteers. Clinical Pharmacology and Therapeutics, 2018, 103, 692-702.	4.7	29
26	Food withdrawal alters the gut microbiota and metabolome in mice. FASEB Journal, 2018, 32, 4878-4888.	0.5	34
27	GSimp: A Gibbs sampler based left-censored missing value imputation approach for metabolomics studies. PLoS Computational Biology, 2018, 14, e1005973.	3.2	92
28	Serum lipid alterations identified in chronic hepatitis B, hepatitis B virus-associated cirrhosis and carcinoma patients. Scientific Reports, 2017, 7, 42710.	3.3	27
29	The ratio of dihomo–γ–linolenic acid to deoxycholic acid species is a potential biomarker for the metabolic abnormalities in obesity. FASEB Journal, 2017, 31, 3904-3912.	0.5	24
30	Serum stearic acid/palmitic acid ratio as a potential predictor of diabetes remission after Roux–en–Y gastric bypass in obesity. FASEB Journal, 2017, 31, 1449-1460.	0.5	29
31	Changes in retinal metabolic profiles associated with form deprivation myopia development in guinea pigs. Scientific Reports, 2017, 7, 2777.	3.3	27
32	Bile acid is a significant host factor shaping the gut microbiome of diet-induced obese mice. BMC Biology, 2017, 15, 120.	3.8	208
33	Metabolomic Approaches to Explore Chemical Diversity of Human Breast-Milk, Formula Milk and Bovine Milk. International Journal of Molecular Sciences, 2016, 17, 2128.	4.1	39
34	Tryptophan Predicts the Risk for Future Type 2 Diabetes. PLoS ONE, 2016, 11, e0162192.	2.5	74
35	Branched-chain and aromatic amino acid profiles and diabetes risk in Chinese populations. Scientific Reports, 2016, 6, 20594.	3.3	140
36	The Brain Metabolome of Male Rats across the Lifespan. Scientific Reports, 2016, 6, 24125.	3.3	51

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37	A panel of free fatty acid ratios to predict the development of metabolic abnormalities in healthy obese individuals. Scientific Reports, 2016, 6, 28418.	3.3	43
38	Global and Targeted Metabolomics Evidence of the Protective Effect of Chinese Patent Medicine <i>Jinkui Shenqi</i> Pill on Adrenal Insufficiency after Acute Glucocorticoid Withdrawal in Rats. Journal of Proteome Research, 2016, 15, 2327-2336.	3.7	22
39	Serum trace element differences between Schizophrenia patients and controls in the Han Chinese population. Scientific Reports, 2015, 5, 15013.	3.3	46
40	Profiling of Serum Bile Acids in a Healthy Chinese Population Using UPLCâ€"MS/MS. Journal of Proteome Research, 2015, 14, 850-859.	3.7	129
41	Circulating Unsaturated Fatty Acids Delineate the Metabolic Status of Obese Individuals. EBioMedicine, 2015, 2, 1513-1522.	6.1	110
42	Chenodeoxycholic Acid as a Potential Prognostic Marker for Roux-en-Y Gastric Bypass in Chinese Obese Patients. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4222-4230.	3.6	40
43	Pooled sample-based workflow and software for medical data calibration. , 2014, , .		1
44	Metabolomics analysis reveals variation in <i>Schisandra chinensis</i> metabolites from different origins. Journal of Separation Science, 2014, 37, 731-737.	2.5	25
45	Serum Metabolic Signatures of Four Types of Human Arthritis. Journal of Proteome Research, 2013, 12, 3769-3779.	3.7	68
46	Random Forest in Clinical Metabolomics for Phenotypic Discrimination and Biomarker Selection. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	69
47	Integrated profiling of metabolites and trace elements reveals a multifaceted malnutrition in pregnant women from a region with a high prevalence of congenital malformations. Metabolomics, 2012, 8, 831-844.	3.0	3
48	Distinct Urinary Metabolic Profile of Human Colorectal Cancer. Journal of Proteome Research, 2012, 11, 1354-1363.	3.7	184
49	Metabolic Transformation of DMBA-Induced Carcinogenesis and Inhibitory Effect of Salvianolic Acid B and Breviscapine Treatment. Journal of Proteome Research, 2012, 11, 1302-1316.	3.7	41
50	Metabolic Fate of Tea Polyphenols in Humans. Journal of Proteome Research, 2012, 11, 3449-3457.	3.7	56
51	Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma. Molecular and Cellular Proteomics, 2011, 10, M110.004945.	3.8	267
52	Metabolic profiling reveals the protective effect of diammonium glycyrrhizinate on acute hepatic injury induced by carbon tetrachloride. Metabolomics, 2011, 7, 226-236.	3.0	13
53	Metabolomic evaluation of di-n-butyl phthalate-induced teratogenesis in mice. Metabolomics, 2011, 7, 559-571.	3.0	15
54	Salivary metabolite signatures of oral cancer and leukoplakia. International Journal of Cancer, 2011, 129, 2207-2217.	5.1	185

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55	An optimized procedure for metabonomic analysis of rat liver tissue using gas chromatography/time-of-flight mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 589-596.	2.8	72
56	Comprehensive comparison of classifiers for metabolic profiling analysis. , 2010, , .		0
57	Serum Metabolite Profiling of Human Colorectal Cancer Using GCâˆ'TOFMS and UPLCâˆ'QTOFMS. Journal of Proteome Research, 2009, 8, 4844-4850.	3.7	363
58	Characterization of Pu-erh Tea Using Chemical and Metabolic Profiling Approaches. Journal of Agricultural and Food Chemistry, 2009, 57, 3046-3054.	5.2	111
59	Pipeline defects diagnosis based on feature extraction and neural-network fusion. Russian Journal of Nondestructive Testing, 2006, 42, 340-344.	0.9	5
60	Ultrasonic Nondestructive Testing Accurate Sizing and Locating Technique Based on Time-of-Flight-Diffraction Method. Russian Journal of Nondestructive Testing, 2005, 41, 594-601.	0.9	10
61	Theabrownin and Poria cocos Polysaccharide Improve Lipid Metabolism via Modulation of Bile Acid and Fatty Acid Metabolism. Frontiers in Pharmacology, 0, 13, .	3.5	12