

# Jinchun Sun

## List of Publications by Year in descending order

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28  
papers

552  
citations

516710

16  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
2	Evaluating Cefoperazone-Induced Gut Metabolic Functional Changes in MR1-Deficient Mice. <i>Metabolites</i> , 2022, 12, 380.	2.9	1
3	Discovery of Novel Proteomic Biomarkers for the Prediction of Kidney Recovery from Dialysis-Dependent AKI Patients. <i>Kidney360</i> , 2021, 2, 1716-1727.	2.1	16
4	Serum metabolite profiles predict outcomes in critically ill patients receiving renal replacement therapy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123024.	2.3	8
5	Evaluation of the Performance of Lipidizer Platform and Its Application in the Lipidomics Analysis in Mouse Heart and Liver. <i>Journal of Proteome Research</i> , 2020, 19, 2742-2749.	3.7	17
6	Bile Acid Profile and its Changes in Response to Cefoperazone Treatment in MR1 Deficient Mice. <i>Metabolites</i> , 2020, 10, 127.	2.9	7
7	Metabolomics-based pathway changes in testis fragments treated with ethinylestradiol in vitro. <i>Birth Defects Research</i> , 2019, 111, 1643-1654.	1.5	2
8	Metabolomics Test Materials for Quality Control: A Study of a Urine Materials Suite. <i>Metabolites</i> , 2019, 9, 270.	2.9	13
9	Stability of the Human Plasma Proteome to Pre-analytical Variability as Assessed by an Aptamer-Based Approach. <i>Journal of Proteome Research</i> , 2019, 18, 3661-3670.	3.7	17
10	Microbiota of MR1 deficient mice confer resistance against <i>Clostridium difficile</i> infection. <i>PLoS ONE</i> , 2019, 14, e0223025.	2.5	19
11	An Integrated Analysis of Metabolites, Peptides, and Inflammation Biomarkers for Assessment of Preanalytical Variability of Human Plasma. <i>Journal of Proteome Research</i> , 2019, 18, 2411-2421.	3.7	20
12	Aptamer-Based Proteomics Identifies Mortality-Associated Serum Biomarkers in Dialysis-Dependent AKI Patients. <i>Kidney International Reports</i> , 2018, 3, 1202-1213.	0.8	20
13	An Aptamer-Based Approach to Assess the Human Plasma Proteome for Pre-Analytical Variability. <i>FASEB Journal</i> , 2018, 32, 802.5.	0.5	0
14	Dose-response analysis of epigenetic, metabolic, and apical endpoints after short-term exposure to experimental hepatotoxicants. <i>Food and Chemical Toxicology</i> , 2017, 109, 690-702.	3.6	21
15	Evaluation of metabolism of azo dyes and their effects on <i>Staphylococcus aureus</i> metabolome. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1471-1481.	3.0	23
16	Proteomic analysis of acetaminophen-induced hepatotoxicity and identification of heme oxygenase 1 as a potential plasma biomarker of liver injury. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600123.	1.6	26
17	Metabolomics Analysis of Urine Samples from Children after Acetaminophen Overdose. <i>Metabolites</i> , 2017, 7, 46.	2.9	14
18	Metabolomics evaluation of the impact of smokeless tobacco exposure on the oral bacterium <i>Capnocytophaga sputigena</i> . <i>Toxicology in Vitro</i> , 2016, 36, 133-141.	2.4	12

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19	Quality assurance of metabolomics. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2015, 32, 319-326.	1.5	30
20	Identification of a metabolic biomarker panel in rats for prediction of acute and idiosyncratic hepatotoxicity. <i>Computational and Structural Biotechnology Journal</i> , 2014, 10, 78-89.	4.1	18
21	Comprehensive analysis of alterations in lipid and bile acid metabolism by carbon tetrachloride using integrated transcriptomics and metabolomics. <i>Metabolomics</i> , 2014, 10, 1293-1304.	3.0	5
22	Metabolomics as a tool for personalizing medicine: 2012 update. <i>Personalized Medicine</i> , 2013, 10, 149-161.	1.5	22
23	Evaluating effects of penicillin treatment on the metabolome of rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 134-143.	2.3	26
24	Discovery of early urinary biomarkers in preclinical study of gentamicin-induced kidney injury and recovery in rats. <i>Metabolomics</i> , 2012, 8, 1181-1193.	3.0	9
25	Serum metabolomic profiles from patients with acute kidney injury: A pilot study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 893-894, 107-113.	2.3	81
26	Metabolomic analysis of urine from rats chronically dosed with acrylamide using NMR and LC/MS. <i>Metabolomics</i> , 2010, 6, 550-563.	3.0	20
27	Study of valproic acid-induced endogenous and exogenous metabolite alterations using LC-MS-based metabolomics. <i>Bioanalysis</i> , 2010, 2, 207-216.	1.5	25
28	Identification of metabolite profiles of the catechol-O-methyl transferase inhibitor tolcapone in rat urine using LC/MS-based metabolomics analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2557-2565.	2.3	36