Yuping Cai

List of Publications by Year in descending order

21 papers	991 citations	759233 12 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	1659 citing authors

#	Article	IF	Citations
1	Asparagine Metabolism in Tumors Is Linked to Poor Survival in Females with Colorectal Cancer: A Cohort Study. Metabolites, 2022, 12, 164.	2.9	8
2	Abstract 2394: Discovery of a sex-specific metabolic phenotype in KRAS mutant colorectal cancer. Cancer Research, 2022, 82, 2394-2394.	0.9	0
3	Identification of Dose-Dependent DNA Damage and Repair Responses From Subchronic Exposure to 1,4-Dioxane in Mice Using a Systems Analysis Approach. Toxicological Sciences, 2021, 183, 338-351.	3.1	10
4	YIV-906 potentiated anti-PD1 action against hepatocellular carcinoma by enhancing adaptive and innate immunity in the tumor microenvironment. Scientific Reports, 2021, 11, 13482.	3.3	13
5	Kynurenic acid may underlie sex-specific immune responses to COVID-19. Science Signaling, 2021, 14, .	3.6	58
6	Ion mobility-based sterolomics reveals spatially and temporally distinctive sterol lipids in the mouse brain. Nature Communications, 2021, 12, 4343.	12.8	31
7	Molecular Pathway Analysis Indicates a Distinct Metabolic Phenotype in Women With Right-Sided Colon Cancer. Translational Oncology, 2020, 13, 42-56.	3.7	14
8	Sex Differences in Colon Cancer Metabolism Reveal A Novel Subphenotype. Scientific Reports, 2020, 10, 4905.	3.3	41
9	Tumor Tissue-Specific Biomarkers of Colorectal Cancer by Anatomic Location and Stage. Metabolites, 2020, 10, 257.	2.9	16
10	Analyzing Metabolomics Data for Environmental Health and Exposome Research. Methods in Molecular Biology, 2020, 2104, 447-467.	0.9	9
11	Gene Alterations of N6-Methyladenosine (m6A) Regulators in Colorectal Cancer: A TCGA Database Study. BioMed Research International, 2020, 2020, 1-13.	1.9	13
12	DecoMetDIA: Deconvolution of Multiplexed MS/MS Spectra for Metabolite Identification in SWATH-MS-Based Untargeted Metabolomics. Analytical Chemistry, 2019, 91, 11897-11904.	6.5	43
13	Normalizing Untargeted Periconceptional Urinary Metabolomics Data: A Comparison of Approaches. Metabolites, 2019, 9, 198.	2.9	30
14	Metabolic reaction network-based recursive metabolite annotation for untargeted metabolomics. Nature Communications, 2019, 10, 1516.	12.8	218
15	A High-Throughput Targeted Metabolomics Workflow for the Detection of 200 Polar Metabolites in Central Carbon Metabolism. Methods in Molecular Biology, 2019, 1859, 263-274.	0.9	13
16	Palbociclib and Fulvestrant Act in Synergy to Modulate Central Carbon Metabolism in Breast Cancer Cells. Metabolites, 2019, 9, 7.	2.9	10
17	SWATHtoMRM: Development of High-Coverage Targeted Metabolomics Method Using SWATH Technology for Biomarker Discovery. Analytical Chemistry, 2018, 90, 4062-4070.	6.5	99
18	Stable-isotope Labeled Metabolic Analysis in Drosophila melanogaster: from Experimental Setup to Data Analysis. Bio-protocol, 2018, 8, e3015.	0.4	2

#	Article	IF	Citations
19	MetDIA: Targeted Metabolite Extraction of Multiplexed MS/MS Spectra Generated by Data-Independent Acquisition. Analytical Chemistry, 2016, 88, 8757-8764.	6.5	93
20	Normalization and integration of large-scale metabolomics data using support vector regression. Metabolomics, 2016, 12, 1.	3.0	134
21	An integrated targeted metabolomic platform for high-throughput metabolite profiling and automated data processing. Metabolomics, 2015, 11, 1575-1586.	3.0	112