

Yuping Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9813041/publications.pdf>

Version: 2024-02-01

21
papers

991
citations

758635

12
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic reaction network-based recursive metabolite annotation for untargeted metabolomics. <i>Nature Communications</i> , 2019, 10, 1516.	5.8	218
2	Normalization and integration of large-scale metabolomics data using support vector regression. <i>Metabolomics</i> , 2016, 12, 1.	1.4	134
3	An integrated targeted metabolomic platform for high-throughput metabolite profiling and automated data processing. <i>Metabolomics</i> , 2015, 11, 1575-1586.	1.4	112
4	SWATHtoMRM: Development of High-Coverage Targeted Metabolomics Method Using SWATH Technology for Biomarker Discovery. <i>Analytical Chemistry</i> , 2018, 90, 4062-4070.	3.2	99
5	MetDIA: Targeted Metabolite Extraction of Multiplexed MS/MS Spectra Generated by Data-Independent Acquisition. <i>Analytical Chemistry</i> , 2016, 88, 8757-8764.	3.2	93
6	Kynurenic acid may underlie sex-specific immune responses to COVID-19. <i>Science Signaling</i> , 2021, 14, .	1.6	58
7	DecoMetDIA: Deconvolution of Multiplexed MS/MS Spectra for Metabolite Identification in SWATH-MS-Based Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2019, 91, 11897-11904.	3.2	43
8	Sex Differences in Colon Cancer Metabolism Reveal A Novel Subphenotype. <i>Scientific Reports</i> , 2020, 10, 4905.	1.6	41
9	Ion mobility-based sterolomics reveals spatially and temporally distinctive sterol lipids in the mouse brain. <i>Nature Communications</i> , 2021, 12, 4343.	5.8	31
10	Normalizing Untargeted Periconceptional Urinary Metabolomics Data: A Comparison of Approaches. <i>Metabolites</i> , 2019, 9, 198.	1.3	30
11	Tumor Tissue-Specific Biomarkers of Colorectal Cancer by Anatomic Location and Stage. <i>Metabolites</i> , 2020, 10, 257.	1.3	16
12	Molecular Pathway Analysis Indicates a Distinct Metabolic Phenotype in Women With Right-Sided Colon Cancer. <i>Translational Oncology</i> , 2020, 13, 42-56.	1.7	14
13	A High-Throughput Targeted Metabolomics Workflow for the Detection of 200 Polar Metabolites in Central Carbon Metabolism. <i>Methods in Molecular Biology</i> , 2019, 1859, 263-274.	0.4	13
14	YIV-906 potentiated anti-PD1 action against hepatocellular carcinoma by enhancing adaptive and innate immunity in the tumor microenvironment. <i>Scientific Reports</i> , 2021, 11, 13482.	1.6	13
15	Gene Alterations of N6-Methyladenosine (m6A) Regulators in Colorectal Cancer: A TCGA Database Study. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	13
16	Palbociclib and Fulvestrant Act in Synergy to Modulate Central Carbon Metabolism in Breast Cancer Cells. <i>Metabolites</i> , 2019, 9, 7.	1.3	10
17	Identification of Dose-Dependent DNA Damage and Repair Responses From Subchronic Exposure to 1,4-Dioxane in Mice Using a Systems Analysis Approach. <i>Toxicological Sciences</i> , 2021, 183, 338-351.	1.4	10
18	Analyzing Metabolomics Data for Environmental Health and Exposome Research. <i>Methods in Molecular Biology</i> , 2020, 2104, 447-467.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Asparagine Metabolism in Tumors Is Linked to Poor Survival in Females with Colorectal Cancer: A Cohort Study. <i>Metabolites</i> , 2022, 12, 164.	1.3	8
20	Stable-isotope Labeled Metabolic Analysis in <i>Drosophila melanogaster</i> : from Experimental Setup to Data Analysis. <i>Bio-protocol</i> , 2018, 8, e3015.	0.2	2
21	Abstract 2394: Discovery of a sex-specific metabolic phenotype in KRAS mutant colorectal cancer. <i>Cancer Research</i> , 2022, 82, 2394-2394.	0.4	0