

Metabolomics in cancer research and emerging applicat

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Knockout of Putative Tumor Suppressor Aldh1l1 in Mice Reprograms Metabolism to Accelerate Growth of Tumors in a Diethylnitrosamine (DEN) Model of Liver Carcinogenesis. <i>Cancers</i> , 2021, 13, 3219.	1.7	10
2	Primary Aldosteronism: Metabolic Reprogramming and the Pathogenesis of Aldosterone-Producing Adenomas. <i>Cancers</i> , 2021, 13, 3716.	1.7	6
3	Early screening and diagnosis strategies of pancreatic cancer: a comprehensive review. <i>Cancer Communications</i> , 2021, 41, 1257-1274.	3.7	111
4	LC-MS Based Metabolomics Study of the Effects of EGCG on A549 Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 732716.	1.6	10
5	Colony Stimulating Factor-1 and its Receptor in Gastrointestinal Malignant Tumors. <i>Journal of Cancer</i> , 2021, 12, 7111-7119.	1.2	8
6	Pathogenic mitochondrial dysfunction and metabolic abnormalities. <i>Biochemical Pharmacology</i> , 2021, 193, 114809.	2.0	21
7	Integrating Whole Blood Transcriptomic Collection Procedures Into the Current Anti-Doping Testing System, Including Long-Term Storage and Re-Testing of Anti-Doping Samples. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 728273.	1.6	5
8	Optimizing Adaptive Therapy Based on the Reachability to Tumor Resistant Subpopulation. <i>Cancers</i> , 2021, 13, 5262.	1.7	8
9	Unravelling the Anticancer Mechanisms of Traditional Herbal Medicines with Metabolomics. <i>Molecules</i> , 2021, 26, 6541.	1.7	13
11	Metabolomics in Autoimmune Diseases: Focus on Rheumatoid Arthritis, Systemic Lupus Erythematosus, and Multiple Sclerosis. <i>Metabolites</i> , 2021, 11, 812.	1.3	10
12	Significant metabolic alterations in patients with hepatitis B virus replication observed via serum untargeted metabolomics shed new light on hepatitis B virus infection. <i>Journal of Drug Targeting</i> , 2022, 30, 442-449.	2.1	14
13	Cancer—A Major Cardiac Comorbidity With Implications on Cardiovascular Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 729713.	1.3	18
14	Monitoring Retinoblastoma by Machine Learning of Aqueous Humor Metabolic Fingerprinting. <i>Small Methods</i> , 2022, 6, e2101220.	4.6	20
15	Placental metabolite profiles in late gestation for healthy mice. <i>Metabolomics</i> , 2022, 18, 10.	1.4	5
16	Serum Metabolomic Profiling Reveals Biomarkers for Early Detection and Prognosis of Esophageal Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 790933.	1.3	13
17	Metabolomic Fingerprinting for the Detection of Early-Stage Lung Cancer: From the Genome to the Metabolome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1215.	1.8	10
18	Understanding metabolic alterations and heterogeneity in cancer progression through validated immunodetection of key molecular components: a case of carbonic anhydrase IX. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 1035-1053.	2.7	8
19	Network biology and artificial intelligence drive the understanding of the multidrug resistance phenotype in cancer. <i>Drug Resistance Updates</i> , 2022, 60, 100811.	6.5	13

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20	Dynamic Cancer Cell Heterogeneity: Diagnostic and Therapeutic Implications. <i>Cancers</i> , 2022, 14, 280.	1.7	12
21	Deciphering the Immune-Tumor Interplay During Early-Stage Lung Cancer Development via Single-Cell Technology. <i>Frontiers in Oncology</i> , 2021, 11, 716042.	1.3	5
22	A Checklist for Reproducible Computational Analysis in Clinical Metabolomics Research. <i>Metabolites</i> , 2022, 12, 87.	1.3	12
23	Potential Metabolite Biomarkers for Early Detection of Stage-I Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 744667.	1.3	5
24	Thyroid Cancer Diagnostics Related to Occupational and Environmental Risk Factors: An Integrated Risk Assessment Approach. <i>Diagnostics</i> , 2022, 12, 318.	1.3	2
25	Machine Learning: A New Prospect in Multi-Omics Data Analysis of Cancer. <i>Frontiers in Genetics</i> , 2022, 13, 824451.	1.1	41
26	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
27	Metabolomics and its Applications in Cancer Cachexia. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 789889.	1.6	11
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37	Distinct metabolic profiles associated with autism spectrum disorder versus cancer in individuals with germline PTEN mutations. <i>Npj Genomic Medicine</i> , 2022, 7, 16.	1.7	8

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40	Identification and Validation of PLOD2 as an Adverse Prognostic Biomarker for Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , 2021, 11, 1842.	1.8	9
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51	Correlation Analysis Between Trace Elements and Colorectal Cancer Metabolism by Integrated Serum Proteome and Metabolome. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	3
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131	An omics approach to delineating the molecular mechanisms that underlie the biological effects of physical plasma. <i>Biophysics Reviews</i> , 2023, 4, 011312.	1.0	0
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192	Bringing Human Serum Lipidomics to the Forefront of Clinical Practice: Two Clinical Diagnosis Success Stories. , 2023, , 239-267.		0
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