
文献清单：2024 – 2025年高引文章荐读 MDPI Metabolites 癌症代谢相关研究

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期刊主页：<https://www.mdpi.com/journal/metabolites>

1. Endoplasmic Reticulum Stress and Its Role in Metabolic Reprogramming of Cancer

内质网应激及其在癌症代谢重编程中的作用

Salvatore Zarrella, Maria Rosaria Miranda, Verdiana Covelli, Ignazio Restivo, Sara Novi, Giacomo Pepe, Luisa Tesoriere, Manuela Rodriguez, Alessia Bertamino, Pietro Campiglia et al.

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2. Machine Learning-Driven Insights in Cancer Metabolomics: From Subtyping to Biomarker Discovery and Prognostic Modeling

机器学习驱动的癌症代谢组学见解：从亚型分类到生物标志物发现与预后建模

Amr Elguoshy, Hend Zedan, Suguru Saito

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3. Bile Acids in Pancreatic Carcinogenesis

胆汁酸在胰腺癌发生中的作用

Bharti Sharma, Kate Twelker, Cecilia Nguyen, Scott Ellis, Navin D. Bhatia, Zachary Kushner, Andrew Agriantonis, George Agriantonis, Monique Arnold, Jasmine Dave et al.

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4. Advances in Mass Spectrometry-Based Blood Metabolomics Profiling for Non-Cancer Diseases: A

Comprehensive Review

基于质谱的血液代谢组学分析在非癌症疾病中的应用进展：综述

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5. Is Lipid Metabolism of Value in Cancer Research and Treatment? Part II: Role of Specialized Pro-Resolving Mediators in Inflammation, Infections, and Cancer

脂质代谢在癌症研究和治疗中是否具有价值？第二部分：特异性促消退介质在炎症、感染和癌症中的作用

Muhammad Usman Babar, Ala F. Nassar, Xinxin Nie, Tianxiang Zhang, Jianwei He, Jacky Yeung, Paul Norris, Hideki Ogura, Anne Muldoon, Lieping Chen, et al.

<https://www.mdpi.com/2218-1989/14/6/314>

6. Targeting Disulfidptosis with Potentially Bioactive Natural Products in Metabolic Cancer Therapy

利用潜在生物活性天然产物靶向二硫键凋亡进行代谢性癌症治疗

Xinyan Li, Jiayi Xu, Liangwen Yan, Shengkang Tang, Yinggang Zhang, Mengjiao Shi, and Pengfei Liu

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7. Metabolic Roles of HIF1, c-Myc, and p53 in Glioma Cells

HIF1、c-Myc 和 p53 在胶质瘤细胞中的代谢作用

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8. Salivary Metabolites Produced by Oral Microbes in Oral Diseases and Oral Squamous Cell Carcinoma: A Review

口腔疾病和口腔鳞状细胞癌中口腔微生物产生的唾液代谢物：综述

Bina Kashyap, and Arja Kullaa

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9. Detection and Validation of Organic Metabolites in Urine for Clear Cell Renal Cell Carcinoma Diagnosis

尿液中有机代谢物的检测与验证在透明细胞肾细胞癌诊断中的应用

Kiana L. Holbrook, George E. Quaye, Elizabeth Noriega Landa, Xiaogang Su, Qin Gao, Heinric Williams, Ryan Young, Sabur Badmos, Ahsan Habib, Angelica A. Chacon, et al.

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10. Nanomedicines Targeting Metabolic Pathways in the Tumor Microenvironment: Future Perspectives and the Role of AI

靶向肿瘤微环境代谢通路的纳米药物：未来展望及人工智能的作用

Shuai Fan, Wenyu Wang, Wenbo Che, Yicheng Xu, Chuan Jin, Lei Dong, and Qin Xia

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11. Silymarin as a Therapeutic Agent for Hepatocellular Carcinoma: A Multi-Approach Computational Study

水飞蓟素作为肝细胞癌的治疗药物：一项多方法计算研究

Ouided Benslama, Sabrina Lekmine, Hamza Moussa, Hichem Tahraoui, Mohammad Shamsul Ola, Jie Zhang, and Abdeltif Amrane

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