

Resource Summary Report

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PAPi

RRID:SCR_002857

Type: Tool

Proper Citation

PAPi (RRID:SCR_002857)

Resource Information

URL: <http://www.bioconductor.org/packages/release/bioc/html/PAPi.html>

Proper Citation: PAPi (RRID:SCR_002857)

Description: An R package for predicting the activity of metabolic pathways based solely on a metabolomics data set containing a list of metabolites identified and their respective abundances in different biological samples. PAPi generates hypothesis that improves the final biological interpretation.

Synonyms: PAPi - Predict metabolic pathway activity based on metabolomics data, Pathway Activity Profiling

Resource Type: software resource

Defining Citation: [PMID:20929912](#)

Keywords: standalone software, mac os x, unix/linux, windows, r, mass spectrometry, metabolomics

Availability: Free, Freely available, Available for download

Resource Name: PAPi

Resource ID: SCR_002857

Alternate IDs: OMICS_02653

License: GNU General Public License, v2 or greater

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260815T182221+0000

Ratings and Alerts

No rating or validation information has been found for PAPI.

No alerts have been found for PAPI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 56 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hendin SK, et al. (2026) Impact of Higher Versus Lower Blood Pressure Targets on Pulmonary Vascular Hemodynamics During Intensive Care After Out-of-Hospital Cardiac Arrest. *Acta anaesthesiologica Scandinavica*, 70(7), e70294.

Avadhanam S, et al. (2025) Phase-free local ancestry inference mitigates the impact of switch errors on phase-based methods. *G3 (Bethesda, Md.)*, 15(8).

Kalapurakal G, et al. (2025) Haemodynamic effects of intra-aortic balloon pumps stratified by baseline pulmonary artery pulsatility index. *ESC heart failure*, 12(1), 316.

Brewer JM, et al. (2025) Technique for Weaning From Peripheral Venopulmonary Extracorporeal Membrane Oxygenation in Combined Cardiopulmonary Failure. *ASAIO journal (American Society for Artificial Internal Organs : 1992)*, 71(2), e23.

Ramaj K, et al. (2025) Adverse Childhood Experiences, Intimate Partner Violence, and Mental Well-Being Among Mothers of Toddlers in Tirana, Albania: A Cross-Sectional Mediation Analysis. *Violence against women*, 31(1), 206.

Mravčík V, et al. (2025) Informed implementation practice - formative research of a mobile drug consumption room in Brno, Czech Republic. *Harm reduction journal*, 22(1), 106.

Zhang F, et al. (2025) Altered gut microbiota and metabolite profiles in community-acquired pneumonia: a metagenomic and metabolomic study. *Microbiology spectrum*, 13(4), e0263924.

Ikeda Y, et al. (2025) Phase-Specific Hemodynamic Criteria and Outcomes in Patients With Cardiogenic Shock Receiving Percutaneous Ventricular Assist Devices. *Journal of the American Heart Association*, 14(13), e042249.

Wei J, et al. (2024) The Association of the Pulmonary Artery Pulsatility Index and Right Ventricular Function after Cardiac Surgery. *Critical care research and practice*, 2024, 5408008.

Akamkam A, et al. (2024) Association between pulmonary artery pulsatility and mortality after implantation of left ventricular assist device. *ESC heart failure*, 11(4), 2100.

Zhang M, et al. (2024) Enhancing self-regulation and learner engagement in L2 speaking: exploring the potential of intelligent personal assistants within a learning-oriented feedback framework. *BMC psychology*, 12(1), 421.

Yamada N, et al. (2024) Impact of inhaled nitric oxide therapy in patients with cardiogenic shock treated with veno-arterial extracorporeal membrane oxygenation combined with Impella: a retrospective cohort study. *Journal of intensive care*, 12(1), 49.

Huang W, et al. (2024) Sequence diversity of apidaecin-like peptides arresting the terminating ribosome. *Nucleic acids research*, 52(15), 8967.

Bart N, et al. (2023) Pre-operative pulmonary artery pulsatility index does not predict mortality post-cardiac transplantation. *ESC heart failure*, 10(3), 1980.

Shi Z, et al. (2023) Metagenomic and metabolomic analyses reveal the role of gut microbiome-associated metabolites in diarrhea calves. *mSystems*, 8(5), e0058223.

Castagna F, et al. (2023) Predicting Hemodynamic Changes During Intra-Aortic Balloon Pump Support With a Longitudinal Evaluation. *ASAIO journal (American Society for Artificial Internal Organs : 1992)*, 69(11), 977.

Yim IHW, et al. (2023) A systematic review and physiology of pulmonary artery pulsatility index in left ventricular assist device therapy. *Interdisciplinary cardiovascular and thoracic surgery*, 36(5).

Zhang J, et al. (2023) Fabrication of Rigid Isocyanate-Based Polyimide Foam Achieved Excellent Use Safety via Synergy between Expandable Graphite and Phosphorus-Containing Polyol. *Polymers*, 15(6).

Francis N, et al. (2023) Tyrosine phosphorylation controlled poly(A) polymerase I activity regulates general stress response in bacteria. *Life science alliance*, 6(3).

Ye D, et al. (2023) Integrative metagenomic and metabolomic analyses reveal gut microbiota-derived multiple hits connected to development of gestational diabetes mellitus in humans. *Gut microbes*, 15(1), 2154552.