

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 2026

PostgreSQL

RRID:SCR_021067

Type: Tool

Proper Citation

PostgreSQL (RRID:SCR_021067)

Resource Information

URL: <https://www.postgresql.org/>

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Description: Open source object relational database system that uses and extends SQL language combined with many features that safely store and scale the most complicated data workloads. PostgreSQL runs on all major operating systems.

Synonyms: Postgres

Resource Type: data or information resource, database

Keywords: Object relational database system, SQL language, data storage, data, database system

Availability: Free, Available for download, Freely available

Resource Name: PostgreSQL

Resource ID: SCR_021067

Record Creation Time: 20220129T080353+0000

Record Last Update: 20260729T044510+0000

Ratings and Alerts

No rating or validation information has been found for PostgreSQL.

No alerts have been found for PostgreSQL.

Data and Source Information

Usage and Citation Metrics

We found 108 mentions in open access literature.

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

Jiang L, et al. (2025) Enhancing early mortality prediction for sepsis-associated acute respiratory distress syndrome patients via optimized machine learning algorithm: development and multiple databases' validation of the SAFE-Mo. International journal of surgery (London, England), 111(9), 6008.

Bueckle A, et al. (2025) Construction, Deployment, and Usage of the Human Reference Atlas Knowledge Graph. Scientific data, 12(1), 1100.

Liao J, et al. (2025) Positive association between stress hyperglycemia ratio and ICU mortality in patients with pulmonary embolism: A retrospective study. PloS one, 20(3), e0320644.

Mareuil F, et al. (2025) InDeepNet: a web platform for predicting functional binding sites in proteins using InDeep. Nucleic acids research, 53(W1), W324.

Cao YF, et al. (2025) Association of magnesium sulphate use with mortality in patients with acute respiratory distress syndrome: a retrospective propensity score-matched cohort study. Scientific reports, 15(1), 35528.

Costa M, et al. (2025) VarGuideAtlas: a repository of variant interpretation guidelines. Database : the journal of biological databases and curation, 2025.

Sun PF, et al. (2025) Association of 24-Hour blood pressure average real variability with poor prognosis in critically ill patients with coronary artery disease. Scientific reports, 15(1), 20676.

Netzel P, et al. (2025) Standardized Climatic Water Balance for Poland (1951-2023) Supporting Forestry and Drought Monitoring. Scientific data, 12(1), 1915.

Ale L, et al. (2025) Enhancing statistical analysis of real world data. Database : the journal of biological databases and curation, 2025.

Roy A, et al. (2025) MDRepo-an open data warehouse for community-contributed molecular dynamics simulations of proteins. Nucleic acids research, 53(D1), D477.

Huang C, et al. (2025) scCancerExplorer: a comprehensive database for interactively exploring single-cell multi-omics data of human pan-cancer. Nucleic acids research, 53(D1), D1526.

Molano LG, et al. (2025) The PLSDB 2025 update: enhanced annotations and improved functionality for comprehensive plasmid research. Nucleic acids research, 53(D1), D189.

Zhang Y, et al. (2025) PerturbAtlas: a comprehensive atlas of public genetic perturbation bulk RNA-seq datasets. *Nucleic acids research*, 53(D1), D1112.

Zheng X, et al. (2025) DMRdb: a disease-centric Mendelian randomization database for systematically assessing causal relationships of diseases with genes, proteins, CpG sites, metabolites and other diseases. *Nucleic acids research*, 53(D1), D1363.

Wang P, et al. (2025) scCompass: An Integrated Multi-Species scRNA-seq Database for AI-Ready. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(25), e2500870.

Goldmann U, et al. (2025) Data- and knowledge-derived functional landscape of human solute carriers. *Molecular systems biology*, 21(6), 599.

Liu Z, et al. (2025) Prediction for Respiratory Failure in Ischemic Stroke Patients Admitted to ICU: A Retrospective Analysis Based on MIMIC-IV Database. *Brain and behavior*, 15(12), e71146.

Buzzao D, et al. (2025) FunCoup 6: advancing functional association networks across species with directed links and improved user experience. *Nucleic acids research*, 53(D1), D658.

??kuta C, et al. (2025) ECBD: European chemical biology database. *Nucleic acids research*, 53(D1), D1383.

Schnoering H, et al. (2025) Bitcoin research with a transaction graph dataset. *Scientific data*, 12(1), 404.