

Resource Summary Report

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R Project for Statistical Computing

RRID:SCR_001905

Type: Tool

Proper Citation

R Project for Statistical Computing (RRID:SCR_001905)

Resource Information

URL: <http://www.r-project.org/>

Proper Citation: R Project for Statistical Computing (RRID:SCR_001905)

Description: Software environment and programming language for statistical computing and graphics. R is integrated suite of software facilities for data manipulation, calculation and graphical display. Can be extended via packages. Some packages are supplied with the R distribution and more are available through CRAN family. It compiles and runs on wide variety of UNIX platforms, Windows and MacOS.

Abbreviations: R

Synonyms: R software, The R Project for Statistical Computing, R project, R Project, R, R version 3.5.1, R Package, R-3, R version 3.6.1, R Project for Statistical Computing

Resource Type: software resource

Defining Citation: [PMID:18252159](#)

Keywords: R software, statistical, computing, graphics, programming, language, bio.tools

Resource Name: R Project for Statistical Computing

Resource ID: SCR_001905

Alternate IDs: SCR_021974, nif-0000-10474, OMICS_01147, biotools:r

Alternate URLs: <https://cran.r-project.org/src/base/R-3/>, <https://bio.tools/r>

License: GNU General Public License

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Ratings and Alerts

No rating or validation information has been found for R Project for Statistical Computing.

No alerts have been found for R Project for Statistical Computing.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 47818 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Jia X, et al. (2026) Heterogeneity of diabetes and disease progression with a tree-like representation: findings from the China Cardiometabolic Disease and Cancer Cohort (4C) study. *Diabetologia*, 69(1), 114.

Kabelitz MA, et al. (2026) Impact of Frailty on the Prognosis of Patients With Liver Cirrhosis Undergoing Insertion of a TIPS. *Alimentary pharmacology & therapeutics*, 63(1), 109.

Bogner B, et al. (2026) Evaluation of deltoid muscle quality in reverse shoulder arthroplasty: correlation of MRI findings with postoperative function and strength. *European radiology*, 36(1), 484.

Sun B, et al. (2026) CDK1 γ -induced regulation of p53 phosphorylation at Ser315 mediates cell cycle arrest and apoptosis of macrophages infected with clinical isolates of *Mycobacterium tuberculosis*. *Molecular medicine reports*, 33(1).

Zhang Q, et al. (2026) Synergistic effects of Akebia saponin D and Semaglutide on diabetic nephropathy and osteoporosis via the Klotho β p53 signaling axis. *International journal of molecular medicine*, 57(1).

Liu Z, et al. (2026) The CpxR response regulator mediates the virulence of *Klebsiella pneumoniae* by regulating the expression of virulence-associated genes. *Microbiology spectrum*, 14(1), e0292825.

Cheng J, et al. (2026) Exploring the Link Between Stress-Induced Naive T-Cells and Esophageal Squamous Cell Carcinoma Risk: A Multi-Omics Investigation. *Annals of surgical oncology*, 33(2), 1789.

Kim D, et al. (2026) Molecular Epidemiology of Extended-spectrum β -Lactamase-producing *Escherichia coli* in South Korea: A Korean Global Antimicrobial Resistance Surveillance System Report. *Annals of laboratory medicine*, 46(1), 72.

Stimson RH, et al. (2026) Persistent C-peptide secretion is associated with favourable CGM metrics in adults with type 1 diabetes. *Diabetologia*, 69(1), 59.

Xiao Y, et al. (2026) The relationship between Braden Skin Score (BSS) and the risk of acute respiratory distress syndrome in elderly sepsis patients: An analysis based on the MIMIC-IV database. *PloS one*, 21(1), e0339873.

Kim M, et al. (2026) Prognostic Implications of Exosomal miRNA Networks Regulating TGF β 1-induced Epithelial-Mesenchymal Transition Signature in Oral Squamous Cell Carcinoma. *Cancer genomics & proteomics*, 23(1), 50.

Hu YM, et al. (2026) Elevated Tumor-Associated Androgen Receptor Activity Correlates with Poor Immune Infiltration and Immunotherapy Response across Cancer Types. *Cancer research communications*, 6(1), 17.

Bonamici L, et al. (2026) Characterization of Copy Number Variants in Hereditary Cancer Patients Through NGS Shows a Distinctive PALB2 Contribution to the Diagnostic Yield. *Human mutation*, 2026, 6601291.

Huang J, et al. (2026) Amelioration of acute lung injury by *Salvia miltiorrhiza*-derived extracellular vesicles: through repair of the vascular barrier and modulation of lung microbiota. *Chinese medicine*, 21(1), 6.

Akanuma S, et al. (2026) Dietary supplementation with silkworm pupae prevents growth retardation in broilers under heat stress conditions. *Poultry science*, 105(1), 106195.

Moedt E, et al. (2026) Baseline Risk and Longitudinal Changes in kidneyintelX.dkd and Its Association With Kidney Outcomes in the CANVAS and CREDENCE Trials. *Diabetes care*, 49(1), 92.

Yang Y, et al. (2026) Circular RNA circSCMH1 regulates glycolysis to inhibit gastric cancer metastasis via miR-296-3p/HSPB7-GLUT3 axis. *Translational oncology*, 64, 102644.

Shao Q, et al. (2026) CACNB1 alleviates mepivacaine-induced myocardial ischemia/reperfusion injury by promoting Nrf2 nuclear translocation. *Molecular medicine reports*, 33(2).

Lizak N, et al. (2026) Managing reactivation of multiple sclerosis during treatment with natalizumab. *Multiple sclerosis (Houndmills, Basingstoke, England)*, 32(1), 121.

Wang YH, et al. (2026) Insights into dill (*Anethum graveolens*) flavor formation via integrative analysis of chromosomal-scale genome, metabolome and transcriptome. *Journal of advanced research*, 79, 847.