

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](https://pubmed.ncbi.nlm.nih.gov/18252159/)

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

Funding:

Availability: Free, Available for download, Freely available

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 42074 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Banovac I, et al. (2025) Morphological and Molecular Characteristics of Perineuronal Nets in the Human Prefrontal Cortex-A Possible Link to Microcircuitry Specialization. *Molecular neurobiology*, 62(1), 1094.

Asanuma K, et al. (2025) Genetic Polymorphism in Alcohol Metabolism and Drinking Behavior Are Associated with Gastric Cancer Risk in Men. *Internal medicine (Tokyo, Japan)*, 64(1), 41.

Borde T, et al. (2025) Smart goggles augmented reality CT-US fusion compared to conventional fusion navigation for percutaneous needle insertion. *International journal of computer assisted radiology and surgery*, 20(1), 107.

Kim ME, et al. (2025) Kinetics of Renin Concentrations in Infants Undergoing Congenital Cardiac Surgery. *Journal of intensive care medicine*, 40(2), 172.

Dai D, et al. (2025) Landscape of the Peripheral Immune Response Induced by Intraoperative Radiotherapy Combined with Surgery in Early Breast Cancer Patients. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(1), e2308174.

Liu LL, et al. (2025) The Value of Primary Tumor Resection in Patients with Liver

Metastases: A 10-Year Outcome. *Annals of surgical oncology*, 32(2), 1083.

Hwang YS, et al. (2025) Identification of Novel Genetic Loci Affecting Age at Onset of Parkinson's Disease: A Genome-wide Association Study. *Movement disorders : official journal of the Movement Disorder Society*, 40(1), 77.

Yao J, et al. (2025) FUBP3 mediates the amyloid- β -induced neuronal NLRP3 expression. *Neural regeneration research*, 20(7), 2068.

Santhiago MR, et al. (2025) Relationship of Inflammatory Mediators (Interleukin and Cortisol Concentrations) with Corneal Epithelial Quantifiable Metrics. *Ophthalmology science*, 5(1), 100624.

Chen L, et al. (2025) A two-phase epigenome-wide four-way gene-smoking interaction study of overall survival for early-stage non-small cell lung cancer. *Molecular oncology*, 19(1), 173.

Bai W, et al. (2025) Development and validation of a radiomic prediction model for TACC3 expression and prognosis in non-small cell lung cancer using contrast-enhanced CT imaging. *Translational oncology*, 51, 102211.

Min JH, et al. (2025) Skeletal Muscle Index Changes on Locoregional Treatment Application After FOLFIRINOX and Survival in Pancreatic Cancer. *Journal of cachexia, sarcopenia and muscle*, 16(1), e16343.

Brown ME, et al. (2025) Inhibition of CD226 co-stimulation suppresses diabetes development in the NOD mouse by augmenting regulatory T cells and diminishing effector T cell function. *Diabetologia*, 68(2), 397.

Zhang J, et al. (2025) Histone methyltransferases MLL2 and SETD1A/B play distinct roles in H3K4me3 deposition during the transition from totipotency to pluripotency. *The EMBO journal*, 44(2), 437.

Kumagai C, et al. (2025) Questionnaire-based real-world survey of diagnosing food allergy in children: Utilization of oral food challenge tests and other diagnostic methods. *The journal of allergy and clinical immunology. Global*, 4(1), 100356.

Proty MB, et al. (2025) Aspirin modulates generation of procoagulant phospholipids in cardiovascular disease, by regulating LPCAT3. *Journal of lipid research*, 66(1), 100727.

Wright SN, et al. (2025) State of the interactomes: an evaluation of molecular networks for generating biological insights. *Molecular systems biology*, 21(1), 1.

Nomura N, et al. (2025) Refractory phenotype of Aspergillus-sensitized asthma with bronchiectasis and allergic bronchopulmonary aspergillosis. *The journal of allergy and clinical immunology. Global*, 4(1), 100364.

Wu X, et al. (2025) Risk factors for severe postpartum hemorrhage in placenta accreta spectrum patients undergoing prophylactic resuscitative endovascular balloon occlusion of the aorta during cesarean delivery. *Annals of medicine*, 57(1), 2442065.

Boeckmans J, et al. (2025) Clinical utility of the Fibrosis-4 index for predicting mortality in patients with heart failure with or without metabolic dysfunction-associated steatotic liver disease: a prospective cohort study. *The Lancet regional health. Europe*, 48, 101153.