

Resource Summary Report

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ARCHER

RRID:SCR_015854

Type: Tool

Proper Citation

ARCHER (RRID:SCR_015854)

Resource Information

URL: <http://www.archer.ac.uk/>

Proper Citation: ARCHER (RRID:SCR_015854)

Description: Supercomputing service located in the UK for researchers who study problems with a global impact. It is part of the PRACE initiative giving leading scientific users access to a European pool of supercomputers.

Resource Type: production service resource, service resource, computational hosting, data analysis service, analysis service resource

Keywords: supercomputer, uk, simulation, large data, global research, prace, european supercomputer

Availability: Available to the research community

Resource Name: ARCHER

Resource ID: SCR_015854

License URLs: <http://www.archer.ac.uk/about-archer/policies/tandc.php>

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260821T042921+0000

Ratings and Alerts

No rating or validation information has been found for ARCHER.

No alerts have been found for ARCHER.

Data and Source Information

Usage and Citation Metrics

We found 918 mentions in open access literature.

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

Sunzenauer J, et al. (2026) Oncofetal chondroitin sulfate positive circulating tumor cells as prognostic biomarkers in early-stage melanoma. *Scientific reports*, 16(1).

Ozer S, et al. (2026) Evaluation of retinal and choroidal microvasculature parameters by OCTA in patients with premature ovarian insufficiency: a prospective case control study. *PeerJ*, 14, e21325.

McLindon EV, et al. (2026) Development and Validation of the Psychological Abuse in Relationships Scale. *Journal of interpersonal violence*, 41(9-10), 1985.

Manzano MCR, et al. (2026) Vocalizations Reveal Species Differences in Endangered Lion Tamarins (Primates, Callitrichidae). *American journal of primatology*, 88(1), e70115.

Krauss A, et al. (2026) Discovery tools: How powerful new scientific methods and instruments emerge and catalyze innovation. *PNAS nexus*, 5(4), pgag107.

Martien KK, et al. (2026) Epigenetic Age Estimation for Hawaiian False Killer Whales (*Pseudorca crassidens*) in the Absence of 'Known-Age' Individuals. *Molecular ecology resources*, 26(2), e70099.

Ou C, et al. (2026) A harmless-to-harmful switchable and spatiotemporally activated nano-CRISPR hierarchically amplifies ferroptosis in melanoma. *Cell reports. Medicine*, 7(4), 102718.

Parsons KM, et al. (2025) Using eDNA to Supplement Population Genetic Analyses for Cryptic Marine Species: Identifying Population Boundaries for Alaska Harbour Porpoises. *Molecular ecology*, 34(5), e17563.

Al-Hakeem HFH, et al. (2025) The role of statistics in advancing nitric oxide research in plant biology: from data analysis to mechanistic insights. *Frontiers in plant science*, 16, 1597030.

Wu H, et al. (2025) Substrate stoichiometry and microbial metabolic preference drive the divergent accumulation of plant and microbial necromass carbon in cropland soils: evidence from a short-term experiment. *Frontiers in microbiology*, 16, 1619932.

Weiß A, et al. (2025) Exploring Intratumoral Heterogeneity in Mixed Neuroendocrine-Nonneuroendocrine Neoplasms with Spatial Transcriptomics: Even More Diverse Than Anticipated. *Endocrine pathology*, 36(1), 29.

Bondu C, et al. (2025) Combination of Different Methods, Including Image Analysis, to Define the Fibrous Structure of High-Moisture Extrusion-Cooking Extrudates. *Journal of texture studies*, 56(2), e70022.

Mejías S, et al. (2025) Unveiling Wolbachia transcriptomic signature in the arboviral vector *Aedes aegypti*. *Frontiers in cellular and infection microbiology*, 15, 1538459.

Almohawes ZN, et al. (2025) The cardioprotective effect of whey protein against thioacetamide-induced toxicity through its antioxidant, anti-inflammatory, and anti-apoptotic effects in male albino rats. *Frontiers in veterinary science*, 12, 1590722.

Tomin T, et al. (2025) Increased antioxidative defense and reduced advanced glycation end-product formation by metabolic adaptation in non-small-cell-lung-cancer patients. *Nature communications*, 16(1), 5157.

Talbot J, et al. (2025) Sonic hedgehog medulloblastomas are dependent on Netrin-1 for survival. *Nature communications*, 16(1), 5137.

Rodríguez-Caro RC, et al. (2025) Synergistic and Additive Effects of Multiple Threats Erode Phylogenetic and Life History Strategy Diversity in Testudines and Crocodilia. *Ecology letters*, 28(6), e70147.

Galbo PM, et al. (2025) A Comprehensive Guide to Achieving New York State Clinical Laboratory Evaluation Program Approval for Next-Generation Sequencing Assays. *The Journal of molecular diagnostics : JMD*, 27(6), 485.

Balko J, et al. (2025) Novel and unusual USP6 fusion partners in aneurysmal bone cyst and their role in pathogenesis and histopathological evaluation of this disease. *Journal of clinical pathology*, 78(6), 399.

Tursky ML, et al. (2025) Error-corrected ultradeep next-generation sequencing for detection of clonal haematopoiesis and haematological neoplasms - sensitivity, specificity and accuracy. *PloS one*, 20(2), e0318300.