

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: data analysis service, computational hosting, service resource, production service resource, 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: 20260801T190530+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 897 mentions in open access literature.

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

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

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.

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.

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

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.

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.

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.

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.

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.

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.

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.

Machado I, et al. (2025) Uterine Myxoid Mesenchymal Tumor With a Novel SS18::VEZF1 Gene Fusion, Lacking Worrisome Histological Features. *Genes, chromosomes & cancer*, 64(8), e70079.

Łukasik A, et al. (2025) Self-Perceived Physical Attractiveness and Moral Intuitions as Mediators Between Somatic-Parental Effort and Mating Orientation. *Evolutionary psychology : an international journal of evolutionary approaches to psychology and behavior*, 23(3), 14747049251349052.

Jovanovic D, et al. (2025) Genetic Analysis of Osteosarcoma Cells in a 9-year-old Boy: Genes Involved in Cell Cycle Control. *Acta medica academica*, 54(1), 56.

Rybacki K, et al. (2025) Combining panel-based and whole-transcriptome-based gene fusion detection by long-read sequencing. *Cell reports methods*, 5(8), 101111.

Garlin Politis M, et al. (2025) Central Nervous System Metastases from Primary Lung Carcinoma: Significance of RNA Fusion Testing and Early Versus Late Metastases. *Journal of personalized medicine*, 15(5).

Sun X, et al. (2025) Molecular analysis of immune checkpoint inhibitor associated erythema nodosum-like toxicity. *Frontiers in immunology*, 16, 1542499.

Rosario CA, et al. (2025) Predatory behavior, nesting habits, and impacts on honey bees (*Apis mellifera*) of an invasive hornet (*Vespa tropica*) on the island of Guam. *PloS one*, 20(9), e0332986.