

Resource Summary Report

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GenStat

RRID:SCR_014595

Type: Tool

Proper Citation

GenStat (RRID:SCR_014595)

Resource Information

URL: <http://www.vsni.co.uk/products/genstat/>

Proper Citation: GenStat (RRID:SCR_014595)

Description: A statistical software which can be used for basic statistics, experimental design, sample size calculations, and analysis of linear mixed models, time series, and spatial analysis.

Resource Type: software resource

Keywords: statistics, statistical, experimental design, linear mixed model, time series, spatial, size calculation, sample size

Resource Name: GenStat

Resource ID: SCR_014595

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260801T190505+0000

Ratings and Alerts

No rating or validation information has been found for GenStat.

No alerts have been found for GenStat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1705 mentions in open access literature.

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

Colville L, et al. (2026) Exceptional desiccation resistance in recalcitrant seeds of *Brosimum alicastrum* may confer ecological advantage. *Planta*, 263(2), 36.

Mukuze C, et al. (2025) Genome-wide association mapping of bruchid resistance loci in soybean. *PloS one*, 20(1), e0292481.

Balla MY, et al. (2025) Intraspecific variation for heat stress tolerance in wild emmer-derived durum wheat populations. *Frontiers in plant science*, 16, 1523562.

Girkin NT, et al. (2025) Plant root carbon inputs drive methane production in tropical peatlands. *Scientific reports*, 15(1), 3244.

Ormston S, et al. (2025) Efficiency of feed and energy use in primiparous and multiparous dairy cows fed contrasting dietary protein concentrations across lactation. *Animal : an international journal of animal bioscience*, 19(3), 101426.

Cheng L, et al. (2025) The use of nitrogen isotopic fractionation as a biomarker for feed conversion efficiency in pigs using blood and hair samples. *Animal biotechnology*, 36(1), 2473494.

Ke Y, et al. (2025) A single-cell and spatial wheat root atlas with cross-species annotations delineates conserved tissue-specific marker genes and regulators. *Cell reports*, 44(2), 115240.

Batista A, et al. (2025) The role of silver nanoparticles in yellow lupine (*Lupinus luteus* L.) defense response to *Fusarium oxysporum* f.sp. *lupini*. *Scientific reports*, 15(1), 16136.

Rakau PN, et al. (2025) Optimizing ethyl methanesulphonate for mutagenesis of selected *tef* [*Eragrostis tef* (Zucc.) Trotter] genotypes. *Scientific reports*, 15(1), 27542.

Vincenzi E, et al. (2025) Dose-response of tomato fruit yield to far-red fraction in supplementary lighting. *Frontiers in plant science*, 16, 1618171.

Mkhonza NP, et al. (2025) Sugarcane cultivation reduces charcoal C and Al/Fe-bound OC in selected Ferralsols. *Environmental monitoring and assessment*, 197(4), 491.

Effa EB, et al. (2025) Impact of NPK on morphology and biomass of *Tephrosia vogelii*. *Scientific reports*, 15(1), 34072.

Yousuf HMB, et al. (2025) Comparative assessment of conventional and hermetic storage facilities on wheat grain quality, pest infestation, and bread development. *Scientific reports*, 15(1), 34725.

Espinosa Del Alba C, et al. (2025) Functional trade-offs and ecological correlates of seed oil traits in alpine ecosystems. *Plant biology (Stuttgart, Germany)*, 27(7), 1401.

Kusi F, et al. (2025) Genotype x environment interaction effect on grain yield of cowpea (*Vigna unguiculata* (L.) Walp) in Deciduous forest and Sudan savanna ecologies of

Ghana. PloS one, 20(1), e0314464.

Nzimande NA, et al. (2025) The effects of post-harvest pretreatments and drying methods on in vitro bioaccessibility of phenolics and carotenoids in tomato (*Solanum lycopersicum*) cultivars. Journal of food science, 90(2), e70001.

Garg V, et al. (2025) An Australian chickpea pan-genome provides insights into genome organization and offers opportunities for enhancing drought adaptation for crop improvement. Plant biotechnology journal, 23(9), 3967.

Lavazec C, et al. (2025) Fetal hemoglobin enables malaria parasite growth in sickle cells but augments production of transmission stage parasites. PloS one, 20(7), e0325797.

Edwards C, et al. (2025) Cryptosporidium prevalence in calves and its effect on local water quality prior to abstraction and treatment. Current research in parasitology & vector-borne diseases, 8, 100295.

Kiss T, et al. (2025) Ambient temperature influenced co-expression network of major developmental, circadian, and photoreceptor genes in bread wheat. Scientific reports, 15(1), 27751.