Resource Summary Report

Generated by ASWG on Aug 3, 2026

ABACUS

RRID:SCR_013039
Type: Tool

Proper Citation

ABACUS (RRID:SCR_013039)

Resource Information

URL: http://www.dei.unipd.it/~sambofra/abacus.html

Proper Citation: ABACUS (RRID:SCR_013039)

Description: An Algorithm based on a BivAriate CUmulative Statistic to identify SNPs significantly associated with a disease within predefined sets of SNPs such as pathways or genomic regions.

Abbreviations: ABACUS

Synonyms: ABACUS: an entropy based cumulative bivariate statistic robust to rare variants and different direction of genotype effect

Resource Type: software resource

Defining Citation: PMID:24292361

Availability: GNU General Public License, Acknowledgement requested

Resource Name: ABACUS

Resource ID: SCR_013039

Alternate IDs: OMICS_00297

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260801T190443+0000

Ratings and Alerts

No rating or validation information has been found for ABACUS.

No alerts have been found for ABACUS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 74 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Siriaporn N, et al. (2025) Promoting active transportation through technology: a scoping review of mobile apps for walking and cycling. BMC public health, 25(1), 952.

González-Orozco E, et al. (2025) Genome-wide analysis in human populations reveals mitonuclear disequilibrium in genes related to neurological function. Scientific reports, 15(1), 27794.

Qi J, et al. (2025) Haplotype-Phased Chromosome-Level Genome Assembly of Floccularia luteovirens Provides Insights into Its Taxonomy, Adaptive Evolution, and Biosynthetic Potential. Journal of fungi (Basel, Switzerland), 11(9).

Brea-Iglesias J, et al. (2025) Genomics guiding personalized first-line immunotherapy response in lung and bladder tumors. Journal of translational medicine, 23(1), 404.

Song Y, et al. (2025) Haplotype-Phased Chromosome-Level Genome Assembly of Cryptoporus qinlingensis, a Typical Traditional Chinese Medicine Fungus. Journal of fungi (Basel, Switzerland), 11(2).

Kohta M, et al. (2025) Evaluating the Knowledge Level, Practice, and Behavioral Change Potential of Care Managers in Pressure Injury Prevention Using a Mobile App Prototyping Model in the Home-Care Setting: Single-Arm, Pre-Post Pilot Study. JMIR formative research, 9, e57768.

Faiela C, et al. (2025) Knowledge and practices of healthcare professionals regarding antibiotic use in a district hospital, Southern Mozambique: a cross-sectional study. Scientific reports, 15(1), 14333.

Hu T, et al. (2025) Observation of dendrite formation at Li metal-electrolyte interface by a machine-learning enhanced constant potential framework. Nature communications, 16(1), 7379.

Planas JV, et al. (2025) Mechanisms underlying thermally induced growth plasticity in juvenile Pacific halibut. The Journal of experimental biology, 228(19).

McKay F, et al. (2024) Assessing the Quality and Behavior Change Potential of Vaping Cessation Apps: Systematic Search and Assessment. JMIR mHealth and uHealth, 12, e55177.

Cui Y, et al. (2024) Computational redesign of a hydrolase for nearly complete PET depolymerization at industrially relevant high-solids loading. Nature communications, 15(1), 1417.

Sayin FS, et al. (2024) A Comprehensive Investigation on Catalytic Behavior of Anaerobic Jar Gassing Systems and Design of an Enhanced Cultivation System. Bioengineering (Basel, Switzerland), 11(11).

Bakhsh S, et al. (2024) Investigating structural and electronic properties of neutral zinc clusters: a G0W0 and G0W0?0(1) benchmark. Beilstein journal of nanotechnology, 15, 310.

Ureña-Lorenzo A, et al. (2024) Content, Behaviour Change Techniques, and Quality of Postpartum Depression Apps to Be Recommended by Midwives: Systematic Search and Evaluation. Nursing reports (Pavia, Italy), 14(3), 2291.

Rendell R, et al. (2024) Digital Apps to Improve Mobility in Adults with Neurological Conditions: A Health App-Focused Systematic Review. Healthcare (Basel, Switzerland), 12(9).

Gu Q, et al. (2024) Deep learning tight-binding approach for large-scale electronic simulations at finite temperatures with ab initio accuracy. Nature communications, 15(1), 6772.

Bakhsh S, et al. (2024) Ca n neutral clusters: a two-step G 0 W 0 and DFT benchmark. Beilstein journal of nanotechnology, 15, 1010.

Ma H, et al. (2024) Ice-Enabled Transfer of Graphene on Copper Substrates Enhanced by Electric Field and Cu2O. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(32), e2402319.

Merolli M, et al. (2024) Evaluation of Patient-Facing Mobile Apps to Support Physiotherapy Care: Systematic Review. JMIR mHealth and uHealth, 12, e55003.

Tang Z, et al. (2024) A deep equivariant neural network approach for efficient hybrid density functional calculations. Nature communications, 15(1), 8815.