

Resource Summary Report

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MORGAN

RRID:SCR_006906

Type: Tool

Proper Citation

MORGAN (RRID:SCR_006906)

Resource Information

URL: <http://www.stat.washington.edu/thompson/Genepi/MORGAN/Morgan.shtml>

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Description: Software programs for segregation and linkage analysis, using a variety of Markov chain Monte Carlo (MCMC) methods. Includes MCMC methods for multilocus gene identity by descent (including homozygosity mapping) and Monte Carlo Lod scores. Also, other programs for EM analysis of quantitative traits.

Abbreviations: MORGAN

Synonyms: MOnTe caRlo Genetic ANalysis PANGAEA

Resource Type: software resource, software application

Defining Citation: [PMID:22298700](#)

Keywords: gene, genetic, genomic, c, unix, compaq-alpha, solaris, linux, linkage disequilibrium, gl_lods, ibd_haplo, identity by descent, segregation, linkage analysis, markov chain monte carlo

Funding: NIGMS GM-46255

Resource Name: MORGAN

Resource ID: SCR_006906

Alternate IDs: nlx_154201, OMICS_00205

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260801T191050+0000

Ratings and Alerts

No rating or validation information has been found for MORGAN.

No alerts have been found for MORGAN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 305 mentions in open access literature.

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

Wang S, et al. (2025) TopMT-GAN: a 3D topology-driven generative model for efficient and diverse structure-based ligand design. Chemical science, 16(6), 2796.

Secchettin E, et al. (2025) Expert Judgment Supporting a Bayesian Network to Model the Survival of Pancreatic Cancer Patients. Cancers, 17(2).

Schallmayer E, et al. (2025) Chemogenomics for steroid hormone receptors (NR3). Communications chemistry, 8(1), 29.

Ghalavand H, et al. (2025) Health literacy and motivation to change health behavior among cardiovascular patients. BMC cardiovascular disorders, 25(1), 479.

Mengeling BJ, et al. (2025) An in silico to in vivo approach identifies retinoid-X receptor activating tert-butylphenols used in food contact materials. Scientific reports, 15(1), 26102.

Hassen AK, et al. (2025) Generate what you can make: achieving in-house synthesizability with readily available resources in de novo drug design. Journal of cheminformatics, 17(1), 41.

Alsajri AH, et al. (2025) Prevalence and Risk Factors of Asthma Among Iraq Adults: A Cross-Sectional Study. Journal of asthma and allergy, 18, 983.

Hoseini-Marvast SR, et al. (2025) Prevalence and correlates of depression and anxiety among nursing staff in the post-COVID-19 era: a cross-sectional study from southern Iran. BMC nursing, 24(1), 1148.

Ranjith P, et al. (2025) Does social media information credibility influence social commerce purchase intention of skincare products? Evidence from Facebook. PloS one, 20(10), e0334126.

Park J, et al. (2025) Mol-AIR: Molecular Reinforcement Learning with Adaptive Intrinsic Rewards for Goal-Directed Molecular Generation. Journal of chemical information and modeling, 65(5), 2283.

Esaki M, et al. (2025) Tegument Protein pUL47 Is Important but Not Essential for Horizontal Transmission of Vaccinal Strain SB-1 of Gallid Alphaherpesvirus 3. Viruses,

17(3).

Feiner ZS, et al. (2025) Hierarchical Multi-Dimensional Maturation Modeling to Isolate the Effects of Commercial Closure on a Great Lakes Fishery. *Evolutionary applications*, 18(3), e70075.

Mainey L, et al. (2025) Nursing advocacy and activism: A critical analysis of regulatory documents. *Nursing ethics*, 32(3), 980.

Ma G, et al. (2025) Enhancing fluorescent probe design through multilayer interaction convolutional networks: advancing biosensing and bioimaging precision. *Chemical science*, 16(20), 8853.

Mumba C, et al. (2025) Exploring community knowledge, perceptions, and the impacts of anthrax among farming communities living in game management areas in Zambia: A qualitative study using a hybrid approach. *PLoS neglected tropical diseases*, 19(5), e0012852.

Wang S, et al. (2025) A guide for active learning in synergistic drug discovery. *Scientific reports*, 15(1), 3484.

Sarabi ER, et al. (2025) Using the clustering method to find the final environmental parameters coefficients in road construction projects. *Scientific reports*, 15(1), 4338.

Adly AAM, et al. (2025) Probiotic Supplementation Improves Glucose Homeostasis and Modulates Interleukin (IL)-21 and IL-22 Levels in Pediatric Patients with Type 1 Diabetes: A Randomized Placebo-Controlled Trial. *Metabolites*, 15(5).

Abbaszadeh F, et al. (2025) Investigating the effect of the orientation program on the performance of academic advisor. *BMC medical education*, 25(1), 467.

Zhou Y, et al. (2025) A longitudinal examination of loneliness in left-behind children: the interaction between self-esteem and academic self-efficacy matters. *BMC psychology*, 13(1), 327.