## **Resource Summary Report**

Generated by <u>NIF</u> on May 23, 2025

# **GAMBIT**

RRID:SCR\_009483 Type: Tool

**Proper Citation** 

GAMBIT (RRID:SCR\_009483)

#### **Resource Information**

URL: http://www.nitrc.org/projects/gambit/

Proper Citation: GAMBIT (RRID:SCR\_009483)

**Description:** An end-to-end application allowing Group-wise Automatic Mesh-Based analysis of cortIcal Thickness as well as other surface area measurements. This cross-platform tool can be run within 3D Slicer as an external module, or directly as a command line.

Abbreviations: GAMBIT

Resource Type: software application, software resource

**Keywords:** analyze, c++, linux, mesh generation, modeling, magnetic resonance, nrrd, posix/unix-like, surface analysis, thickness, workflow

**Funding:** 

Availability: BSD License

Resource Name: GAMBIT

Resource ID: SCR\_009483

Alternate IDs: nlx\_155631

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250522T060602+0000

### **Ratings and Alerts**

No rating or validation information has been found for GAMBIT.

No alerts have been found for GAMBIT.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 55 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Tristancho-Baró A, et al. (2025) Genomic Characterization of Carbapenemase-Producing Enterobacteriaceae from Clinical and Epidemiological Human Samples. Antibiotics (Basel, Switzerland), 14(1).

Liu J, et al. (2024) Ecosystem-based management approaches for watershed conservation and geosustainability. Heliyon, 10(9), e29800.

Eulalio T, et al. (2024) regionalpcs: improved discovery of DNA methylation associations with complex traits. bioRxiv : the preprint server for biology.

Sattar F, et al. (2024) Analyzing Antibiotic Resistance in Bacteria from Wastewater in Pakistan Using Whole-Genome Sequencing. Antibiotics (Basel, Switzerland), 13(10).

Yao W, et al. (2023) Comparative Study of Membrane Fouling with Aeration Shear Stress in Filtration of Different Substances. Membranes, 13(11).

Lee S, et al. (2023) Modeling pressure drop values across ultra-thin nanofiber filters with various ranges of filtration parameters under an aerodynamic slip effect. Scientific reports, 13(1), 5449.

Lumpe J, et al. (2023) GAMBIT (Genomic Approximation Method for Bacterial Identification and Tracking): A methodology to rapidly leverage whole genome sequencing of bacterial isolates for clinical identification. PloS one, 18(2), e0277575.

Song Y, et al. (2023) Aerodynamic performance of a ventilation system for droplet control by coughing in a hospital isolation ward. Environmental science and pollution research international, 30(29), 73812.

Yuan J, et al. (2023) Non-Isothermal Simulation and Safety Analysis of Twin-Screw Extrusion Process for Synthetizing Glycidyl Azide Polymer-Based Energetic Thermoplastic Elastomer. Polymers, 15(18).

Wu J, et al. (2023) Effect of Electrode Induction Melting Gas Atomization on Powder Quality: Satellite Formation Mechanism and Pressure. Materials (Basel, Switzerland), 16(6).

Zoeir A, et al. (2023) To optimize gas flaring in Kirkuk refinery in various seasons via artificial intelligence techniques. Scientific reports, 13(1), 13406.

Wei Y, et al. (2022) Forecasts for the concentration of petroleum gas leakage diffusion under different liquid level heights of a sealing ring of sizeable floating roof tank. Scientific reports, 12(1), 19124.

Hung TC, et al. (2022) Temperature and salinity preferences of endangered Delta Smelt (Hypomesus transpacificus, Actinopterygii, Osmeridae). Scientific reports, 12(1), 16558.

Garreau M, et al. (2022) Accelerated sequences of 4D flow MRI using GRAPPA and compressed sensing: A comparison against conventional MRI and computational fluid dynamics. Magnetic resonance in medicine, 88(6), 2432.

Tombers M, et al. (2022) Mn12 -Acetate Complexes Studied as Single Molecules. Chemistry (Weinheim an der Bergstrasse, Germany), 28(2), e202102592.

Wang Y, et al. (2022) Kinetic control of Phytic acid/Lixisenatide/Fe (III) ternary nanoparticles assembly process for sustained peptide release. International journal of pharmaceutics, 611, 121317.

Kamali Shahri SM, et al. (2021) Function of arteries and veins in conditions of simulated cardiac arrest. BioImpacts : BI, 11(2), 157.

Rodriguez RM, et al. (2021) Defining a Methylation Signature Associated With Operational Tolerance in Kidney Transplant Recipients. Frontiers in immunology, 12, 709164.

Bu F, et al. (2021) Analysis and Prediction of Methane Invasion Distance Considering Real Ground Boundary. ACS omega, 6(43), 29111.

Abderezaei J, et al. (2021) An Overview of the Effectiveness of Bicycle Helmet Designs in Impact Testing. Frontiers in bioengineering and biotechnology, 9, 718407.