

Resource Summary Report

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GAMBIT

RRID:SCR_009483

Type: Tool

Proper Citation

GAMBIT (RRID:SCR_009483)

Resource Information

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

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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

Availability: BSD License

Resource Name: GAMBIT

Resource ID: SCR_009483

Alternate IDs: nlx_155631

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260829T183102+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 58 mentions in open access literature.

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

Garreau M, et al. (2026) Impact of Partial Echo on 4D Flow MRI: The Insight From Synthetic MRI. *Magnetic resonance in medicine*, 95(6), 3462.

Bialecki N, et al. (2025) Assessing Field Hockey Face Mask Performance. *Annals of biomedical engineering*, 53(10), 2701.

Resong PJ, et al. (2025) Genetic Confirmation of Clonal Spread of *Candida auris* from Southern to Northern Nevada. *Journal of fungi (Basel, Switzerland)*, 11(6).

Tristancho-Bar?? 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.

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).

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.

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

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).

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.

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.

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

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.

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

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