

Resource Summary Report

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GAMMA

RRID:SCR_009484

Type: Tool

Proper Citation

GAMMA (RRID:SCR_009484)

Resource Information

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

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Description: GAMMA suite is an open-source cross-platform data mining software package designed to analyze neuroimaging data. A neuroimaging study often focuses on biomarker detection and classification. We designed and implemented a Bayesian, multivariate, nonparametric suite of algorithms for analyzing neuroimaging data. The GAMMA suite can be used for brain morphometric analysis, lesion-deficit analysis, and functional MR data analysis.

Abbreviations: GAMMA

Synonyms: GAMMA Suite

Resource Type: software resource, image analysis software, data processing software, software application

Keywords: reusable library, analyze, c, c++, console (text based), computed tomography, cygwin, hp-ux, linux, macos, microsoft, modeling, magnetic resonance, nifti, pet, spect, posix/unix-like, quantification, statistical operation, volumetric analysis, win32 (ms windows), windows, neuroimaging

Availability: GNU General Public License

Resource Name: GAMMA

Resource ID: SCR_009484

Alternate IDs: nlx_155632

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260803T040551+0000

Ratings and Alerts

No rating or validation information has been found for GAMMA.

No alerts have been found for GAMMA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 653 mentions in open access literature.

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

Liao C, et al. (2025) ?Unveiling four new taxa and *Nigrosynnemanatarajanensis* comb. nov. in *Stachybotryaceae* (Hypocreales) from monocotyledon plants in Guangdong Province, China. *MycKeys*, 114, 299.

Xie YJ, et al. (2025) Phylotranscriptomics resolved phylogenetic relationships and divergence time between 20 golden camellia species. *Scientific reports*, 15(1), 699.

Siikanen J, et al. (2025) Rapid fabrication and dissolution of pressed 58Ni/Mg matrix targets for 55Co production. *EJNMMI radiopharmacy and chemistry*, 10(1), 4.

Groessler EJ, et al. (2025) Cost-effectiveness of Transcendental Meditation (TM) for treating Post-Traumatic Stress Disorder (PTSD). *PloS one*, 20(2), e0316995.

Zhou Z, et al. (2025) Identifying spatiotemporal pattern and trend prediction of land subsidence in Zhengzhou combining MT-InSAR, XGBoost and hydrogeological analysis. *Scientific reports*, 15(1), 3848.

Liu J, et al. (2025) Extensive off-fault damage around the 2023 Kahramanmara? earthquake surface ruptures. *Nature communications*, 16(1), 1286.

Moustakim M, et al. (2025) Evaluation of the correlation between Caesium-137 inventory, magnetic susceptibility, and organic matter content to assess soil erosion status in two agricultural fields within El Hachef watershed of northwest Morocco. *Heliyon*, 11(2), e41650.

Lee J, et al. (2025) The association between health literacy, private health insurance, and medical expenditure in South Korea. *BMC health services research*, 25(1), 106.

Kolesar F, et al. (2025) Extraction and speciation studies of new diglycolamides for selective recovery of americium by solvent extraction. *RSC advances*, 15(13), 9864.

Cornelissen S, et al. (2025) Towards clinical implementation of automated segmentation of vestibular schwannomas: a reliability study comparing AI and human performance. *Neuroradiology*, 67(4), 1049.

Xia Y, et al. (2025) Conserved marseilleviruses harboring diverse antibiotic resistance genes isolated from the Yangtze river Delta and the Pearl river delta, China. Scientific reports, 15(1), 10663.

Scheffer G, et al. (2025) Polymer biodegradation by Halanaerobium promotes reservoir souring during hydraulic fracturing. Applied and environmental microbiology, 91(5), e0225324.

Bhattacharya M, et al. (2025) A Python package for fast GPU-based proton pencil beam dose calculation. Journal of applied clinical medical physics, 26(6), e70093.

Balducci F, et al. (2025) Healthcare costs in relation to kidney function among older people: the SCOPE study. European geriatric medicine, 16(1), 135.

Hu Y, et al. (2025) Integrated Pristine van der Waals Homojunctions for Self-Powered Image Sensors. Advanced materials (Deerfield Beach, Fla.), 37(23), e2404013.

Samake JN, et al. (2025) Spatial distribution and population structure of the invasive Anopheles stephensi in Kenya from 2022 to 2024. Scientific reports, 15(1), 19878.

Norén K, et al. (2025) Evaluating the potential of underwater television to contribute to marine litter assessments alongside bottom trawling. PloS one, 20(6), e0324900.

Dos Santos VB, et al. (2025) "Does speech in patients with different Parkinson's disease subtypes decline over time?". Clinical parkinsonism & related disorders, 13, 100372.

de Carvalho SC, et al. (2025) Assessment of the relationship between hematologic parameters, (CPD), in screening for COVID-19 severity in women. Future science OA, 11(1), 2540749.

Chen Y, et al. (2025) From Wiring to Firing: Collapse of embryonic identities and emergence of functional diversity during motor neuron maturation. bioRxiv : the preprint server for biology.