

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 application, image analysis software, software resource, data processing software

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: 20260728T043320+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 [nidm-terms](#) .

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*.