

Resource Summary Report

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THetA

RRID:SCR_001860

Type: Tool

Proper Citation

THetA (RRID:SCR_001860)

Resource Information

URL: <https://github.com/raphael-group/THetA>

Proper Citation: THetA (RRID:SCR_001860)

Description: An algorithm that estimates the tumor purity and clonal / subclonal copy number aberrations directly from high-throughput DNA sequencing data.

Synonyms: THetA: Tumor Heterogeneity Analysis, Tumor Heterogeneity Analysis, Tumor Heterogeneity Analysis (THetA)

Resource Type: software resource

Defining Citation: [PMID:23895164](#)

Keywords: standalone software

Funding:

Resource Name: THetA

Resource ID: SCR_001860

Alternate IDs: OMICS_03562

Alternate URLs: <http://compbio.cs.brown.edu/projects/theta/>

Record Creation Time: 20220129T080210+0000

Record Last Update: 20250420T014042+0000

Ratings and Alerts

No rating or validation information has been found for THetA.

No alerts have been found for THetA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 189 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Awashra M, et al. (2025) Stable Air Plastron Prolongs Biofluid Repellency of Submerged Superhydrophobic Surfaces. *Langmuir : the ACS journal of surfaces and colloids*, 41(3), 1807.

O'Reilly D, et al. (2025) Quantifying the diverse contributions of hierarchical muscle interactions to motor function. *iScience*, 28(1), 111613.

Moraes Dos Santos L, et al. (2024) Deep learning for discriminating non-trivial conformational changes in molecular dynamics simulations of SARS-CoV-2 spike-ACE2. *Scientific reports*, 14(1), 22639.

Halamová J, et al. (2024) The development of the Compassion Satisfaction and Compassion Fatigue scale. *Frontiers in public health*, 12, 1406467.

Acedo Reina E, et al. (2024) Vagus nerve electroneurogram-based detection of acute kainic acid induced seizures. *Frontiers in neuroscience*, 18, 1427308.

Cortes DRE, et al. (2024) Modeling Normal Mouse Uterine Contraction and Placental Perfusion with Non-invasive Longitudinal Dynamic Contrast Enhancement MRI. *bioRxiv : the preprint server for biology*.

Mocchi M, et al. (2024) Aperiodic spectral slope tracks the effects of brain state on saliency responses in the human auditory cortex. *Scientific reports*, 14(1), 30751.

Laufer I, et al. (2024) Enhancing EEG-based attachment style prediction: unveiling the impact of feature domains. *Frontiers in psychology*, 15, 1326791.

Matejkova J, et al. (2024) A New Method for the Production of High-Concentration Collagen Bioinks with Semiautonomic Preparation. *Gels (Basel, Switzerland)*, 10(1).

Akinsanola AA, et al. (2024) Evaluation of precipitation across the contiguous United States,

Alaska, and Puerto Rico in multi-decadal convection-permitting simulations. *Scientific reports*, 14(1), 1238.

Bachmann F, et al. (2024) Computing optimal drug dosing regarding efficacy and safety: the enhanced OptiDose method in NONMEM. *Journal of pharmacokinetics and pharmacodynamics*, 51(6), 919.

Brychta RJ, et al. (2024) The thermoneutral zone in women takes an "arctic" shift compared to men. *Proceedings of the National Academy of Sciences of the United States of America*, 121(19), e2311116121.

Chang Y, et al. (2024) Quantitative characterization of microstructure and research on spatial variation characteristics of loess of different strata in Luochuan, Shaanxi, China. *PloS one*, 19(5), e0303089.

Voulgarelis D, et al. (2024) Understanding tumour growth variability in breast cancer xenograft models identifies PARP inhibition resistance biomarkers. *NPJ precision oncology*, 8(1), 266.

Cortes DRE, et al. (2024) Modeling normal mouse uterine contraction and placental perfusion with non-invasive longitudinal dynamic contrast enhancement MRI. *PloS one*, 19(7), e0303957.

Massy R, et al. (2024) Enhanced flight performance in hoverfly migrants. *iScience*, 27(12), 111345.

Wilk P, et al. (2024) Effect of the COVID-19 pandemic on the well-being of middle-aged and older Europeans. *Scientific reports*, 14(1), 25796.

Mohammed AK, et al. (2024) Removal of amoxicillin from contaminated water using modified bentonite as a reactive material. *Heliyon*, 10(3), e24916.

Shtoots L, et al. (2024) Frontal midline theta transcranial alternating current stimulation enhances early consolidation of episodic memory. *NPJ science of learning*, 9(1), 8.

Mizrahi D, et al. (2024) Comparative analysis of ROCKET-driven and classic EEG features in predicting attachment styles. *BMC psychology*, 12(1), 87.