

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

Cake

RRID:SCR_002133

Type: Tool

Proper Citation

Cake (RRID:SCR_002133)

Resource Information

URL: <http://cakesomatic.sourceforge.net/>

Proper Citation: Cake (RRID:SCR_002133)

Description: A bioinformatics software pipeline that integrates four publicly available somatic variant-calling algorithms to identify single nucleotide variants with higher sensitivity and accuracy than any one algorithm alone.

Resource Type: software resource

Defining Citation: [PMID:23803469](#)

Keywords: standalone software, unix/linux, mac os x, perl, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: Cake

Resource ID: SCR_002133

Alternate IDs: OMICS_03613, biotools:cake

Alternate URLs: <https://bio.tools/cake>

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260912T195537+0000

Ratings and Alerts

No rating or validation information has been found for Cake.

No alerts have been found for Cake.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Cervantes-Díaz Á, et al. (2024) Chiral method validation and stereoselective degradation of profoxydim isomers in paddy soil. Environmental science and pollution research international, 31(56), 64987.

LoParco CR, et al. (2024) The challenges of investigating derived psychoactive cannabis product brand quality: Using a popular brand as an example. Health behavior research, 7(3).

Ragio RA, et al. (2024) Landfill Leachate and Coagulants Addition Effects on Membrane Bioreactor Mixed Liquor: Filterability, Fouling, and Pollutant Removal. Membranes, 14(10).

Liu J, et al. (2023) CAKE: a flexible self-supervised framework for enhancing cell visualization, clustering and rare cell identification. Briefings in bioinformatics, 25(1).

Kook H, et al. (2022) Engineered Approaches to Facile Identification of Tiny Microplastics in Polymeric and Ceramic Membrane Filtrations for Wastewater Treatment. Membranes, 12(6).

Nightingale J, et al. (2022) Assessing the influence of pig slurry pH on the degradation of selected antibiotic compounds. Chemosphere, 290, 133191.

Politowski I, et al. (2021) Fate of weathered multi-walled carbon nanotubes in an aquatic sediment system. Chemosphere, 277, 130319.

Shrestha P, et al. (2019) Biodegradation of Volatile Chemicals in Soil: Separating Volatilization and Degradation in an Improved Test Setup (OECD 307). Environmental science & technology, 53(1), 20.

Haeuser C, et al. (2019) Be Aggressive! Amorphous Excipients Enabling Single-Step Freeze-Drying of Monoclonal Antibody Formulations. Pharmaceuticals, 11(11).

Ranke J, et al. (2018) Comparison of software tools for kinetic evaluation of chemical degradation data. Environmental sciences Europe, 30(1), 17.

Kah M, et al. (2016) Impacts of (Nano)formulations on the Fate of an Insecticide in Soil and Consequences for Environmental Exposure Assessment. Environmental science & technology, 50(20), 10960.