## **Resource Summary Report**

Generated by RRID on May 21, 2025

# **Oufti**

RRID:SCR\_016244

Type: Tool

## **Proper Citation**

Oufti (RRID:SCR\_016244)

#### **Resource Information**

URL: http://oufti.org/

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**Description:** Software designed for analysis of microscopy data. It performs sub-pixel precision detection, quantification of cells and fluorescence signals, as well as other image analysis functions.

Synonyms: outfi

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

analysis software

**Defining Citation: PMID:26538279** 

Keywords: microscopy, data, imaging, image, analysis, pixel, fluorescent, bio.tools

Funding: NIGMS R01 GM065835

Availability: Open source, Free, Available for download, Tutorial available

Resource Name: Oufti

Resource ID: SCR\_016244

Alternate IDs: biotools:oufti

Alternate URLs: https://bio.tools/oufti

License: GNU GPL 3

**Record Creation Time:** 20220129T080329+0000

**Record Last Update:** 20250519T204535+0000

## Ratings and Alerts

No rating or validation information has been found for Oufti.

No alerts have been found for Oufti.

#### Data and Source Information

Source: SciCrunch Registry

### **Usage and Citation Metrics**

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.

Vashistha H, et al. (2021) Non-genetic inheritance restraint of cell-to-cell variation. eLife, 10.

Xiang Y, et al. (2021) Interconnecting solvent quality, transcription, and chromosome folding in Escherichia coli. Cell, 184(14), 3626.

Kaljevi? J, et al. (2021) Chromosome choreography during the non-binary cell cycle of a predatory bacterium. Current biology: CB, 31(17), 3707.

Jeckel H, et al. (2021) Advances and opportunities in image analysis of bacterial cells and communities. FEMS microbiology reviews, 45(4).

Joseph AM, et al. (2021) Coordination between nucleotide excision repair and specialized polymerase DnaE2 action enables DNA damage survival in non-replicating bacteria. eLife, 10.

Walker BE, et al. (2020) Transient Membrane-Linked FtsZ Assemblies Precede Z-Ring Formation in Escherichia coli. Current biology: CB, 30(3), 499.

Mageeney CM, et al. (2020) Mycobacterium Phage Butters-Encoded Proteins Contribute to Host Defense against Viral Attack. mSystems, 5(5).

Kurushima J, et al. (2020) Unbiased homeologous recombination during pneumococcal transformation allows for multiple chromosomal integration events. eLife, 9.

Vink JNA, et al. (2020) Direct Visualization of Native CRISPR Target Search in Live Bacteria Reveals Cascade DNA Surveillance Mechanism. Molecular cell, 77(1), 39.

Chen Y, et al. (2018) A Markovian Approach towards Bacterial Size Control and Homeostasis in Anomalous Growth Processes. Scientific reports, 8(1), 9612.

Baranowski C, et al. (2018) Maturing Mycobacterium smegmatis peptidoglycan requires non-canonical crosslinks to maintain shape. eLife, 7.

Humphries J, et al. (2017) Species-Independent Attraction to Biofilms through Electrical Signaling. Cell, 168(1-2), 200.