## **Resource Summary Report**

Generated by NIF on May 19, 2025

# Fluorescent Imaging Analysis Software FIMAS

RRID:SCR 018311

Type: Tool

### **Proper Citation**

Fluorescent Imaging Analysis Software FIMAS (RRID:SCR\_018311)

#### **Resource Information**

URL: https://github.com/zhengkaiyu/FIMAS

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**Description:** Software tool to perform basic and specific analysis procedures on fluorescent microscopy and fluorescent lifetime imaging microscopy data. Requires MATLAB with image processing and statistical toolboxes. Can import fluorescent data from Olympus, Biorad, Femtonics, TIFF, Excel, ASCII files.

**Abbreviations: FIMAS** 

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

**Keywords:** Analysis procedure, fluorescent microscopy, fluorescent imaging, microscopy data, image processing, fluorescent data

Funding:

Availability: Free, Freely available

Resource Name: Fluorescent Imaging Analysis Software FIMAS

Resource ID: SCR\_018311

**Record Creation Time:** 20220129T080339+0000

Record Last Update: 20250517T060357+0000

## **Ratings and Alerts**

No rating or validation information has been found for Fluorescent Imaging Analysis Software FIMAS.

No alerts have been found for Fluorescent Imaging Analysis Software FIMAS.

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 2 mentions in open access literature.

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

Magloire V, et al. (2023) Volume-transmitted GABA waves pace epileptiform rhythms in the hippocampal network. Current biology: CB, 33(7), 1249.

Tyurikova O, et al. (2021) Fluorescence lifetime imaging reveals regulation of presynaptic Ca2+ by glutamate uptake and mGluRs, but not somatic voltage in cortical neurons. Journal of neurochemistry, 156(1), 48.