

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## PAM

RRID:SCR\_020966

Type: Tool

---

### Proper Citation

PAM (RRID:SCR\_020966)

---

### Resource Information

**URL:** <https://gitlab.com/PAM-PIE/PAM>

**Proper Citation:** PAM (RRID:SCR\_020966)

**Description:** Software package for quantitative analysis of fluorescence microscopy and spectroscopy data, with focus on experiments using pulsed interleaved excitation. Open source software package written in MATLAB that offers workflow through its graphical user interface. Framework for integrated analysis of imaging, single-molecule, and ensemble fluorescence data. Supports most types of data collection modalities.

**Synonyms:** Pulsed interleaved excitation Analysis with Matlab, Pulsed Interleaved Excitation analysis with MATLAB, PIE analysis with MATLAB

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

**Defining Citation:** [PMID:29642023](#)

**Keywords:** Quantitative data analysis, fluorescence microscopy data, data analysis, spectroscopy data analysis, pulsed interleaved excitation, imaging integrated analysis

**Funding:** Deutsche Forschungsgemeinschaft ;  
Ludwig-Maximilians-University; Munich; Germany ;  
Research Foundation Flanders

**Availability:** Free, Available for download, Freely available

**Resource Name:** PAM

**Resource ID:** SCR\_020966

**Alternate URLs:** <http://www.cup.uni-muenchen.de/pc/lamb/software/pam.html>

**License:** GNU General Public License v3.0

**Record Creation Time:** 20220129T080353+0000

**Record Last Update:** 20260728T043613+0000

---

## Ratings and Alerts

No rating or validation information has been found for PAM.

No alerts have been found for PAM.

---

## Data and Source Information

**Source:** [SciCrunch Registry](#)

---

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Fenn KL, et al. (2024) Outer membrane protein assembly mediated by BAM-SurA complexes. Nature communications, 15(1), 7612.

Coucke Q, et al. (2023) Particle-based phasor-FLIM-FRET resolves protein-protein interactions inside single viral particles. Biophysical reports, 3(3), 100122.

Lerner E, et al. (2021) FRET-based dynamic structural biology: Challenges, perspectives and an appeal for open-science practices. eLife, 10.