

Resource Summary Report

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FLIMfit

RRID:SCR_016298

Type: Tool

Proper Citation

FLIMfit (RRID:SCR_016298)

Resource Information

URL: <https://www.flimfit.org/>

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Description: Software package for quantitative analysis of large Fluorescence Lifetime Imaging Microscopy (FLIM) data, including global analysis. It is able to routinely analyse multi-well plate FLIM datasets on conventional PC workstations in a reasonable time., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: software application, software resource, software toolkit

Defining Citation: [PMID:23940626](#), [DOI:10.1371/journal.pone.0070687](#)

Keywords: fluorescence, lifetime, imaging, microscopy, dataset, global, analysis, multiwell, plate, routine

Funding: United Kingdom Biotechnology and Biological Sciences Research Council BBSRC BB/E003621/1;
United Kingdom Technology Strategy Board Technology Award CHBT/007/00030;
Wellcome Trust WT 095931/Z/11/Z

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: FLIMfit

Resource ID: SCR_016298

Alternate URLs: <https://github.com/flimfit/FLIMfit>

License: GNU General Public License v2.0

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260912T200253+0000

Ratings and Alerts

No rating or validation information has been found for FLIMfit.

No alerts have been found for FLIMfit.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Gonzalez-Garcia MC, et al. (2025) Exploring bacteria-surface interactions with a fluorescent membrane tension probe. Proceedings of the National Academy of Sciences of the United States of America, 122(42), e2512977122.

Ennist NM, et al. (2024) De novo design of proteins housing excitonically coupled chlorophyll special pairs. Nature chemical biology, 20(7), 906.

Ennist N, et al. (2023) De novo design of energy transfer proteins housing excitonically coupled chlorophyll special pairs. Research square.

Cannon TM, et al. (2021) Characterization of NADH fluorescence properties under one-photon excitation with respect to temperature, pH, and binding to lactate dehydrogenase. OSA continuum, 4(5), 1610.

Nava MM, et al. (2020) Heterochromatin-Driven Nuclear Softening Protects the Genome against Mechanical Stress-Induced Damage. Cell, 181(4), 800.

Warren SC, et al. (2018) Removing physiological motion from intravital and clinical functional imaging data. eLife, 7.