

Resource Summary Report

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FibrilTool

RRID:SCR_016773

Type: Tool

Proper Citation

FibrilTool (RRID:SCR_016773)

Resource Information

URL: <https://biii.eu/fibriltool>

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Description: ImageJ plug-in to quantify fibrillar structures in raw microscopy images. Used to evaluate the orientation of fiber orientation pattern and plots the results in the image.

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

Defining Citation: [PMID:24481272](#)

Keywords: quantify, fibrillar, structure, raw, image, microscopy

Funding: Institut National de la Recherche Agronomique (INRA) ;
France ;
Ministry of Science and Higher Education ;
Poland ;
National Science Centre ;
Poland ;
Agence Nationale de la Recherche

Availability: Free, Available for download, Freely available to the scientific community

Resource Name: FibrilTool

Resource ID: SCR_016773

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260805T044400+0000

Ratings and Alerts

No rating or validation information has been found for FibrilTool.

No alerts have been found for FibrilTool.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

H??fler M, et al. (2024) Mechanical forces instruct division plane orientation of cambium stem cells during radial growth in *Arabidopsis thaliana*. *Current biology : CB*, 34(23), 5518.

de Freitas GPA, et al. (2022) Centromere protein J is overexpressed in human glioblastoma and promotes cell proliferation and migration. *Journal of neurochemistry*, 162(6), 501.

Riglet L, et al. (2020) KATANIN-dependent mechanical properties of the stigmatic cell wall mediate the pollen tube path in *Arabidopsis*. *eLife*, 9.

Sheen MR, et al. (2019) Replication Study: Biomechanical remodeling of the microenvironment by stromal caveolin-1 favors tumor invasion and metastasis. *eLife*, 8.