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

Proper Citation: FibrilTool (RRID:SCR_016773)

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 analysis software, software application, data analytics software, image analysis software, software resource, data processing 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: 20250403T061230+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 FDI Lab - SciCrunch.org.

Höfler 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.