Resource Summary Report

Generated by RRID on Aug 15, 2026

AutoTube

RRID:SCR_024815
Type: Tool

Proper Citation

AutoTube (RRID:SCR_024815)

Resource Information

URL: https://github.com/autotubularity/autotube

Proper Citation: AutoTube (RRID:SCR_024815)

Description: Software that quantifies vascular morphometry parameters like area covered by vessels, vessel width, skeleton length and branching or crossing points of vascular networks in tissues and in vitro assays.

Resource Type: image analysis software, data processing software, software application, software resource, source code

Defining Citation: PMID:30370470

Keywords: vascular morphometry parameters quantification, vascular networks in tissues and in vitro assays,

Funding: Swiss National Science Foundation ;
European Research Council

Availability: Free, Available for download, Freely available

Resource Name: AutoTube

Resource ID: SCR_024815

Alternate URLs: https://github.com/autotubularity/autotube/wiki

Record Creation Time: 20240103T212525+0000

Record Last Update: 20260815T042852+0000

Ratings and Alerts

No rating or validation information has been found for AutoTube.

No alerts have been found for AutoTube.

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 RRID .

Saha S, et al. (2024) Robust Differentiation of Human Pluripotent Stem Cells into Lymphatic Endothelial Cells Using Transcription Factors. Cells, tissues, organs, 213(6), 464.

Antila S, et al. (2024) Sustained meningeal lymphatic vessel atrophy or expansion does not alter Alzheimer's disease-related amyloid pathology. Nature cardiovascular research, 3, 474.

Blazeski A, et al. (2023) Engineering microvascular networks using a KLF2 reporter to probe flow-dependent endothelial cell function. bioRxiv : the preprint server for biology.

Russo E, et al. (2021) CD112 Regulates Angiogenesis and T Cell Entry into the Spleen. Cells, 10(1).