

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

MCTrace

RRID:SCR_016532

Type: Tool

Proper Citation

MCTrace (RRID:SCR_016532)

Resource Information

URL: <https://github.com/mizutanilab/MCTrace>

Proper Citation: MCTrace (RRID:SCR_016532)

Description: Software tool as a program for building skeletonized models of 3D structures with a graphical user interface. GUI based neuronal network model building.

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

Keywords: build, skeletonized, model, 3D structure, neuronal, network

Availability: Free, Available for download, Freely available

Resource Name: MCTrace

Resource ID: SCR_016532

License: BSD 2-Clause

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260810T040700+0000

Ratings and Alerts

No rating or validation information has been found for MCTrace.

No alerts have been found for MCTrace.

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 [RRID](#) .

Mizutani R, et al. (2026) Structural alteration of neurons in schizophrenia and its relation with auditory hallucination. *European psychiatry : the journal of the Association of European Psychiatrists*, 69(1), e25.

Saiga R, et al. (2025) Structural differences between human and mouse neurons and their implementation in generative AIs. *Scientific reports*, 15(1), 25091.

Mizutani R, et al. (2023) Structural aging of human neurons is opposite of the changes in schizophrenia. *PloS one*, 18(6), e0287646.