

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

Discrete Morse

RRID:SCR_018662

Type: Tool

Proper Citation

Discrete Morse (RRID:SCR_018662)

Resource Information

URL: <https://github.com/wangdingkang/DiscreteMorse>

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Description: Discrete Morse based pipeline for neuron tracing on tracer injection and single neuron data sets. Automatically generates set of trees summarization of given neuron imaging data. Used to extract tree skeletons of individual neurons from volumetric brain image data, and to summarize collections of neurons labelled by tracer injections.

Abbreviations: DM

Synonyms: DiscreteMorse

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

Defining Citation: [DOI:10.1101/2020.03.21.000323v1](https://doi.org/10.1101/2020.03.21.000323v1)

Keywords: Neuron tracing, tracer injection, single neuron data set, set of trees summarization generation, neuron image data, extract individual neuron tree skeleton, volumetric brain image data, summarize collection, tracer injection labelled neuron

Availability: Free, Freely available

Resource Name: Discrete Morse

Resource ID: SCR_018662

License: MIT License

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260811T043620+0000

Ratings and Alerts

No rating or validation information has been found for Discrete Morse.

No alerts have been found for Discrete Morse.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.