

Resource Summary Report

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

Diffusion-Model

RRID:SCR_027942

Type: Tool

Proper Citation

Diffusion-Model (RRID:SCR_027942)

Resource Information

URL: <https://github.com/TonnesenLab/Diffusion-Model/>

Proper Citation: Diffusion-Model (RRID:SCR_027942)

Description: Software code for simulating diffusion in brain extracellular space images.

Synonyms: , Diffusion Flux, DifFlux, Diffusion Flux Model

Resource Type: source code, software resource

Defining Citation: [PMID:41279667](#)

Keywords: simulating diffusion, brain, extracellular space, images

Funding: Spanish Government ;
NINDS R01NS130759;
NSF

Availability: Free, Available for download, Freely available

Resource Name: Diffusion-Model

Resource ID: SCR_027942

License: BSD-3-Clause license

Record Creation Time: 20260207T065940+0000

Record Last Update: 20260810T040934+0000

Ratings and Alerts

No rating or validation information has been found for Diffusion-Model.

No alerts have been found for Diffusion-Model.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gimenez P, et al. (2026) Extracellular space diffusion modelling identifies distinct functional advantages of glutamatergic and GABAergic synapse geometries. Fluids and barriers of the CNS, 23(1).