Artistoo

RRID:SCR_020983
Type: Tool

Proper Citation

Artistoo (RRID:SCR_020983)

Resource Information

URL: https://artistoo.net

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Description: Software toolbox, formerly called CPMjs, as framework to build interactive, explorable simulation models of cells and tissues in web browser. JavaScript library to build interactive Cellular Potts Models as command line applications or in web browser.

Synonyms: Artificial Tissue Toolbox

Resource Type: software resource, software toolkit

Defining Citation: DOI:10.1101/2020.05.01.072975

Keywords: Cellular Potts Models, simulation models building, cells simulation models, tissue simulation models, JavaScript library, build interactive models

Funding:

Availability: Free, Freely available

Resource Name: Artistoo

Resource ID: SCR_020983

Alternate IDs: biotools:artistoo

Alternate URLs: https://github.com/ingewortel/artistoo, https://bio.tools/artistoo

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250422T060145+0000

Ratings and Alerts

No rating or validation information has been found for Artistoo.

No alerts have been found for Artistoo.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wortel IM, et al. (2021) Artistoo, a library to build, share, and explore simulations of cells and tissues in the web browser. eLife, 10.

Wortel IMN, et al. (2021) Local actin dynamics couple speed and persistence in a cellular Potts model of cell migration. Biophysical journal, 120(13), 2609.