

Resource Summary Report

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AMICI

RRID:SCR_026913

Type: Tool

Proper Citation

AMICI (RRID:SCR_026913)

Resource Information

URL: <https://github.com/AMICI-dev/AMICI/>

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Description: Software toolbox implemented in C++/Python/MATLAB that provides efficient simulation and sensitivity analysis routines tailored for scalable, gradient-based parameter estimation and uncertainty quantification. Used for high-performance sensitivity analysis for large ordinary differential equation models.

Synonyms: Advanced Multilanguage Interface to CVODES and IDAS

Resource Type: software toolkit, software resource, source code

Defining Citation: [PMID:33821950](#)

Keywords: high-performance sensitivity analysis, large ordinary differential equation models,

Funding: European Unions Horizon 2020 ;
Federal Ministry of Education and Research of Germany ;
German Research Foundation ;
NCI U54 CA225088

Availability: Free, Available for download, Freely available

Resource Name: AMICI

Resource ID: SCR_026913

License: BSD-3-Clause

Record Creation Time: 20250509T055745+0000

Record Last Update: 20260804T043902+0000

Ratings and Alerts

No rating or validation information has been found for AMICI.

No alerts have been found for AMICI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.