

Resource Summary Report

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Wolfram Mathematica

RRID:SCR_014448

Type: Tool

Proper Citation

Wolfram Mathematica (RRID:SCR_014448)

Resource Information

URL: <https://www.wolfram.com/mathematica/>

Proper Citation: Wolfram Mathematica (RRID:SCR_014448)

Description: A technical computing software and computing environment that provides users with algorithms and mathematical functions for various projects and purposes. The resource incorporates other Wolfram products such as Wolfram Algorithmbase, Wolfram Language, and Wolfram Knowledgebase.

Resource Type: data processing software, data analytics software, data visualization software, software resource, data storage software, software application

Keywords: analysis, computing, machine learning, wolfram notebook, meta-algorithm, cloud

Availability: Commercial product

Resource Name: Wolfram Mathematica

Resource ID: SCR_014448

License: <http://www.wolfram.com/legal/agreements/wolfram-mathematica.html>

License URLs: <http://www.wolfram.com/legal/privacy/wolfram-mathematica.html>

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Ratings and Alerts

No rating or validation information has been found for Wolfram Mathematica.

No alerts have been found for Wolfram Mathematica.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 488 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#).

Khater MMA, et al. (2025) Nonlinear dynamics of self-sustaining waves in anisotropic media. Scientific reports, 15(1), 25844.

Padman BS, et al. (2025) AI-directed voxel extraction and volume EM identify intrusions as sites of mitochondrial contact. The Journal of cell biology, 224(10).

Xiao T, et al. (2025) Local non-Hermitian Hamiltonian formalism for dissipative fermionic systems and loss-induced population increase in Fermi superfluids. iScience, 28(6), 112641.

Ahmad S, et al. (2025) Spatial statistics of submicron size clusters of activating and inhibitory Natural Killer cell receptors in the resting state regulate early time signal discrimination. bioRxiv : the preprint server for biology.

Hussain A, et al. (2025) Exploring soliton solutions and dynamical features of three dimensional Gardner Kadomtsov Petviashvili equation. Scientific reports, 15(1), 37175.

Yoon CH, et al. (2025) Predictive modeling of Super El Niño through integrated local and global climate signals. Scientific reports, 15(1), 16479.

Inoue M, et al. (2025) Study on the chirality of gyroid photonic crystals in butterfly wing scales. Scientific reports, 15(1), 20968.

Wang W, et al. (2025) Dual opposing quadrature-PT symmetry. iScience, 28(1), 111655.

Murakami H, et al. (2025) Speed and accuracy tradeoff in whole body movement during vertical jumps under varying landing constraints. Scientific reports, 15(1), 19966.

Nimra N, et al. (2025) Dynamics and stability of soliton solutions for the seventh-order Sawada-Kotera-Ito equation with applications. Scientific reports, 15(1), 27841.

Ahmed AI, et al. (2025) Analysis of Lie-Bäcklund symmetry soliton solutions and stability dynamics in the Wazwaz unidirectional wave model. Scientific reports, 15(1), 13521.

Dulaney C, et al. (2025) A kinetic model of copper homeostasis in *Saccharomyces cerevisiae*. The Journal of biological chemistry, 301(8), 110368.

Skryabin G, et al. (2025) Distinctive Features of Extracellular Vesicles Present in the Gastric Juice of Patients with Gastric Cancer and Healthy Subjects. International journal of molecular sciences, 26(12).

Ceesay B, et al. (2025) Revealing homoclinic breather waves, periodic lump waves and other waves forms of an integrable reduced spin Hirota-Maxwell-Bloch system. Scientific reports, 15(1), 19880.

Santucci F, et al. (2025) Pattern functions of the Astrometric Gravitational Wave Antenna. Scientific reports, 15(1), 32908.

Love KS, et al. (2025) Model-guided design of microRNA-based gene circuits supports precise dosage of transgenic cargoes into diverse primary cells. Cell systems, 16(6), 101269.

Shiff CE, et al. (2024) Ultrasensitivity of microtubule severing due to damage repair. iScience, 27(2), 108874.

Caselli N, et al. (2024) Red blood cell flickering activity locally controlled by holographic optical tweezers. iScience, 27(6), 109915.

Park SY, et al. (2024) D-Glucose-Mediated Gold Nanoparticle Fabrication for Colorimetric Detection of Foodborne Pathogens. Biosensors, 14(6).

Khanal P, et al. (2024) Exploring the globoid cell leukodystrophy protein network and therapeutic interventions. Scientific reports, 14(1), 18067.