Resource Summary Report

Generated by NIF on Sep 10, 2026

AtomicJ

RRID:SCR_026023
Type: Tool

Proper Citation

AtomicJ (RRID:SCR_026023)

Resource Information

URL: https://sourceforge.net/projects/jrobust/

Proper Citation: AtomicJ (RRID:SCR_026023)

Description: Software application for analysis of force microscopy recordings, including images and force curves. Allows for fast and reliable processing of single force curves and force maps, providing estimation of mechanical properties of sample.

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

Defining Citation: PMID:24985823

Keywords: force microscopy recordings, images, force curves, analysis, single force curves processing, force maps processing,

Funding: European Union structural funds ;
Polish Ministry of Science and Higher Education

Availability: Free, Freely available,

Resource Name: AtomicJ

Resource ID: SCR_026023

Record Creation Time: 20241109T053310+0000

Record Last Update: 20260905T133511+0000

Ratings and Alerts

No rating or validation information has been found for AtomicJ.

No alerts have been found for AtomicJ.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Alfaro-Garc??a JP, et al. (2025) Characterization of the Temporal Dynamics of the Endothelial-Mesenchymal-like Transition Induced by Soluble Factors from Dengue Virus Infection in Microvascular Endothelial Cells. International journal of molecular sciences, 26(5).

Laskowski D, et al. (2025) Single-cell analysis of lipopolysaccharide-mediated heterogeneity in Escherichia coli adhesion and mechanics. Archives of microbiology, 207(12), 321.

Khadka NK, et al. (2025) Mechanical Properties of Eye Lens Cortical and Nuclear Membranes and the Whole Lens. Investigative ophthalmology & visual science, 66(1), 27.

Miler I, et al. (2024) Short-Term l-arginine Treatment Mitigates Early Damage of Dermal Collagen Induced by Diabetes. Bioengineering (Basel, Switzerland), 11(4).