

Resource Summary Report

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ParaView

RRID:SCR_002516

Type: Tool

Proper Citation

ParaView (RRID:SCR_002516)

Resource Information

URL: <http://www.paraview.org/>

Proper Citation: ParaView (RRID:SCR_002516)

Description: Open source, multi platform data analysis and visualization application. ParaView users can quickly build visualizations to analyze their data using qualitative and quantitative techniques. The data exploration can be done interactively in 3D or programmatically using ParaView's batch processing capabilities. ParaView was developed to analyze extremely large datasets using distributed memory computing resources. It can be run on supercomputers to analyze datasets of terascale as well as on laptops for smaller data.

Abbreviations: ParaView

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

Keywords: magnetic resonance

Availability: Free, Available for download, Freely available

Resource Name: ParaView

Resource ID: SCR_002516

Alternate IDs: nlx_155917

Alternate URLs: <http://www.nitrc.org/projects/paraview>,
<https://sources.debian.org/src/paraview/>

License: BSD License

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Ratings and Alerts

No rating or validation information has been found for ParaView.

No alerts have been found for ParaView.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 595 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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).

Grimes WN, et al. (2025) Layer-specific anatomical and physiological features of the retina's neurovascular unit. Current biology : CB, 35(1), 109.

Tian Y, et al. (2025) Internal hydrodynamics within the skeleton of Acropora pulchra coral. iScience, 28(2), 111742.

Elabbadi M, et al. (2025) Controllable synthesis of Pd and Pt shells on Au nanoparticles with electrodeposition. Scientific reports, 15(1), 1292.

Teale MA, et al. (2025) Expansion of induced pluripotent stem cells under consideration of bioengineering aspects: part 2. Applied microbiology and biotechnology, 109(1), 38.

Muskan , et al. (2025) Strong Ferromagnetic Coupling between Co and Co²⁺ with Odd Electron (Anti)aromatic Radicals via Noncovalent Interaction. The journal of physical chemistry. A, 129(20), 4426.

Cheikh Sleiman H, et al. (2025) Tube2FEM: a general-purpose highly automated pipeline for flow-related processes in (embedded) tubular objects. Royal Society open science, 12(8), 242025.

Tuset L, et al. (2025) A virtual simulation study of the effects of laparotomy incision location and wound stiffness on abdominal wall mechanics. Scientific reports, 15(1), 18290.

Henderson SF, et al. (2025) Modeling the formation of sedan crater using the FLAG and HOSS codes. Scientific reports, 15(1), 21466.

Lindgren J, et al. (2025) Adaptations for stealth in the wing-like flippers of a large ichthyosaur. Nature, 644(8078), 976.

Kamwouo T, et al. (2025) Extracellular DNA filaments associated with surface polysaccharide II give Clostridioides difficile biofilm matrix a network-like structure. NPJ

biofilms and microbiomes, 11(1), 108.

Syeda SM, et al. (2025) Phalangeal cortical bone distribution reveals different dexterous and climbing behaviors in *Australopithecus sediba* and *Homo naledi*. *Science advances*, 11(20), eadt1201.

Pradelli F, et al. (2025) Mathematical modeling and simulation of tumor-induced angiogenesis in retinal hemangioblastoma. *PLoS computational biology*, 21(9), e1012799.

Elhanafy A, et al. (2025) Numerical simulation of red blood cells migration and platelets margination for blood flow in micro-vessels with fusiform aneurysms. *Scientific reports*, 15(1), 37350.

Zhao H, et al. (2025) Virtual Stenting Based on Fractional Flow Reserve Derived from Computed Tomography in Predicting Post-Percutaneous Coronary Intervention Functional Outcomes: A Retrospective Cohort Study. *Journal of cardiovascular development and disease*, 12(9).

Pugacheva P, et al. (2025) Investigation of the North Face Corridor in the Great Pyramid of Giza using Electrical Resistivity Tomography. *Scientific reports*, 15(1), 41187.

Wang J, et al. (2025) Mechanically activated *snai1b* coordinates the initiation of myocardial delamination for trabeculation. *Nature communications*, 16(1), 8363.

Clark FK, et al. (2025) A common pathway controls cell size in the sepal and leaf epidermis leading to a nonrandom pattern of giant cells. *PLoS biology*, 23(11), e3003469.

Tu A, et al. (2025) Predicting the preservation of buried ore deposits using deep-time landscape evolution modeling. *Science advances*, 11(48), eady6244.

Ugolini E, et al. (2025) Hemodynamic Impact of the Aberrant Subclavian Artery: A CFD Investigation. *Journal of personalized medicine*, 15(12).