Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

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

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

Record Creation Time: 20220129T080213+0000

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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 685 mentions in open access literature.

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

Raiola M, et al. (2026) Quantitative computerized analysis demonstrates strongly compartmentalized tissue deformation patterns underlying mammalian heart tube formation. eLife, 14.

Kazik HB, et al. (2026) Patient-Informed Fluid-Structure Interaction Simulations of Bicuspid Aortic Valve in Young Adults Reveal Regionalized Differences in Mechanical Stress. Annals of biomedical engineering, 54(3), 679.

Bäck S, et al. (2026) Virtual left atrial appendage occlusion in paroxysmal atrial fibrillation during sinus rhythm predicts variable reductions in blood stasis. The Journal of physiology, 604(13), 5342.

Lartaud PJ, et al. (2026) eCAPRI: a novel tool combining clinical and imaging data for post-TAVI mortality prediction. European radiology, 36(5), 3542.

Morales X, et al. (2026) Automated 4D flow MRI pipeline for the quantification of advanced hemodynamic parameters in the left atrium. Scientific reports, 16(1), 5426.

Andrea Kovács K, et al. (2026) Direct numerical simulation of three-dimensional Kolmogorov flow for turbulence model development. Scientific data, 13(1).

Kronborg J, et al. (2026) Turbulence generation supported by an inverse energy transfer through a zig-zag pattern. Scientific reports, 16(1).

Dwivedi KK, et al. (2026) Alterations in ascending aortic hemodynamics and aortic length correlate with sex-specific thoracic aortic aneurysm dilation and lifespan in a mouse model of severe Marfan syndrome. Computers in biology and medicine, 205, 111594.

Katzke J, et al. (2026) High-throughput phenomics of global ant biodiversity. Nature methods, 23(3), 663.

Holt JD, et al. (2026) Predator-prey dynamics of Vibrio cholerae on chitin suggest an alternative mode of biofilm formation in marine snow conditions. The ISME journal, 20(1).

Brown CA, et al. (2026) Evaluation of Copathology and Clinical Trajectories in Individuals With Tau-Clinical Mismatch. JAMA neurology, 83(2), 126.

Lam JKC, et al. (2026) Molecular basis of target RNA cleavage by Cas13. Nature communications, 17(1).

Lisasi R, et al. (2026) Computed Fluid Dynamics-Based Blood Pressure Prediction for Coronary Artery Disease Diagnosis Using Coronary Computed Tomography Angiography. Journal of imaging, 12(5).

Xu L, et al. (2026) Operando X-Ray Computed Tomography Reveals the Role of Interfacial Nucleation Nanolayers in Suppressing Mechanical Failure in Zero-Excess Lithium All-Solid-State Batteries. Small (Weinheim an der Bergstrasse, Germany), 22(10), e12284.

Díaz-Martínez I, et al. (2026) Footprint morphology sheds light on running strategies in non-avian theropods. Scientific reports, 15(1), 44217.

Egashira R, et al. (2026) Dendritic compartment-specific spine formation in layer 5 neurons underlies cortical circuit maturation during adolescence. Science advances, 12(3), eadw8458.

Dong L, et al. (2026) Pore network modeling of water and gas transport characteristics in synthetic porous media. PloS one, 21(1), e0341834.

Elnatan M, et al. (2026) Biomechanics of the tooth cervical region investigated using 3D digital image correlation, micro CT, and finite element analysis. Scientific reports, 16(1).

Wang Y, et al. (2026) Decoding the southeastern Tibetan Plateau growth: a 3D numerical simulation of Cenozoic crustal deformation. National science review, 13(6), nwag118.

Shui L, et al. (2026) UniST: A Unified Computational Framework for 3D Spatial Transcriptomics Reconstruction. bioRxiv : the preprint server for biology.