

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

Panda3D

RRID:SCR_021216

Type: Tool

Proper Citation

Panda3D (RRID:SCR_021216)

Resource Information

URL: <https://www.panda3d.org/>

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Description: Open source game engine and framework for 3D rendering and game development for Python and C++ programs. Graphics engine and programming environment to support everything from real time graphics applications to development of high end virtual reality theme park attractions or video games.

Synonyms: Platform agnostic networked display architecture 3D

Resource Type: data visualization software, 3d visualization software, software resource, software application, software development tool, software development environment, data processing software

Defining Citation: [DOI:10.1109/MC.2004.180](https://doi.org/10.1109/MC.2004.180)

Keywords: Disney VR Studio, game engine, 3D rendering, game development, Python, graphics engine, programming environment

Availability: Free, Available for download, Freely available

Resource Name: Panda3D

Resource ID: SCR_021216

Alternate URLs: <https://github.com/panda3d/panda3d>

License: BSD license

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260728T043617+0000

Ratings and Alerts

No rating or validation information has been found for Panda3D.

No alerts have been found for Panda3D.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Yogesh B, et al. (2025) Quantification of the effect of hemodynamic occlusion in two-photon imaging of mouse cortex. eLife, 14.

Solyga M, et al. (2025) Multimodal mismatch responses in mouse auditory cortex. eLife, 13.

Attinger A, et al. (2025) Environmental Novelty Modulates Rapid Cortical Plasticity During Navigation. bioRxiv : the preprint server for biology.

Yogesh B, et al. (2024) Cholinergic input to mouse visual cortex signals a movement state and acutely enhances layer 5 responsiveness. eLife, 12.

O'Toole SM, et al. (2023) Molecularly targetable cell types in mouse visual cortex have distinguishable prediction error responses. Neuron, 111(18), 2918.

Hehenberger L, et al. (2021) Directional Decoding From EEG in a Center-Out Motor Imagery Task With Visual and Vibrotactile Guidance. Frontiers in human neuroscience, 15, 687252.