

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

CloudVolume

RRID:SCR_022820

Type: Tool

Proper Citation

CloudVolume (RRID:SCR_022820)

Resource Information

URL: <https://github.com/seung-lab/cloud-volume>

Proper Citation: CloudVolume (RRID:SCR_022820)

Description: Software Python package for reading and writing of image data in Neuroglancer precomputed format. Used to read and write Neuroglancer datasets programmatically.

Resource Type: software toolkit, software resource

Keywords: reading and writing of image data, neuroglancer precomputed format

Availability: Free, Available for download, Freely available

Resource Name: CloudVolume

Resource ID: SCR_022820

Record Creation Time: 20221005T050138+0000

Record Last Update: 20260729T044544+0000

Ratings and Alerts

No rating or validation information has been found for CloudVolume.

No alerts have been found for CloudVolume.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Zimmerman CA, et al. (2025) A neural mechanism for learning from delayed postingestive feedback. *Nature*, 642(8068), 700.

Zheng Z, et al. (2025) Connectomic reconstruction from hippocampal CA3 reveals spatially graded mossy fiber inputs and selective feedforward inhibition to pyramidal cells. *bioRxiv : the preprint server for biology*.

, et al. (2025) Functional connectomics spanning multiple areas of mouse visual cortex. *Nature*, 640(8058), 435.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry *Drosophila*. *Neuron*, 112(14), 2315.

Zimmerman CA, et al. (2024) A neural mechanism for learning from delayed postingestive feedback. *bioRxiv : the preprint server for biology*.

McKim TH, et al. (2024) Synaptic connectome of a neurosecretory network in the *Drosophila* brain. *bioRxiv : the preprint server for biology*.

Reinhard N, et al. (2024) Synaptic connectome of the *Drosophila* circadian clock. *Nature communications*, 15(1), 10392.

Zheng Z, et al. (2024) Fast imaging of millimeter-scale areas with beam deflection transmission electron microscopy. *Nature communications*, 15(1), 6860.

Sizemore TR, et al. (2023) Heterogeneous receptor expression underlies non-uniform peptidergic modulation of olfaction in *Drosophila*. *Nature communications*, 14(1), 5280.