Resource Summary Report

Generated by RRID on Sep 10, 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 resource, software toolkit

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: 20260905T133312+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 11 mentions in open access literature.

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

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

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.

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

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

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

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

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

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

Wilson A, et al. (2023) SynapseCLR: Uncovering features of synapses in primary visual cortex through contrastive representation learning. Patterns (New York, N.Y.), 4(4), 100693.

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

Hider R, et al. (2022) The Brain Observatory Storage Service and Database (BossDB): A Cloud-Native Approach for Petascale Neuroscience Discovery. Frontiers in neuroinformatics, 16, 828787.