Resource Summary Report

Generated by T1D on Sep 17, 2026

VolumeRover

RRID:SCR_005457
Type: Tool

Proper Citation

VolumeRover (RRID:SCR_005457)

Resource Information

URL: http://cvcweb.ices.utexas.edu/cvcwp/?page_id=100

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Description: VolumeRover (a.k.a VolRover) is an interactive multi-purpose image processing software that can visualize three dimensional imaging data of any size (as big as terabyte) in a commodity PC or workstation and additionally supports the following image processing operations. Image Contrast Enhancement, Filtering/Noise Reduction, Image Segmentation, Isocontouring, Symmetry Detection (for Virus Maps, Boundary-free Image Skeletonization. VolRover provides a user interface to a number of CVC software packages including Segmentation, Contrast Enhancement, and Motif Elucidation.

Abbreviations: VolRover

Synonyms: Volume Rover

Resource Type: d visualization software, data processing software, image processing software, software application, software resource

Defining Citation: PMID:14643216

Keywords: image

Funding: NSF CI-9982297;
NSF CCR-9988357;
NSF 1018140;
NIDCD DC00241

Resource Name: VolumeRover

Resource ID: SCR_005457

Alternate IDs: nlx_144564

Record Creation Time: 20220129T080230+0000

Record Last Update: 20260912T195626+0000

Ratings and Alerts

No rating or validation information has been found for VolumeRover.

No alerts have been found for VolumeRover.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Garcia GC, et al. (2019) Mitochondrial morphology provides a mechanism for energy buffering at synapses. Scientific reports, 9(1), 18306.

Kinney JP, et al. (2013) Extracellular sheets and tunnels modulate glutamate diffusion in hippocampal neuropil. The Journal of comparative neurology, 521(2), 448.