

Resource Summary Report

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ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis

RRID:SCR_008312

Type: Tool

Proper Citation

ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis
(RRID:SCR_008312)

Resource Information

URL: <http://connectomics.org/viewer>

Proper Citation: ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis (RRID:SCR_008312)

Description: Extensible, scriptable, pythonic software tool for visualization and analysis in structural neuroimaging research on many spatial scales. Employing the Connectome File Format, diverse data such as networks, surfaces, volumes, tracks and metadata are handled and integrated. The field of Connectomics research benefits from recent advances in structural neuroimaging technologies on all spatial scales. The need for software tools to visualize and analyze the emerging data is urgent. The ConnectomeViewer application was developed to meet the needs of basic and clinical neuroscientists, as well as complex network scientists, providing an integrative, extensible platform to visualize and analyze Connectomics data. With the Connectome File Format, interlinking different datatypes such as hierarchical networks, surface data, volumetric data is easy and might provide new ways of analyzing and interacting with data. Furthermore, ConnectomeViewer readily integrates with: * ConnectomeWiki: a semantic knowledge base representing connectomics data at a mesoscale level across various species, allowing easy access to relevant literature and databases. * ConnectomeDatabase: a repository to store and disseminate Connectome files.

Abbreviations: ConnectomeViewer

Resource Type: d visualization software, network graph visualization software, data visualization software, data analysis software, rendering software, software resource, software application, data processing software, network analysis software

Keywords: extensible, analysis, clinical, data, diverse, metadata, network, neuroscience, neuroscientist, pythonics, research, scriptable, software, structural, surface, technology, tool, track, visualization, volume, neuroimaging

Resource Name: ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis

Resource ID: SCR_008312

Alternate IDs: nif-0000-24442

Record Creation Time: 20220129T080246+0000

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Ratings and Alerts

No rating or validation information has been found for ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis.

No alerts have been found for ConnectomeViewer: Multi-Modal Multi-Level Network Visualization and Analysis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.