

Resource Summary Report

Generated by ASWG on Sep 18, 2026

BrainNet Viewer

RRID:SCR_009446

Type: Tool

Proper Citation

BrainNet Viewer (RRID:SCR_009446)

Resource Information

URL: <http://www.nitrc.org/projects/bnv/>

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Description: Aa brain network visualization tool, which can help researchers to visualize structural and functional connectivity patterns from different levels in a quick, easy, and flexible way.

Abbreviations: BrainNet Viewer

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

Keywords: linux, macos, matlab, microsoft, magnetic resonance, posix/unix-like, visualization, win32 (ms windows), windows

Availability: GNU General Public License

Resource Name: BrainNet Viewer

Resource ID: SCR_009446

Alternate IDs: nlx_155589

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260912T200014+0000

Ratings and Alerts

No rating or validation information has been found for BrainNet Viewer.

No alerts have been found for BrainNet Viewer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 678 mentions in open access literature.

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

Chang Y, et al. (2026) Enhanced interhemispheric functional connectivity in elderly anxiety patients with long-term benzodiazepine use: an fNIRS study. Scientific reports, 16(1).

Mohammadi S, et al. (2026) Nasal and oral breathing modes reconfigure brain network dynamics between stabilizing integration and promoting fragmentation. Scientific reports, 16(1).

Guo L, et al. (2026) A neural network for modeling human concept formation, understanding and communication. Nature computational science, 6(5), 497.

Jin X, et al. (2026) Study on brain functional networks and cortical morphological structures in patients with primary insomnia. Frontiers in neurology, 17, 1770086.

Ning X, et al. (2026) Role of disturbed structural connectivity network in patients with white matter lesions and cognitive impairment revealed by diffusion-tensor magnetic resonance imaging. The Journal of international medical research, 54(5), 3000605261431456.

Qian X, et al. (2026) Altered salience network structure-function integration underlies the decline in cognitive flexibility during aging. PLoS biology, 24(4), e3003738.

K??nigsmann S, et al. (2026) Dynamic white matter microstructure in anorexia nervosa: associations with neurofilament light and leptin across early weight restoration. Research square.

Zhang M, et al. (2026) Sender-receiver subdivisions of the default mode network in perceptual and memory-guided cognition. Proceedings of the National Academy of Sciences of the United States of America, 123(15), e2528851123.

Wu S, et al. (2026) Abnormal functional connectivity of dynamic brain network in toddlers with autism and its correlation with symptoms. BMC psychiatry, 26(1).

Shi Q, et al. (2026) Effects of bifrontal-transcranial direct current stimulation combined with music listening on sleep quality, cortical activation and functional connectivity in patients with insomnia: a randomised controlled trial by fNIRS. Frontiers in psychiatry, 17, 1763543.

Peng H, et al. (2026) Impacts of repetitive transcranial magnetic stimulation parameters on cerebral hemodynamics in patients with disorders of consciousness. Frontiers in neurology, 17, 1796875.

Xiong Z, et al. (2026) Virtual flying experience changes neural responses to seeing wings. *Cell reports*, 45(5), 117320.

Qiao X, et al. (2025) Exploring the neural mechanisms underlying cooperation and competition behavior: Insights from stereo-electroencephalography hyperscanning. *iScience*, 28(2), 111506.

Zhu M, et al. (2025) Over-integration of visual network in major depressive disorder and its association with gene expression profiles. *Translational psychiatry*, 15(1), 86.

Colloby SJ, et al. (2025) Patterns of tau, amyloid and synuclein pathology in ageing, Alzheimer's disease and synucleinopathies. *Brain : a journal of neurology*, 148(5), 1562.

Salvato G, et al. (2025) The contribution of cutaneous thermal signals to bodily self-awareness. *Nature communications*, 16(1), 569.

Kun Xie , et al. (2025) Associations Between Left DLPFC iTBS-induced Functional Connectivity Changes and Depressive Symptoms: An Exploratory Study. *Actas espanolas de psiquiatria*, 53(6), 1237.

Hammond CJ, et al. (2025) Altered effective connectivity of emotion perception and regulation networks during an emotional face perception task in adults with alcohol use disorder. *Brain structure & function*, 230(7), 136.

Yang J, et al. (2025) Enhanced role of the entorhinal cortex in adapting to increased working memory load. *Nature communications*, 16(1), 5798.

Wei Y, et al. (2025) Machine Learning Based Identification of Depressive Symptoms Among Students in a Chinese University Using Functional Near-Infrared Spectroscopy. *Alpha psychiatry*, 26(6), 49235.