

Resource Summary Report

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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, software application, software resource, data visualization software

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: 20260731T042811+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 605 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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.

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

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.

Pollak OH, et al. (2025) Testing an interpersonal risk pathway to suicidal ideation in adolescence: linking neural, psychological, and sociometric indices of socially relevant factors. *Social cognitive and affective neuroscience*, 20(1).

Li X, et al. (2025) Multimodal metabolic and functional network signatures for diagnosis of parkinson's disease: a PET/MR study. *Scientific reports*, 15(1), 35685.

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.

Xiong J, et al. (2025) Local Structural Indices Changes During Different Periods of Postherpetic Neuralgia: A Graphical Study in Structural Covariance Networks. *Journal of pain research*, 18, 1175.

Agosta F, et al. (2025) Modelling pathological spread through the structural connectome in the frontotemporal dementia clinical spectrum. *Brain : a journal of neurology*, 148(6), 1994.

Jiang X, et al. (2025) Alterations in local activity and whole-brain functional connectivity in human immunodeficiency virus-associated neurocognitive disorders: a resting-state functional magnetic resonance imaging study. *Quantitative imaging in medicine and*

surgery, 15(1), 563.

Wang J, et al. (2025) Function-Specific Localization in the Supplementary Motor Area: A Potential Effective Target for Tourette Syndrome. *CNS neuroscience & therapeutics*, 31(2), e70280.

Lupinsky D, et al. (2025) Resting-state fMRI reveals altered functional connectivity associated with resilience and susceptibility to chronic social defeat stress in mouse brain. *Molecular psychiatry*, 30(7), 2943.

Wang M, et al. (2025) Effects of acoustic startle priming on poststroke dysarthria rehabilitation: study protocol for a double-blinded, single-centre randomised controlled trial in China. *BMJ open*, 15(7), e086791.

Zhang Q, et al. (2025) Enhanced particle swarm optimization for feature selection in SVM-based Alzheimer's disease diagnosis. *Scientific reports*, 15(1), 24243.

Liu X, et al. (2025) Default mode network static-dynamic functional signatures in first-episode drug-naïve major depressive disorder. *Comprehensive psychoneuroendocrinology*, 23, 100306.

Ran H, et al. (2025) Alterations of multilayer network correlated with cognitive impairment and gene expression profiles in children with idiopathic generalized epilepsy. *Scientific reports*, 15(1), 36877.

Chen R, et al. (2025) Simultaneous tDCS-rTMS stimulation to regulate the language network and improve language ability in Landau-Kleffner syndrome. *Epilepsia open*, 10(6), 1997.

Zhou Q, et al. (2025) Identification of specific brain cell types associated with the interplay between inflammatory bowel diseases and neuropsychiatric disorders by Cell-Stratified Mendelian Randomisation. *EBioMedicine*, 122, 105987.