

Resource Summary Report

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499 fROI atlas

RRID:SCR_014756

Type: Tool

Proper Citation

499 fROI atlas (RRID:SCR_014756)

Resource Information

URL: http://findlab.stanford.edu/functional_ROIs.html

Proper Citation: 499 fROI atlas (RRID:SCR_014756)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on June 29,2023. Atlas of functional ROIs (fROIs) containing 499 regions, with extensive gray matter coverage. Atlases are available for download directly from the website.

Synonyms: Willard atlas

Resource Type: atlas, data or information resource

Defining Citation: [PMID:26068849](#)

Keywords: roi, dmn, fmri, atlas, functional roi, gray matter, grey matter, brain

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: 499 fROI atlas

Resource ID: SCR_014756

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260904T000348+0000

Ratings and Alerts

No rating or validation information has been found for 499 fROI atlas.

No alerts have been found for 499 fROI atlas.

Data and Source Information

Usage and Citation Metrics

We found 77 mentions in open access literature.

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

Vardian M, et al. (2025) Existence of Dynamic Functional Connectivity Variations of Brain Networks in Psychogenic Non-Epileptic Seizures Through Resting-state Functional Magnetic Resonance Imaging. Journal of biomedical physics & engineering, 15(5), 467.

Forlim CG, et al. (2024) Resting state network changes induced by experimental inaudible infrasound exposure and associations with self-reported noise sensitivity and annoyance. Scientific reports, 14(1), 24555.

Popovova J, et al. (2024) Enhanced attention-related alertness following right anterior insular cortex neurofeedback training. iScience, 27(2), 108915.

Zhang S, et al. (2024) Reconfigurations of Dynamic Functional Network Connectivity in Large-scale Brain Network after Prolonged Abstinence in Heroin Users. Current neuropharmacology, 22(6), 1144.

Yan Z, et al. (2023) Synergistic structural and functional alterations in the medial prefrontal cortex of patients with high-grade gliomas infiltrating the thalamus and the basal ganglia. Frontiers in neuroscience, 17, 1136534.

Sheng J, et al. (2023) Intersubject similarity in neural representations underlies shared episodic memory content. Proceedings of the National Academy of Sciences of the United States of America, 120(35), e2308951120.

Li X, et al. (2022) Abnormal Dynamic Functional Connectivity in Patients With End-Stage Renal Disease. Frontiers in neuroscience, 16, 852822.

Canu E, et al. (2022) Resting state functional brain networks associated with emotion processing in frontotemporal lobar degeneration. Molecular psychiatry, 27(11), 4809.

Yang FG, et al. (2022) Verbal Training Induces Enhanced Functional Connectivity in Japanese Healthy Elderly Population. Frontiers in human neuroscience, 16, 786853.

Galbiati A, et al. (2021) Exploring the functional role and neural correlates of K-complexes in isolated rapid eye movement sleep behavior disorder. Cortex; a journal devoted to the study of the nervous system and behavior, 145, 105.

Kato S, et al. (2021) Effects of Head Motion on the Evaluation of Age-related Brain Network Changes Using Resting State Functional MRI. Magnetic resonance in medical sciences : MRMS : an official journal of Japan Society of Magnetic Resonance in Medicine, 20(4), 338.

Bezmaternykh DD, et al. (2021) Brain Networks Connectivity in Mild to Moderate Depression: Resting State fMRI Study with Implications to Nonpharmacological

Treatment. Neural plasticity, 2021, 8846097.

Luo L, et al. (2021) Altered brain functional network dynamics in obsessive-compulsive disorder. Human brain mapping, 42(7), 2061.

Vicentini JE, et al. (2021) Subacute functional connectivity correlates with cognitive recovery six months after stroke. NeuroImage. Clinical, 29, 102538.

Xu L, et al. (2021) Intrinsic Network Brain Dysfunction Correlates With Temporal Complexity in Generalized Anxiety Disorder and Panic Disorder. Frontiers in human neuroscience, 15, 647518.

Sobczak AM, et al. (2021) The Influence of Intraocular Lens Implantation and Alterations in Blue Light Transmittance Level on the Brain Functional Network Architecture Reorganization in Cataract Patients. Brain sciences, 11(11).

Fu C, et al. (2021) Antiepileptic Efficacy and Network Connectivity Modulation of Repetitive Transcranial Magnetic Stimulation by Vertex Suppression. Frontiers in human neuroscience, 15, 667619.

Chen X, et al. (2021) Resting-state functional network connectivity underlying eating disorder symptoms in healthy young adults. NeuroImage. Clinical, 30, 102671.

Portugal-Nunes C, et al. (2021) The Association of Metabolic Dysfunction and Mood Across Lifespan Interacts With the Default Mode Network Functional Connectivity. Frontiers in aging neuroscience, 13, 618623.

Qi J, et al. (2021) Disrupted Small-world Networks are Associated with Decreased Vigilant Attention after Total Sleep Deprivation. Neuroscience, 471, 51.