Resource Summary Report

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Human Connectome Coordination Facility

RRID:SCR_008749
Type: Tool

Proper Citation

Human Connectome Coordination Facility (RRID:SCR_008749)

Resource Information

URL: http://humanconnectome.org/

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Description: Consortium to comprehensively map long-distance brain connections and their variability. It is acquiring data and developing analysis pipelines for several modalities of neuroimaging data plus behavioral and genetic data from healthy adults.

Abbreviations: WU-Minn HCP

Synonyms: HCP WU-Minn Consortium, WU-Minn: Human Connectome Project, HUMAN CONNECTOME PROJECT WU-Minn Consortium, WU-Minn Consortium: Human Connectome Project, WU-Minn Consortium: HCP

Resource Type: storage service resource, service resource, image repository, data repository

Defining Citation: PMID:23684880, PMID:23702419, PMID:23668970, PMID:23702415, PMID:23702418, PMID:23707591, PMID:23702417, PMID:23684877

Keywords: brain, connectivity, adult human, mri, resting-state fmri, functional mri assay, neuroimaging, surface rendering, time domain analysis, tractography, xnat pipeline

Related Condition: healthy, twin

Funding: NIMH MH091657;
NIH Blueprint for Neuroscience Research

Availability: Free, Freely available

Resource Name: Human Connectome Coordination Facility

Resource ID: SCR_008749

Alternate IDs: nlx_143922

Alternate URLs: http://www.nitrc.org/projects/hcp_wuminn, http://www.humanconnectome.org/documentation/S500/

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260810T040501+0000

Ratings and Alerts

No rating or validation information has been found for Human Connectome Coordination Facility.

No alerts have been found for Human Connectome Coordination Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1095 mentions in open access literature.

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

Sasse L, et al. (2026) Individual identifiability following Procrustes alignment of functional gradients: effect of subspace dimensionality. Communications biology, 9(1), 231.

Read-Tannock J, et al. (2026) Bias in Structural MRI Correlates of Delay Discounting due to Head Motion. Human brain mapping, 47(3), e70474.

Rolls ET, et al. (2026) Visual Cortical Lateralization in Activations and Functional Connectivity to the Sight of Faces, Scenes, Body Parts, and Tools. Human brain mapping, 47(4), e70494.

Luppi AI, et al. (2026) Competitive interactions shape mammalian brain network dynamics and computation. Nature neuroscience, 29(4), 915.

Kosteletou-Kassotaki E, et al. (2026) A Direct Auditory Subcortical Route to the Amygdala Associated with Fear in Humans. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(15).

Li H, et al. (2026) Performance of a GPU- and time-efficient pseudo-3D network for magnetic resonance image super-resolution and motion artifact reduction. Scientific reports, 16(1).

Fernandez DA, et al. (2026) Brain Structure and Substance Use: Disentangling Risk, Exposure, and Drug-Specific Effects. medRxiv : the preprint server for health sciences.

Luo J, et al. (2026) Tract-explainable and underexplained synchrony play complementary roles in the functional organization of the brain. bioRxiv : the preprint server for biology.

Zhang R, et al. (2026) Sex differences in activations to the sight of faces, scenes, body parts and tools in visual and non-visual cortical regions leading to the human hippocampus. Biology of sex differences, 17(1).

Fang CZ, et al. (2026) Regional reconfiguration of functional brain networks during childhood and adolescence: evaluating age and sex effect. bioRxiv : the preprint server for biology.

Deco G, et al. (2026) A canary in the mind: A single baseline brain scan predicts adolescent depression and anxiety one year later. medRxiv : the preprint server for health sciences.

Kong X, et al. (2026) Arousal modulates functional connectivity through structured and hemispherically asymmetric community architecture during wakefulness. eLife, 15.

Hu H, et al. (2026) Variations of global brain asymmetry are associated with aging and related diseases. Science advances, 12(27), eadu9309.

Huang J, et al. (2026) Convergent and Divergent Connectivity Patterns of the Arcuate Fasciculus in Macaques and Humans. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(13), e14352.

van den Heuvel MP, et al. (2026) Investigating the methodological foundation of lesion network mapping. Nature neuroscience, 29(5), 1237.

Yuan C, et al. (2026) Neuroimaging Correlates of the NIH Toolbox Cognition and Trail Making Tests: Normative Benchmarks in Healthy Aging. Clinical and translational neuroscience, 10(1).

Batta I, et al. (2026) Conditioned Graph Reconstruction of Brain Functional Network Connectivity Reveals Interpretable Latent Axes of Sex and Fluid Intelligence. bioRxiv : the preprint server for biology.

Simayi R, et al. (2026) Sleep loss induces cholesterol-associated myelin dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 123(4), e2523438123.

Xu R, et al. (2026) Functional fingerprinting for the developing brain using deep metric learning. Imaging neuroscience (Cambridge, Mass.), 4.

Schettini E, et al. (2026) Effects of working memory and reward reactivity on externalizing behaviors in the ABCD study. Developmental cognitive neuroscience, 80, 101743.