Resource Summary Report

Generated by NIF on Apr 20, 2025

Rhesus Macaque Atlases for Functional and Structural Imaging Studies

RRID:SCR_008650
Type: Tool

Proper Citation

Rhesus Macaque Atlases for Functional and Structural Imaging Studies (RRID:SCR_008650)

Resource Information

URL: http://brainmap.wisc.edu/monkey.html

Proper Citation: Rhesus Macaque Atlases for Functional and Structural Imaging Studies (RRID:SCR_008650)

Description: NO LONGER AVAILABLE. Documented on September 17, 2019. A set of multi-subject atlas templates to facilitate functional and structural imaging studies of the rhesus macaque. These atlases enable alignment of individual scans to improve localization and statistical power of the results, and allow comparison of results between studies and institutions. This population-average MRI-based atlas collection can be used with common brain mapping packages such as SPM or FSL.

Abbreviations: Rhesus Macaque Atlases

Resource Type: atlas, data or information resource

Defining Citation: PMID:19059346

Keywords: magnetic resonance imaging, macaca mulatta, neuroscience, rhesus macaque, structure, neuroimaging, t1-weighted atlas, t2-weighted atlas, mri, brain, neuroanatomy

Related Condition: Aging

Funding: Intramural Research Program ;
NCRR RR000167;
NIA AG11915;
NIA AG20013;

NIGMS GM007507;
NCRR RR00163;
NIA AG029612

Availability: NO LONGER AVAILABLE

Resource Name: Rhesus Macaque Atlases for Functional and Structural Imaging Studies

Resource ID: SCR_008650

Alternate IDs: nif-0000-33003

Record Creation Time: 20220129T080248+0000

Record Last Update: 20250420T015612+0000

Ratings and Alerts

No rating or validation information has been found for Rhesus Macaque Atlases for Functional and Structural Imaging Studies.

No alerts have been found for Rhesus Macaque Atlases for Functional and Structural Imaging Studies.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Touroutoglou A, et al. (2016) A ventral salience network in the macaque brain. NeuroImage, 132, 190.

Miranda-Dominguez O, et al. (2014) Connectotyping: model based fingerprinting of the functional connectome. PloS one, 9(11), e111048.

Kikuchi Y, et al. (2014) Processing of harmonics in the lateral belt of macaque auditory cortex. Frontiers in neuroscience, 8, 204.

Koo BB, et al. (2012) Age-related effects on cortical thickness patterns of the Rhesus monkey brain. Neurobiology of aging, 33(1), 200.e23.

McAndrew RM, et al. (2012) Individualized recording chambers for non-human primate

neurophysiology. Journal of neuroscience methods, 207(1), 86.

Rohlfing T, et al. (2012) The INIA19 Template and NeuroMaps Atlas for Primate Brain Image Parcellation and Spatial Normalization. Frontiers in neuroinformatics, 6, 27.

Woods RP, et al. (2011) A web-based brain atlas of the vervet monkey, Chlorocebus aethiops. NeuroImage, 54(3), 1872.

Ku SP, et al. (2011) fMRI of the face-processing network in the ventral temporal lobe of awake and anesthetized macaques. Neuron, 70(2), 352.

McLaren DG, et al. (2010) Rhesus macaque brain morphometry: a methodological comparison of voxel-wise approaches. Methods (San Diego, Calif.), 50(3), 157.

McLaren DG, et al. (2009) A population-average MRI-based atlas collection of the rhesus macaque. NeuroImage, 45(1), 52.