# Resource Summary Report

Generated by dkNET on Apr 22, 2025

## Brain Explorer Atlas and Teaching Tool

RRID:SCR_013022
Type: Tool

### Proper Citation

Brain Explorer Atlas and Teaching Tool (RRID:SCR_013022)

### Resource Information

**URL:** http://mouse.brain-map.org/static/brainexplorer

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**Description:** Atlas of the brain and the disorders affecting it, aimed at general practitioners and specialists in training. It consists of three main parts: a description of the different parts of the normal brain and their functions, a description of the process of neurological control, and a description of 14 different brain disorders in psychiatry and neurology - as well as their cause, symptoms, and treatment.

**Synonyms:** Brain Explorer

**Resource Type:** data or information resource, training resource, atlas, software resource

**Defining Citation:** PMID:23493964

**Keywords:** neuroanatomy, glossary, human, mouse, brain atlas, neural anatomy

**Funding:**

**Availability:** Free, Available for download, Runs on Windows, Runs on Mac OS

**Resource Name:** Brain Explorer Atlas and Teaching Tool

**Resource ID:** SCR_013022

**Alternate IDs:** nif-0000-00362

**Alternate URLs:** http://brainexplorer.org/

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20250422T055708+0000

## Ratings and Alerts

No rating or validation information has been found for Brain Explorer Atlas and Teaching Tool.

No alerts have been found for Brain Explorer Atlas and Teaching Tool.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 15 mentions in open access literature.

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


Kim CY, et al. (2022) Simultaneous Cellular Imaging, Electrical Recording and Stimulation of Hippocampal Activity in Freely Behaving Mice. Experimental neurobiology, 31(3), 208.

Zhu J, et al. (2021) 1700?nm optical coherence microscopy enables minimally invasive, label-free, in vivo optical biopsy deep in the mouse brain. Light, science & applications, 10(1), 145.

Pauli M, et al. (2021) Targeted volumetric single-molecule localization microscopy of defined presynaptic structures in brain sections. Communications biology, 4(1), 407.

Wang G, et al. (2021) Activation of 6-8-week-old new mature adult-born dentate granule cells contributes to anxiety-like behavior. Neurobiology of stress, 15, 100358.

Carneiro-Nascimento S, et al. (2021) Region- and receptor-specific effects of chronic social stress on the central serotonergic system in mice. IBRO neuroscience reports, 10, 8.

Uezu A, et al. (2019) Essential role for InSyn1 in dystroglycan complex integrity and cognitive behaviors in mice. eLife, 8.

McGuckin Wuertz K, et al. (2019) STING is required for host defense against neuropathological West Nile virus infection. PLoS pathogens, 15(8), e1007899.

Klorig DC, et al. (2019) Optogenetically-Induced Population Discharge Threshold as a Sensitive Measure of Network Excitability. eNeuro, 6(6).

Goubran M, et al. (2019) Multimodal image registration and connectivity analysis for

integration of connectomic data from microscopy to MRI. Nature communications, 10(1), 5504.

Pho GN, et al. (2018) Task-dependent representations of stimulus and choice in mouse parietal cortex. Nature communications, 9(1), 2596.

Anacker C, et al. (2018) Hippocampal neurogenesis confers stress resilience by inhibiting the ventral dentate gyrus. Nature, 559(7712), 98.

Michetti C, et al. (2017) The PRRT2 knockout mouse recapitulates the neurological diseases associated with PRRT2 mutations. Neurobiology of disease, 99, 66.

Peyrache A, et al. (2017) Transformation of the head-direction signal into a spatial code. Nature communications, 8(1), 1752.

Lei R, et al. (2015) Carbon Ion Irradiated Neural Injury Induced the Peripheral Immune Effects in Vitro or in Vivo. International journal of molecular sciences, 16(12), 28334.

Commons KG, et al. (2015) Two major network domains in the dorsal raphe nucleus. The Journal of comparative neurology, 523(10), 1488.