Resource Summary Report

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MRC Cognition and Brain Sciences Unit

RRID:SCR_003818
Type: Tool

Proper Citation

MRC Cognition and Brain Sciences Unit (RRID:SCR_003818)

Resource Information

URL: http://www.mrc-cbu.cam.ac.uk/

Proper Citation: MRC Cognition and Brain Sciences Unit (RRID:SCR_003818)

Description: Unit studying human cognition and the brain with about 90 researchers and postgraduate students investigating topics such as attention, emotion, language and memory. They are developing new treatments for depression, improving hearing through cochlear implants, and helping children to overcome memory problems. With a large collection of scientists engaged in both basic and translational research on the mind and brain, the Unit provides an exceptional training and academic environment that benefits postgraduate students and researchers at all levels. A significant part of their research makes use of brain imaging and they have excellent on-site facilities for magnetic resonance imaging (MRI) magnetoencephalography (MEG) and electroencephalography (EEG). They also have clinical facilities at Addenbrooke's Hospital. The Unit has close links both with the hospital and with Cambridge University.

Abbreviations: CBU

Synonyms: Cognition and Brain Sciences Unit

Resource Type: portal, organization portal, department portal, data or information resource

Keywords: cognition, attention, language, memory, emotion, behavior, neuroimaging, computer modelling, brain, depressive disorder, hearing, cochlear implant, child, clinical, mri, magnetoencephalography, eeg, ear, cochlea

Funding: MRC

Resource Name: MRC Cognition and Brain Sciences Unit

Resource ID: SCR_003818

Alternate IDs: nlx_158118, grid.415036.5, Wikidata: Q5141152, ISNI: 0000 0001 2177 2032

Alternate URLs: https://ror.org/055bpw879

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250417T065147+0000

Ratings and Alerts

No rating or validation information has been found for MRC Cognition and Brain Sciences Unit.

No alerts have been found for MRC Cognition and Brain Sciences Unit.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Mistica M, et al. (2024) A natural language model to automate scoring of autobiographical memories. Behavior research methods, 56(7), 6707.

Roger E, et al. (2023) When Age Tips the Balance: a Dual Mechanism Affecting Hemispheric Specialization for Language. bioRxiv : the preprint server for biology.

Schwartenbeck P, et al. (2023) Generative replay underlies compositional inference in the hippocampal-prefrontal circuit. Cell, 186(22), 4885.

Noonan MP, et al. (2014) A neural circuit covarying with social hierarchy in macaques. PLoS biology, 12(9), e1001940.

Spreckelmeyer KN, et al. (2013) Neural activation during anticipation of opposite-sex and same-sex faces in heterosexual men and women. NeuroImage, 66, 223.

Schlochtermeier L, et al. (2011) Childhood methylphenidate treatment of ADHD and response to affective stimuli. European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology, 21(8), 646.

Nagels A, et al. (2011) Neural correlates of S-ketamine induced psychosis during overt continuous verbal fluency. NeuroImage, 54(2), 1307.

Osnes B, et al. (2011) Increased activation in superior temporal gyri as a function of increment in phonetic features. Brain and language, 116(2), 97.

Kircher T, et al. (2011) Neural correlates of rhyming vs. lexical and semantic fluency. Brain research, 1391, 71.

Lindín M, et al. (2010) On the characterization of the spatio-temporal profiles of brain activity associated with face naming and the tip-of-the-tongue state: a magnetoencephalographic (MEG) study. Neuropsychologia, 48(6), 1757.

Rademacher L, et al. (2010) Dissociation of neural networks for anticipation and consumption of monetary and social rewards. NeuroImage, 49(4), 3276.

Sass K, et al. (2009) Lion - tiger - stripes: Neural correlates of indirect semantic priming across processing modalities. NeuroImage, 45(1), 224.

Spengler S, et al. (2009) Was it me or was it you? How the sense of agency originates from ideomotor learning revealed by fMRI. NeuroImage, 46(1), 290.

Ströhle A, et al. (2008) Reward anticipation and outcomes in adult males with attention-deficit/hyperactivity disorder. NeuroImage, 39(3), 966.

Sachs O, et al. (2008) Automatic processing of semantic relations in fMRI: neural activation during semantic priming of taxonomic and thematic categories. Brain research, 1218, 194.

Meltzer JA, et al. (2008) Biphasic hemodynamic responses influence deactivation and may mask activation in block-design fMRI paradigms. Human brain mapping, 29(4), 385.

Ferstl EC, et al. (2008) The extended language network: a meta-analysis of neuroimaging studies on text comprehension. Human brain mapping, 29(5), 581.

Möttönen R, et al. (2006) Perceiving identical sounds as speech or non-speech modulates activity in the left posterior superior temporal sulcus. NeuroImage, 30(2), 563.

Hunt A, et al. (2006) CSF tau protein and FDG PET in patients with aging-associated cognitive decline and Alzheimer's disease. Neuropsychiatric disease and treatment, 2(2), 207.

Elfgren C, et al. (2006) fMRI activity in the medial temporal lobe during famous face processing. NeuroImage, 30(2), 609.