

Resource Summary Report

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UCL Motor Control Group

RRID:SCR_005271

Type: Tool

Proper Citation

UCL Motor Control Group (RRID:SCR_005271)

Resource Information

URL: <http://www.icn.ucl.ac.uk/motorcontrol/>

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Description: Using robotic devices to investigate human motor behavior, this group develops computational models to understand the underlying control and learning processes. By simulating novel objects or dynamic environments they study how the brain recalibrates well-learned motor skills or acquires new ones. These insights are used to design fMRI studies to investigate how these processes map onto the brain. They have developed a number of novel techniques of how to study motor control in the MRI environment, and how to analyze MRI data of the human cerebellum. They also study patients with stroke or neurological disease to further determine how the brain manages to control the body.

Abbreviations: Motor Control Group

Resource Type: topical portal, portal, data or information resource

Keywords: motor cortex, motor control, brain, human, neurological disease, stroke, fmri, cerebellum, mri

Related Condition: Neurological disease, Stroke

Funding: Marie-Curie Program ;
Wellcome Trust ;
James S. McDonnell Foundation ;
BBSRC

Resource Name: UCL Motor Control Group

Resource ID: SCR_005271

Alternate IDs: nlx_144299

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260805T044119+0000

Ratings and Alerts

No rating or validation information has been found for UCL Motor Control Group.

No alerts have been found for UCL Motor Control Group.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Reetz K, et al. (2012) Investigating function and connectivity of morphometric findings--exemplified on cerebellar atrophy in spinocerebellar ataxia 17 (SCA17). NeuroImage, 62(3), 1354.