

Resource Summary Report

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RodentJoystick

RRID:SCR_023482

Type: Tool

Proper Citation

RodentJoystick (RRID:SCR_023482)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/rodentjoystick/>

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Description: Project features single board real time input/output system including touch sensing joysticks to quantify mouse forelimb trajectories with micron millisecond spatiotemporal resolution, which resolves mouse forelimb kinematics and further allows extraction of primitives. Joystick increases spatial precision, and reduces displacement force. Joystick is then integrated into automated home cage system to train mice in center out reach task.

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

Defining Citation: [PMID:30540551](#)

Keywords: OpenBehavior, touch sensing joysticks, quantify mouse forelimb trajectories, micron millisecond spatiotemporal resolution, mouse forelimb kinematics, instrument

Availability: Free, Freely available

Resource Name: RodentJoystick

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Alternate URLs: <https://github.com/GoldbergLab/RodentJoystick/wiki>

Record Creation Time: 20230421T050214+0000

Record Last Update: 20260829T182905+0000

Ratings and Alerts

No rating or validation information has been found for RodentJoystick.

No alerts have been found for RodentJoystick.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.