Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

USVCAM

RRID:SCR_022747
Type: Tool

Proper Citation

USVCAM (RRID:SCR_022747)

Resource Information

URL: https://github.com/MatsumotoJ/usvcam

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Description: Open source acoustic camera system for measuring ultrasound communication in rodents. System includes small phased microphone array combined with camera and comprises USV segmentation algorithms with modification for overlapping vocalizations that results in high accuracy. Enables simpler and faster USV localization and assignment.

Synonyms: USVCAM project, ultrasonic vocalizations camera

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

Defining Citation: PMID:35982786

Keywords: OpenBehavior, instrument, acoustic camera system, measuring ultrasound communication in rodents

Availability: Free, Freely available

Resource Name: USVCAM

Resource ID: SCR_022747

Alternate URLs: https://edspace.american.edu/openbehavior/?s=USVCAM

Record Creation Time: 20220916T050153+0000

Record Last Update: 20260731T043134+0000

Ratings and Alerts

No rating or validation information has been found for USVCAM.

No alerts have been found for USVCAM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.