Resource Summary Report

Generated by dkNET on Apr 29, 2025

FaceMap

RRID:SCR_021513
Type: Tool

Proper Citation

FaceMap (RRID:SCR_021513)

Resource Information

URL: https://github.com/MouseLand/facemap

Proper Citation: FaceMap (RRID:SCR_021513)

Description: Software toolbox for unsupervised video analysis of rodent behavior.Used for videographic processing of head fixed rodent behavior.

Resource Type: data analysis software, data processing software, software resource, software application

Keywords: Unsupervised video analysis, rodent behavior, videographic processing, head fixed rodent behavior, head fixed rodent, OpenBehavior

Funding:

Availability: Free, Available for download, Freely Available

Resource Name: FaceMap

Resource ID: SCR_021513

Alternate URLs: https://edspace.american.edu/openbehavior/project/facemap/

License: GNU General Public License

Record Creation Time: 20220129T080356+0000

Record Last Update: 20250429T060103+0000

Ratings and Alerts

No rating or validation information has been found for FaceMap.

No alerts have been found for FaceMap.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Ghanayim A, et al. (2025) VTA projections to M1 are essential for reorganization of layer 2-3 network dynamics underlying motor learning. Nature communications, 16(1), 200.

Ratliff JM, et al. (2024) Neocortical long-range inhibition promotes cortical synchrony and sleep. bioRxiv : the preprint server for biology.

Horrocks M, et al. (2024) The serotonergic psychedelic DOI impairs deviance detection in the auditory cortex. bioRxiv : the preprint server for biology.

Harmon TC, et al. (2024) Vocalization modulates the mouse auditory cortex even in the absence of hearing. Cell reports, 43(8), 114611.

Pierré A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(38).

Liu J, et al. (2023) The Secondary Motor Cortex-striatum Circuit Contributes to Suppressing Inappropriate Responses in Perceptual Decision Behavior. Neuroscience bulletin, 39(10), 1544.

Collins L, et al. (2023) Cholinergic and noradrenergic axonal activity contains a behavioral-state signal that is coordinated across the dorsal cortex. eLife, 12.

Bugeon S, et al. (2022) A transcriptomic axis predicts state modulation of cortical interneurons. Nature, 607(7918), 330.

Renard A, et al. (2022) Olfactory modulation of barrel cortex activity during active whisking and passive whisker stimulation. Nature communications, 13(1), 3830.

Nunez-Elizalde AO, et al. (2022) Neural correlates of blood flow measured by ultrasound. Neuron, 110(10), 1631.

Nestvogel DB, et al. (2022) Visual thalamocortical mechanisms of waking state-dependent

activity and alpha oscillations. Neuron, 110(1), 120.

Lee JJ, et al. (2022) Task specificity in mouse parietal cortex. Neuron, 110(18), 2961.

Stringer C, et al. (2021) High-precision coding in visual cortex. Cell, 184(10), 2767.

Kondo M, et al. (2021) Neuronal representations of reward-predicting cues and outcome history with movement in the frontal cortex. Cell reports, 34(5), 108704.