# **Resource Summary Report**

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# **MountainSort**

RRID:SCR\_017446 Type: Tool

## **Proper Citation**

MountainSort (RRID:SCR\_017446)

#### **Resource Information**

URL: https://github.com/flatironinstitute/mountainsort

Proper Citation: MountainSort (RRID:SCR\_017446)

Description: Neurophysiological spike sorting software.

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

Keywords: Neurophysiological, spike, sorting, BRAIN Initiative

Funding: NINDS NS090537

Availability: Free, Available for download, Freely available

Resource Name: MountainSort

Resource ID: SCR\_017446

Record Creation Time: 20220129T080335+0000

Record Last Update: 20250513T061851+0000

#### **Ratings and Alerts**

No rating or validation information has been found for MountainSort.

No alerts have been found for MountainSort.

## Data and Source Information

#### **Usage and Citation Metrics**

We found 12 mentions in open access literature.

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

van der Goes MH, et al. (2024) Coordinated head direction representations in mouse anterodorsal thalamic nucleus and retrosplenial cortex. eLife, 13.

Symanski CA, et al. (2022) Rhythmic coordination and ensemble dynamics in the hippocampal-prefrontal network during odor-place associative memory and decision making. eLife, 11.

Widloski J, et al. (2022) Flexible rerouting of hippocampal replay sequences around changing barriers in the absence of global place field remapping. Neuron, 110(9), 1547.

Skyberg R, et al. (2022) Coarse-to-fine processing drives the efficient coding of natural scenes in mouse visual cortex. Cell reports, 38(13), 110606.

Karalis N, et al. (2022) Breathing coordinates cortico-hippocampal dynamics in mice during offline states. Nature communications, 13(1), 467.

Tanabe S, et al. (2022) Strong tuning for stereoscopic depth indicates orientation-specific recurrent circuitry in tree shrew V1. Current biology : CB, 32(24), 5274.

Strohl JJ, et al. (2021) Framework for automated sorting of neural spikes from Neuralynxacquired tetrode recordings in freely-moving mice. Bioelectronic medicine, 7(1), 17.

Khanna P, et al. (2021) Low-frequency stimulation enhances ensemble co-firing and dexterity after stroke. Cell, 184(4), 912.

Prince SM, et al. (2021) Alzheimer's pathology causes impaired inhibitory connections and reactivation of spatial codes during spatial navigation. Cell reports, 35(3), 109008.

Dudok B, et al. (2021) Recruitment and inhibitory action of hippocampal axo-axonic cells during behavior. Neuron, 109(23), 3838.

Sosa M, et al. (2020) Dorsal and Ventral Hippocampal Sharp-Wave Ripples Activate Distinct Nucleus Accumbens Networks. Neuron, 105(4), 725.

Joo HR, et al. (2019) A microfabricated, 3D-sharpened silicon shuttle for insertion of flexible electrode arrays through dura mater into brain. Journal of neural engineering, 16(6), 066021.