Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

IronClust

RRID:SCR_018903
Type: Tool

Proper Citation

IronClust (RRID:SCR_018903)

Resource Information

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

Proper Citation: IronClust (RRID:SCR_018903)

Description: Spike sorting software for multi day recordings from high channel count probes during electrophysiology experiments.

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

Keywords: Spike sorting, electrophysiology experiment recording, high channel count probe, electrophysiology recording

Availability: Free, Available for download, Freely available

Resource Name: IronClust

Resource ID: SCR_018903

License: Apache License 2.0

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260728T043555+0000

Ratings and Alerts

No rating or validation information has been found for IronClust.

No alerts have been found for IronClust.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Li S, et al. (2025) Flexible Use of Limited Resources for Sequence Working Memory in Macaque Prefrontal Cortex. Nature communications, 16(1), 10386.

Efron B, et al. (2025) Detection and neural encoding of whisker-generated sounds in mice. Current biology : CB, 35(6), 1211.

Pachitariu M, et al. (2024) Spike sorting with Kilosort4. Nature methods, 21(5), 914.

Moore DD, et al. (2024) A dynamic subset of network interactions underlies tuning to natural movements in marmoset sensorimotor cortex. Nature communications, 15(1), 10517.

Fenk LA, et al. (2024) Central pattern generator control of a vertebrate ultradian sleep rhythm. Nature, 636(8043), 681.

Fenk LA, et al. (2023) Interhemispheric competition during sleep. Nature, 616(7956), 312.

Garcia S, et al. (2022) How Do Spike Collisions Affect Spike Sorting Performance? eNeuro, 9(5).