

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## SpikeInterface

RRID:SCR\_021150

Type: Tool

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### Proper Citation

SpikeInterface (RRID:SCR\_021150)

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### Resource Information

**URL:** <https://spikeinterface.readthedocs.io>

**Proper Citation:** SpikeInterface (RRID:SCR\_021150)

**Description:** Software tool as unified framework for spike sorting. Python framework to unify preexisting spike sorting technologies into single codebase and to facilitate straightforward comparison and adoption of different approaches. Used to reproducibly run, compare, and benchmark most modern spike sorting algorithms; pre-process, post-process, and visualize extracellular datasets; validate, curate, and export sorting outputs.

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

**Defining Citation:** [PMID:33170122](#)

**Keywords:** Spike sorting, Python framework, unify preexisting spike sorting, single codebase, spike sorting algorithms

**Funding:** Wellcome Trust ;  
ETH Zurich Postdoctoral Fellowship ;  
University of Oslo ;  
Norwegian Ministry of Education ;  
Research and Church Affairs ;  
University of Edinburgh

**Availability:** Free, Available for download, Freely available

**Resource Name:** SpikeInterface

**Resource ID:** SCR\_021150

**Alternate URLs:** <https://www.nwb.org/tools/>,  
<https://github.com/SpikeInterface/spikeinterface/blob/master/doc/index.rst>

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260804T043733+0000

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## Ratings and Alerts

No rating or validation information has been found for SpikeInterface.

No alerts have been found for SpikeInterface.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Tatarakis A, et al. (2025) Requirements for establishment and epigenetic stability of mammalian heterochromatin. Molecular cell, 85(18), 3388.

Köhler CA, et al. (2024) Facilitating the Sharing of Electrophysiology Data Analysis Results Through In-Depth Provenance Capture. eNeuro, 11(6).

Stempel AV, et al. (2024) Tonically active GABAergic neurons in the dorsal periaqueductal gray control instinctive escape in mice. Current biology : CB, 34(13), 3031.