

# Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

## NeuroScope

RRID:SCR\_002455

Type: Tool

---

### Proper Citation

NeuroScope (RRID:SCR\_002455)

---

### Resource Information

**URL:** <http://www.nitrc.org/projects/neuroscope/>

**Proper Citation:** NeuroScope (RRID:SCR\_002455)

**Description:** An advanced viewer for electrophysiological and behavioral data: it can display local field potentials (EEG), neuronal spikes, behavioral events, as well as the position of the animal in the environment. It also features limited editing capabilities.

**Abbreviations:** NeuroScope

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

**Defining Citation:** [PMID:16580733](#)

**Keywords:** eeg, meg, electrocorticography, behavior, neuronal spike, behavioral event, edit

**Availability:** Free, Freely available

**Resource Name:** NeuroScope

**Resource ID:** SCR\_002455

**Alternate IDs:** nlx\_155828

**License:** GNU General Public License

**Record Creation Time:** 20220129T080213+0000

**Record Last Update:** 20260814T042637+0000

---

### Ratings and Alerts

No rating or validation information has been found for NeuroScope.

No alerts have been found for NeuroScope.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 88 mentions in open access literature.

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

Soma S, et al. (2026) Hierarchical Distribution of Reward Representation in the Cortical and Hippocampal Regions. *eNeuro*, 13(2).

Földi T, et al. (2026) Non-vectorial integration of intersectional short-pulse stimulation enables enhanced deep brain modulation and effective seizure control. *Communications medicine*, 6(1).

Bueno-Junior LS, et al. (2026) Learning and Motivation State Fluctuations from Motoric and Neurophysiologic Metrics during a Somatosensory Task in Mice. *eNeuro*, 13(5).

Wang J, et al. (2025) Cell-type-specific networks during hippocampal seizures at the micro- and macroscale. *Brain : a journal of neurology*, 148(10), 3592.

Boys AJ, et al. (2025) Implantable bioelectronics for gut electrophysiology. *Nature communications*, 16(1), 10240.

Pompili MN, et al. (2025) Adaptive communication between cell assemblies and "reader" neurons shapes flexible brain dynamics. *PLoS biology*, 23(12), e3003505.

Pompili MN, et al. (2025) Ventral Hippocampus Modulates Prefrontal Control of Background Contextual Fear After Cued Extinction. *The European journal of neuroscience*, 62(8), e70287.

Isaacson M, et al. (2025) MouseGoggles: an immersive virtual reality headset for mouse neuroscience and behavior. *Nature methods*, 22(2), 380.

Wisniewski DJ, et al. (2025) Spatial control of doping in conducting polymers enables complementary, conformable, implantable internal ion-gated organic electrochemical transistors. *Nature communications*, 16(1), 517.

Ferrero JJ, et al. (2025) Closed-loop electrical stimulation prevents focal epilepsy progression and long-term memory impairment. *Nature neuroscience*, 28(8), 1753.

Rios A, et al. (2025) Modulation of Hippocampal Sharp-Wave Ripples by Behavioral States and Body Movements in Head-Fixed Rodents. *eNeuro*, 12(7).

Louie S, et al. (2025) Contorted acene ribbons for stable and ultrasensitive neural probes. *Science advances*, 11(14), eadu2356.

Chouvaeff M, et al. (2025) A top-down control of stress-induced REM sleep shortening. *Current biology : CB*, 35(17), 4151.

Miranda M, et al. (2024) Retrieval of contextual memory can be predicted by CA3 remapping and is differentially influenced by NMDAR activity in rat hippocampus subregions. *PLoS biology*, 22(7), e3002706.

Aizawa H, et al. (2024) Potassium Release From the Habenular Astrocytes Induces Depressive-Like Behaviors in Mice. *Glia*.

Dubanet O, et al. (2024) Retrosplenial inputs drive visual representations in the medial entorhinal cortex. *Cell reports*, 43(7), 114470.

González-Pereyra P, et al. (2024) Preconfigured cortico-thalamic neural dynamics constrain movement-associated thalamic activity. *Nature communications*, 15(1), 10185.

Dahal P, et al. (2023) Hippocampal-cortical coupling differentiates long-term memory processes. *Proceedings of the National Academy of Sciences of the United States of America*, 120(7), e2207909120.

Labouesse M, et al. (2023) A non-canonical striatopallidal "Go" pathway that supports motor control. *Research square*.

Malagon-Vina H, et al. (2023) Firing patterns of ventral hippocampal neurons predict the exploration of angiogenic locations. *eLife*, 12.