

Resource Summary Report

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

Spike2 Software

RRID:SCR_000903

Type: Tool

Proper Citation

Spike2 Software (RRID:SCR_000903)

Resource Information

URL: <http://www.ced.co.uk/pru.shtml?spk7wglu.htm>

Proper Citation: Spike2 Software (RRID:SCR_000903)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 23, 2022. A data acquisition and analysis software package for electrophysiology data. Spike2 software offers multi-channel continuous data acquisition and analysis with a multitude of options. This offers flexible usage from a simple chart recorder to complex applications requiring stimulus generation, data capture, scrolling or triggered displays, control of external equipment, and custom analysis. Spike2 software can be used in many fields such as electrophysiology, neurophysiology, cardiovascular and respiratory studies, sports science and pharmacology.

Synonyms: Spike 2 software Cambridge Electronic Device, Spike2

Resource Type: software resource

Keywords: electrophysiology, eeg, neurophysiology, cardiovascular, respiratory, sports science, pharmacology, data acquisition, stimulus generation, data capture, continuous

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Spike2 Software

Resource ID: SCR_000903

Alternate IDs: nlx_156886, rid_000090

Record Creation Time: 20220129T080204+0000

Record Last Update: 20260801T190133+0000

Ratings and Alerts

No rating or validation information has been found for Spike2 Software.

No alerts have been found for Spike2 Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 222 mentions in open access literature.

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

Supple JA, et al. (2026) Species-specific spectral tuning of motion vision in butterflies. Current biology : CB, 36(2), 290.

Zhang H, et al. (2025) Widespread innervation of motoneurons by spinal V3 neurons globally amplifies locomotor output in mice. Cell reports, 44(1), 115212.

Zaforas M, et al. (2025) Graphene oxide scaffolds promote functional improvements mediated by scaffold-invading axons in thoracic transected rats. Bioactive materials, 47, 32.

Basha D, et al. (2025) The reuniens nucleus of the thalamus facilitates hippocampo-cortical dialogue during sleep. eLife, 12.

Soma S, et al. (2025) Channel synapse mediates neurotransmission of airway protective chemoreflexes. Cell, 188(10), 2687.

Griswold SV, et al. (2025) Premature vision drives aberrant development of response properties in primary visual cortex. eLife, 14.

El-Fayomi L, et al. (2025) Toward biomimetic optogenetics: Drug-free activation of acute opiate reward. iScience, 28(10), 113465.

Rolle K, et al. (2025) VIP interneuron activity during sleep conveys the cortical infraslow oscillation. Cell reports, 44(12), 116669.

Mellbin A, et al. (2025) Protocol for extracting and evaluating activity distributions in rat electrocorticograms with principal component analysis and k-nearest neighbor. STAR protocols, 6(3), 104041.

Tyurikova O, et al. (2025) Astrocyte Kir4.1 expression level territorially controls excitatory transmission in the brain. Cell reports, 44(2), 115299.

He W, et al. (2025) Activation of glutamatergic neurons in the organum vasculosum of the lamina terminalis induces thirst-driven sniffing. Cell reports, 44(2), 115254.

Dussol M, et al. (2025) Contribution of peripheral and central delta opioid receptors in the relief of migraine-like headache in female and male rats. *British journal of pharmacology*, 182(18), 4380.

del Angel M, et al. (2025) The Serine/Threonine Kinase NDR2 Regulates Integrin Signaling, Synapse Formation, and Synaptic Plasticity in the Hippocampus. *Journal of neurochemistry*, 169(6), e70094.

Zhao X, et al. (2025) Short-term social isolation acts on hypothalamic neurons to promote social behavior in a sex- and context-dependent manner. *eLife*, 13.

Lakemeyer M, et al. (2025) A *Bacteroides fragilis* protease activates host PAR2 to induce intestinal pain and inflammation. *Cell host & microbe*.

Ducrocq GP, et al. (2025) GsMTx-4 inhibits the exercise pressor reflex and the muscle mechanoreflex primarily through TRPC inhibition. *The Journal of physiology*.

Kalogeropoulos K, et al. (2025) K⁺ channels as key modulators of in vitro high-frequency oscillations associated with interictal epileptiform activity. *Neuroscience*, 589, 84.

Mahrous AA, et al. (2025) Pharmacological blocking of spinal GABAA receptors in monkeys reduces sensory transmission to the spinal cord, thalamus, and cortex. *Cell reports*, 44(1), 115100.

Li L, et al. (2025) Selective loss of Scn2a in ventral tegmental area dopaminergic neurons leads to dopamine system hypofunction and autistic-like behaviors. *Neuron*.

Woller P, et al. (2025) Altered PI3K/mTOR Signaling within the Forebrain Leads to Respiratory Deficits in a Mouse Model of Epilepsy. *eNeuro*, 12(12).