

Resource Summary Report

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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: 20260912T195516+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 239 mentions in open access literature.

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

Deng S, et al. (2026) Astrocyte cell volume dynamics across cortical states and transitions. *Neuron*.

Sokoloff G, et al. (2026) Twitching in sleeping premature infants provides a sensitive behavioral assay of early motor control. *iScience*, 29(6), 115878.

López-Córdoba G, et al. (2026) Electrophysiological evidence about sexual dimorphism in the clonidine-induced inhibition of trigeminal wide dynamic range cell activity. *The journal of headache and pain*, 27(1).

Hao Y, et al. (2026) Circuit Mechanisms Underlying the Contribution of Leptin Receptor-Expressing Neurons in the Nucleus Tractus Solitarius to Ventilatory Homeostasis. *Neuroscience bulletin*.

García-Peña P, et al. (2026) Slow-wave-modulated high-frequency oscillations reveal early network abnormalities in pre-pathological 5XFAD mice. *Neurobiology of disease*, 227, 107484.

Prokop M, et al. (2026) An artefact-resilient wide bandwidth bidirectional graphene neural interface. *Nature communications*, 17(1).

Pinto-Pardo N, et al. (2026) The contribution of dorsal horn cyclin-dependent kinase 5 (CDK5) to the initiation and maintenance of chronic pain is defined by the nature of injury. *British journal of pharmacology*.

Tang T, et al. (2026) Ribosomal Profiling of the Geniculate Ganglion Identifies the Receptor ALK as Critical for the Development and Maintenance of Oral Sensory Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 46(14).

Davis MN, et al. (2026) Parvalbumin Neuron-Targeted Loss of Alzheimer's Disease Risk Gene BIN1 Is Insufficient to Drive Cognitive or Network Excitability Changes. *eNeuro*, 13(3).

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

Guillaumin A, et al. (2026) Dorsal Raphe VIP Neurons Are Critical for Survival-Oriented Vigilance. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(18), e23809.

Ducrocq GP, et al. (2026) Myophosphorylase Knock Out Prevents the Exaggerated Exercise Pressor Reflex in Rats With Simulated Peripheral Artery Disease. *Acta physiologica* (Oxford, England), 242(3), e70172.

Rotterman TM, et al. (2026) Protocol for direct in vivo evaluation of the stretch reflex in adult mice. *STAR protocols*, 7(2), 104622.

Harris AL, et al. (2026) Whole brain fluorescence imaging in *Drosophila* reveals spreading depolarization and its initiation, propagation, and resilience dynamics. *iScience*, 29(7), 116389.

Oliver TE, et al. (2026) Autonomic control of cardiac rhythm at the onset of muscle metaboreflex activation following exercise in healthy young and old adults. *Physiological reports*, 14(13), e71009.

Niethard N, et al. (2026) Sleep spindles promote hippocampal network downregulation during sleep. *Current biology : CB*, 36(6), 1385.

Wang L, et al. (2026) A genetically encoded fluorescent sensor for monitoring spatiotemporal prostaglandin E2 dynamics in vivo. *Neuron*, 114(11), 1922.

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

Holt AG, et al. (2025) Otolith Irregular Fiber Stimulation Elicits a Rostro-Caudal Activity Gradient in the Vestibular Nuclear Complex and Both Direct and Indirect Afferent Pathways of the Vestibulocerebellum. *The Journal of comparative neurology*, 533(5), e70059.

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