

Resource Summary Report

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Signal

RRID:SCR_014276

Type: Tool

Proper Citation

Signal (RRID:SCR_014276)

Resource Information

URL: <http://ced.co.uk/products/signal>

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Description: A sweep-based data acquisition and analysis software package. Its uses range from a simple storage oscilloscope to complex applications requiring stimulus generation, data capture, control of external equipment and custom analysis. A built-in script language automates tasks and provides additional tools for custom analyses and applications. Signal includes functions for specific application areas, including dynamic clamp, whole cell and patch clamp electrophysiology, and evoked response including control of magnetic and other stimulus devices. Video tutorials and a demo version of Signal is available on the main page.

Resource Type: data acquisition software, data analysis software, software application, software resource, data processing software

Keywords: sweep based, data acquisition software, data analysis software,

Availability: Pay for product

Resource Name: Signal

Resource ID: SCR_014276

License URLs: <http://ced.co.uk/img/TCSale.pdf>

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260811T043459+0000

Ratings and Alerts

No rating or validation information has been found for Signal.

No alerts have been found for Signal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 737 mentions in open access literature.

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

Edelen MO, et al. (2025) Development of an ultra-short measure of eight domains of health-related quality of life for research and clinical care: the patient-reported outcomes measurement information system® PROMIS®-16 profile. *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*, 34(1), 3.

Cardellicchio P, et al. (2025) Level of M1 GABAB predicts micro offline consolidation of motor learning during wakefulness. *NPJ science of learning*, 10(1), 10.

Canori C, et al. (2025) If you blink at me, I'll blink back. Domestic dogs' feedback to conspecific visual cues. *Royal Society open science*, 12(2), 241703.

Bogard AT, et al. (2025) Intermittent hypoxia-induced enhancements in corticospinal excitability predict gains in motor learning and metabolic efficiency. *Scientific reports*, 15(1), 6614.

Jani C, et al. (2025) VPS18 contributes to phagosome membrane integrity in *Mycobacterium tuberculosis*-infected macrophages. *Science advances*, 11(5), eadr6166.

Smahel M, et al. (2025) Spatial immune heterogeneity in a mouse tumor model after immunotherapy. *Cancer science*, 116(3), 622.

Correa Córdoba S, et al. (2025) A data-integrative modeling approach accurately characterizes the effects of mutations on *Arabidopsis* lipid metabolism. *Plant physiology*, 197(2).

Foglia SD, et al. (2025) Repetitive Transcranial Magnetic Stimulation for the Treatment of Complex Regional Pain Syndrome: A Pilot Study. *Journal of pain research*, 18, 367.

Desai N, et al. (2025) Effects of Low Intensity Focused Ultrasound Stimulation Combined With Functional Electrical Stimulation on Corticospinal Excitability and Upper Extremity Fine Motor Function. *Brain and behavior*, 15(2), e70318.

Bauer I, et al. (2025) Older adults do not consistently overestimate their action opportunities across different settings. *Scientific reports*, 15(1), 4559.

Jones J, et al. (2025) Quality by Design for Preclinical In Vitro Assay Development. *Pharmaceutical statistics*, 24(1), e2430.

Thome C, et al. (2025) Live imaging of excitable axonal microdomains in ankyrin-G-GFP mice. *eLife*, 12.

Kochan SMV, et al. (2024) Enhanced mitochondrial fusion during a critical period of synaptic plasticity in adult-born neurons. *Neuron*, 112(12), 1997.

Einson J, et al. (2024) The impact of genetically controlled splicing on exon inclusion and protein structure. *PloS one*, 19(3), e0291960.

Delahunty ET, et al. (2024) Short-latency afferent inhibition is reduced with cold-water immersion of a limb and remains reduced after removal from the cold stimulus. *Experimental physiology*, 109(11), 1817.

Dornowski M, et al. (2024) The effect of EEG neurofeedback on lowering the stress reaction level depending on various stressors on the biochemical, muscular and psychomotor sphere: A preliminary randomized study. *Medicine*, 103(5), e37042.

De Doncker W, et al. (2024) Lesioned hemisphere-specific phenotypes of post-stroke fatigue emerge from motor and mood characteristics in chronic stroke. *European journal of neurology*, 31(3), e16170.

Boran HE, et al. (2024) Imagining Speeds up the Effect of Motor Imagery on Central Motor Conduction Time. *Cureus*, 16(10), e71798.

Hill AT, et al. (2024) RELAX-Jr: An Automated Pre-Processing Pipeline for Developmental EEG Recordings. *Human brain mapping*, 45(14), e70034.

Shi H, et al. (2024) Development of innovative multi-epitope mRNA vaccine against central nervous system tuberculosis using in silico approaches. *PloS one*, 19(9), e0307877.