

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## NIRStar

RRID:SCR\_014540

Type: Tool

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### Proper Citation

NIRStar (RRID:SCR\_014540)

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### Resource Information

**URL:** <http://nirx.net/software/>

**Proper Citation:** NIRStar (RRID:SCR\_014540)

**Description:** Commercial software tool designed to function as a multiplatform instrument controlling environment for NIRx products. Its features include the ability to run full or partial sensing configurations, montage views and viewing options, and a real-time system status reporting display.

**Synonyms:** NIRStar - NIRS Acquisition Software by NIRx, NIRStar, NIRS Acquisition Software by NIRx

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

**Keywords:** multiplatform, instrument controlling environment, investigational, paradigm, imaging system, data acquisition software

**Availability:** Commercially available

**Resource Name:** NIRStar

**Resource ID:** SCR\_014540

**Record Creation Time:** 20220129T080321+0000

**Record Last Update:** 20260729T044328+0000

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### Ratings and Alerts

No rating or validation information has been found for NIRStar.

No alerts have been found for NIRStar.

## Data and Source Information

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

## Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Muller CO, et al. (2025) Evaluating the effects of multimodal EEG-fNIRS neurofeedback for motor imagery: An experimental platform and study protocol. PloS one, 20(9), e0331177.

Réveillé C, et al. (2025) Trajectories of interbrain synchrony during teamwork: links with team composition and performance. Social cognitive and affective neuroscience, 20(1).

Liao J, et al. (2025) Cortical activity during painful and non-painful stimulation over four lower limb body sites: a functional near-infrared spectroscopy study. Scientific reports, 15(1), 5070.

Chen Y, et al. (2025) An fNIRS hyperscanning dataset on the modulation of synchrony by social relationship during social touch. Scientific data, 12(1), 1975.

Muñoz V, et al. (2025) Sound intensity-dependent cortical activation: implications of the electrical and vascular activity on auditory intensity. Cognitive neurodynamics, 19(1), 88.

Gan L, et al. (2025) A Virtual Reality Force Control Training System on Brain Activation: Functional Near-Infrared Spectroscopy (fNIRS) Study. JMIR serious games, 13, e63874.

Ramacciotti MCC, et al. (2025) Left OFC Activation in Functional Near-Infrared Spectroscopy during an Inhibitory Control Task in an Early Years Sample: Integrating Stress Responses with Cognitive Function and Brain Activation. Developmental neuroscience, 47(2), 81.

Lim M, et al. (2024) Culture, sex and social context influence brain-to-brain synchrony: an fNIRS hyperscanning study. BMC psychology, 12(1), 350.

Healey R, et al. (2024) Impaired motor inhibition during perceptual inhibition in older, but not younger adults: a psychophysiological study. Scientific reports, 14(1), 2023.

M?zrak HG, et al. (2024) Investigation of hemispheric asymmetry in Alzheimer's disease patients during resting state revealed BY fNIRS. Scientific reports, 14(1), 13454.

Yeo SS, et al. (2024) Effects of Transcranial Direct Current Stimulation on Clinical Features of Dizziness and Cortical Activation in a Patient with Vestibular Migraine. Brain sciences, 14(2).

Akila V, et al. (2024) Novel Feature Generation for Classification of Motor Activity from Functional Near-Infrared Spectroscopy Signals Using Machine Learning. Diagnostics (Basel, Switzerland), 14(10).

Zhang J, et al. (2024) Characteristic Changes of Prefrontal and Motor Areas in Patients with Type 2 Diabetes and Major Depressive Disorder During a Motor Task of Tai Chi Chuan: A Functional Near-Infrared Spectroscopy Study. *Brain and behavior*, 14(10), e70071.

Heiland EG, et al. (2024) A randomised crossover trial of nitrate and breakfast on prefrontal cognitive and haemodynamic response functions. *NPJ science of food*, 8(1), 64.

Clemente L, et al. (2024) Exploring Aesthetic Perception in Impaired Aging: A Multimodal Brain-Computer Interface Study. *Sensors (Basel, Switzerland)*, 24(7).

Isaev MR, et al. (2024) A multiple session dataset of NIRS recordings from stroke patients controlling brain-computer interface. *Scientific data*, 11(1), 1168.

Regan C, et al. (2023) Acute effects of nitrate and breakfast on working memory, cerebral blood flow, arterial stiffness, and psychological factors in adolescents: Study protocol for a randomised crossover trial. *PloS one*, 18(5), e0285581.

Muñoz V, et al. (2023) Neurovascular coupling during auditory stimulation: event-related potentials and fNIRS hemodynamic. *Brain structure & function*, 228(8), 1943.

Gentile E, et al. (2023) Effects of movement congruence on motor resonance in early Parkinson's disease. *Scientific reports*, 13(1), 14887.

Heiland EG, et al. (2022) ABBaH teens: Activity Breaks for Brain Health in adolescents: study protocol for a randomized crossover trial. *Trials*, 23(1), 22.