

Resource Summary Report

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NIRStar

RRID:SCR_014540

Type: Tool

Proper Citation

NIRStar (RRID:SCR_014540)

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: data acquisition software, data processing software, software application, software resource

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: 20260905T132748+0000

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 57 mentions in open access literature.

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

Guo J, et al. (2026) Exploring the impact of message framing and physical activity levels on the effectiveness of health communication and its underlying cognitive processes. BMC psychology, 14(1), 166.

Balconi M, et al. (2026) fNIRS Hyperscanning of Negotiation: The Role of Personality and Neural Synchronization. Brain sciences, 16(6).

Réveillé C, et al. (2026) Investigating interbrain synchrony under teamwork disruption: an fNIRS hyperscanning study. Behavioral and brain functions : BBF, 22(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.

Aygun A, et al. (2025) A Multimodal Virtual Reality Data Acquisition Platform and Dataset to Assess Systemic Human Cognitive States. Scientific data, 13(1), 76.

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

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.

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.

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.

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.

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.

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).

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.

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

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

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