Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 30, 2025

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

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

Funding:

Availability: Commercially available

Resource Name: NIRStar

Resource ID: SCR_014540

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250430T055930+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 46 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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.

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.

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

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).

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).

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.

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.

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

Gentile E, et al. (2023) Effects of movement congruence on motor resonance in early

Parkinson's disease. Scientific reports, 13(1), 14887.

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.

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.

La Rocca M, et al. (2022) Effect of Single Session of Anodal M1 Transcranial Direct Current Stimulation-TDCS-On Cortical Hemodynamic Activity: A Pilot Study in Fibromyalgia. Brain sciences, 12(11).

Cho S, et al. (2022) Feasibility study of immersive virtual prism adaptation therapy with depthsensing camera using functional near-infrared spectroscopy in healthy adults. Scientific reports, 12(1), 767.

Gilman JM, et al. (2022) Identification of ?9-tetrahydrocannabinol (THC) impairment using functional brain imaging. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 47(4), 944.

Calmels MN, et al. (2022) Functional Reorganization of the Central Auditory System in Children with Single-Sided Deafness: A Protocol Using fNIRS. Brain sciences, 12(4).

Muñoz V, et al. (2022) Head hemodynamics and systemic responses during auditory stimulation. Physiological reports, 10(13), e15372.

Shibu CJ, et al. (2022) Explainable artificial intelligence model to predict brain states from fNIRS signals. Frontiers in human neuroscience, 16, 1029784.

Kelsey CM, et al. (2021) Gut microbiota composition is associated with newborn functional brain connectivity and behavioral temperament. Brain, behavior, and immunity, 91, 472.