Resource Summary Report

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NordicNeuroLab

RRID:SCR_009632
Type: Tool

Proper Citation

NordicNeuroLab (RRID:SCR_009632)

Resource Information

URL: http://www.nordicneurolab.com

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Description: From state of the art post-processing and visualization software for BOLD, Diffusion / DTI, and Perfusion / DCE imaging to fMRI hardware for audio and visual stimulation, eye tracking, and patient response collection, they provide products and solutions that define the field of functional MR imaging. They are dedicated to bringing the most advanced neuro-imaging tools to market while making functional MRI programs easy to implement. Through collaboration with research and clinical teams from both academic and medical centers, MR system manufacturers, and third party vendors they develop and manufacture hardware and software solutions that meet the needs of very experienced centers while developing training programs to make fMRI easy to adopt for more novice users. Their products are used around the world by researchers and clinicians alike.

Abbreviations: NNL

Resource Type: commercial organization

Keywords: analyze, ascii, dicom, diffusion mr fiber tracking, experiment control, eye tracking, fiber tracking, haemodynamic response, hardware, microsoft, magnetic resonance, nifti, perfusion, physiological recording, scanner, stimulus presentation, temporal curve fitting, temporal transformation, tractography, windows, windows vista, windows xp, fmri, post-processing, visualization, bold, diffusion, dti, perfusion, dce, audio stimulation, visual stimulation, eye tracking, patient response, clinical, eye tracking device

Funding:

Availability: Commercial

Resource Name: NordicNeuroLab

Resource ID: SCR_009632

Alternate IDs: nlx_155905

Alternate URLs: http://www.nitrc.org/projects/nnl

Record Creation Time: 20220129T080254+0000

Record Last Update: 20250410T065852+0000

Ratings and Alerts

No rating or validation information has been found for NordicNeuroLab.

No alerts have been found for NordicNeuroLab.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Isernia S, et al. (2024) Human reasoning on social interactions in ecological contexts: insights from the theory of mind brain circuits. Frontiers in neuroscience, 18, 1420122.

Huynh V, et al. (2023) Intrinsic brain connectivity alterations despite intact pain inhibition in subjects with neuropathic pain after spinal cord injury: a pilot study. Scientific reports, 13(1), 11943.

Spironelli C, et al. (2023) fMRI fluctuations within the language network are correlated with severity of hallucinatory symptoms in schizophrenia. Schizophrenia (Heidelberg, Germany), 9(1), 75.

Reyes-Aguilar A, et al. (2023) Contribution and functional connectivity between cerebrum and cerebellum on sub-lexical and lexical-semantic processing of verbs. PloS one, 18(9), e0291558.

Huynh V, et al. (2022) Descending pain modulatory efficiency in healthy subjects is related to

structure and resting connectivity of brain regions. NeuroImage, 247, 118742.

Charroud C, et al. (2021) Task- and Rest-based Functional Brain Connectivity in Food-related Reward Processes among Healthy Adolescents. Neuroscience, 457, 196.

Huynh V, et al. (2021) Supraspinal nociceptive networks in neuropathic pain after spinal cord injury. Human brain mapping, 42(12), 3733.

Aloufi AE, et al. (2021) Behavioural performance improvement in visuomotor learning correlates with functional and microstructural brain changes. NeuroImage, 227, 117673.

Garbarini F, et al. (2020) Imageability effect on the functional brain activity during a naming to definition task. Neuropsychologia, 137, 107275.

Sinke C, et al. (2020) Sexual cues alter working memory performance and brain processing in men with compulsive sexual behavior. NeuroImage. Clinical, 27, 102308.

Styrkowiec PP, et al. (2019) The neural underpinnings of haptically guided functional grasping of tools: An fMRI study. NeuroImage, 194, 149.

Othman E, et al. (2019) Low intensity white noise improves performance in auditory working memory task: An fMRI study. Heliyon, 5(9), e02444.

Fuentes-Claramonte P, et al. (2019) Shared and differential default-mode related patterns of activity in an autobiographical, a self-referential and an attentional task. PloS one, 14(1), e0209376.

Bierzynska M, et al. (2019) No Risk, No Differences. Neural Correlates of Temperamental Traits Revealed Using Naturalistic fMRI Method. Frontiers in psychology, 10, 1757.

Kim HC, et al. (2019) Deep neural network predicts emotional responses of the human brain from functional magnetic resonance imaging. NeuroImage, 186, 607.

Haugen OH, et al. (2018) Cerebral Functional Magnetic Resonance Imaging and Multifocal Visual Evoked Potentials in a Patient with Unexplained Impairment of Visual Function: A Case Report. Case reports in ophthalmology, 9(2), 269.

Kozasa EH, et al. (2018) Effects of a 7-Day Meditation Retreat on the Brain Function of Meditators and Non-Meditators During an Attention Task. Frontiers in human neuroscience, 12, 222.

Pires FBC, et al. (2018) Self-compassion is associated with less stress and depression and greater attention and brain response to affective stimuli in women managers. BMC women's health, 18(1), 195.

D'Alberto N, et al. (2018) Individual differences in stop-related activity are inflated by the adaptive algorithm in the stop signal task. Human brain mapping, 39(8), 3263.

Preller KH, et al. (2018) Changes in global and thalamic brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT2A receptor. eLife, 7.