

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

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: 20260808T185923+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 57 mentions in open access literature.

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

Pirastu A, et al. (2026) Beyond GLM: Inter-Subject Variability as a Complementary Approach to Detect Longitudinal Changes in Emotion Processing in Multiple Sclerosis. Journal of imaging, 12(5).

Shahbabaie A, et al. (2026) Multimodal imaging-based targeting approach for network-level brain stimulation. Frontiers in neuroscience, 20, 1803897.

Sand??y LB, et al. (2025) Voxel-based versus network-analysis of changes in brain states in patients with auditory verbal hallucinations using the Eriksen Flanker task. PloS one, 20(3), e0319925.

Abdelmotaleb M, et al. (2025) Identification of Reliable Target Brain Regions for Enhancing Object-Location Memory by Brain Stimulation. Brain and behavior, 15(7), e70658.

Craven AR, et al. (2025) GABA, glutamate dynamics and BOLD observed during cognitive processing in psychosis patients with hallucinatory traits. Scientific reports, 15(1), 19466.

Ballotta D, et al. (2025) Angry facial expressions elicit a late attentional withdrawal. Scientific reports, 15(1), 41632.

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.

- 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.
- 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.
- 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.
- Kim DY, et al. (2022) Electronic Cigarette Vaping Did Not Enhance the Neural Process of Working Memory for Regular Cigarette Smokers. *Frontiers in human neuroscience*, 16, 817538.
- Charroud C, et al. (2021) Task- and Rest-based Functional Brain Connectivity in Food-related Reward Processes among Healthy Adolescents. *Neuroscience*, 457, 196.
- Kazimierczak K, et al. (2021) Combined fMRI Region- and Network-Analysis Reveal New Insights of Top-Down Modulation of Bottom-Up Processes in Auditory Laterality. *Frontiers in behavioral neuroscience*, 15, 802319.
- 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.