Resource Summary Report

Generated by <u>NIF</u> on May 24, 2025

Brain Products

RRID:SCR_009443 Type: Tool

Proper Citation

Brain Products (RRID:SCR_009443)

Resource Information

URL: https://www.brainproducts.com/

Proper Citation: Brain Products (RRID:SCR_009443)

Description: Commercial organization for hardware and software for neurophysiological research. Provides EEG and ERP amplifier systems, EEG recording caps, Data recording and analysis software, TMS Stimulator for combined EEG/TMS coregistrations and more.

Abbreviations: Brain Products GmbH

Resource Type: service resource, material service resource, instrument manufacture, production service resource

Keywords: manufacture, instruments, hardware, software, neurophysiological, research, EEG, ERP, EEG/fMRI, BCI, amplifier, recording, cap, data, analysis, software, TMS, stimulator

Funding:

Resource Name: Brain Products

Resource ID: SCR_009443

Alternate IDs: nlx_155587

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250523T054735+0000

Ratings and Alerts

No rating or validation information has been found for Brain Products.

No alerts have been found for Brain Products.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 94 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Swider-Cios E, et al. (2024) The association of maternal-infant interactive behavior, dyadic frontal alpha asymmetry, and maternal anxiety in a smartphone-adapted still face paradigm. Developmental cognitive neuroscience, 66, 101352.

Sun J, et al. (2024) An ensemble learning model for continuous cognition assessment based on resting-state EEG. npj aging, 10(1), 1.

Höhn C, et al. (2024) Spectral Slope and Lempel-Ziv Complexity as Robust Markers of Brain States during Sleep and Wakefulness. eNeuro, 11(3).

Martínez-Molina MP, et al. (2024) Lateral prefrontal theta oscillations causally drive a computational mechanism underlying conflict expectation and adaptation. Nature communications, 15(1), 9858.

Schmidig FJ, et al. (2024) Episodic long-term memory formation during slow-wave sleep. eLife, 12.

Arikan BE, et al. (2024) Distinct role of central predictive mechanisms in tactile suppression. iScience, 27(8), 110582.

Akil AM, et al. (2024) The relationship between frontal alpha asymmetry and behavioral and brain activity indices of reactive inhibitory control. Journal of neurophysiology, 132(2), 362.

Valdebenito-Oyarzo G, et al. (2024) The parietal cortex has a causal role in ambiguity computations in humans. PLoS biology, 22(1), e3002452.

Whittaker HT, et al. (2024) Information-based rhythmic transcranial magnetic stimulation to accelerate learning during auditory working memory training: a proof-of-concept study. Frontiers in neuroscience, 18, 1355565.

Lv X, et al. (2024) Auditory entrainment coordinates cortical-BNST-NAc triple time locking to alleviate the depressive disorder. Cell reports, 43(8), 114474.

Liang J, et al. (2023) Current and lasting effects of affect labeling on late positive potential (LPP) amplitudes elicited by negative events. Brain and behavior, 13(7), e3065.

Gowik JK, et al. (2023) Source connectivity patterns in the default mode network differ between elderly golf-novices and non-golfers. Scientific reports, 13(1), 6215.

Furstenberg A, et al. (2023) Error monitoring when no errors are possible: Arbitrary freechoice decisions invoke error monitoring processes. iScience, 26(4), 106373.

Guedj C, et al. (2023) Self-Regulation of Attention in Children in a Virtual Classroom Environment: A Feasibility Study. Bioengineering (Basel, Switzerland), 10(12).

Haaf M, et al. (2022) Glycine attenuates impairments of stimulus-evoked gamma oscillations in the ketamine model of schizophrenia. NeuroImage, 251, 119004.

Marcar VL, et al. (2022) Parallel processing in human visual cortex revealed through the influence of their neural responses on the visual evoked potential. Vision research, 193, 107994.

Dzianok P, et al. (2022) The Nencki-Symfonia electroencephalography/event-related potential dataset: Multiple cognitive tasks and resting-state data collected in a sample of healthy adults. GigaScience, 11.

Villwock A, et al. (2022) Event-related potential correlates of visuo-tactile motion processing in congenitally deaf humans. Neuropsychologia, 170, 108209.

Chen XJ, et al. (2022) Contribution of the sensorimotor beta oscillations and the corticobasal ganglia-thalamic circuitry during value-based decision making: A simultaneous EEGfMRI investigation. NeuroImage, 257, 119300.

Conde T, et al. (2022) The time course of emotional authenticity detection in nonverbal vocalizations. Cortex; a journal devoted to the study of the nervous system and behavior, 151, 116.