Resource Summary Report

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OpenViBE

RRID:SCR_014156
Type: Tool

Proper Citation

OpenViBE (RRID:SCR_014156)

Resource Information

URL: http://www.nitrc.org/projects/openvibe

Proper Citation: OpenViBE (RRID:SCR_014156)

Description: A multi-platform software dedicated to designing, testing and using brain-computer interfaces (BCI). OpenViBE is a software for real-time neurosciences that can be used to acquire, filter, process, classify and visualize brain signals in real time.

Resource Type: data visualization software, software resource, data acquisition software, software application, data processing software, software toolkit

Keywords: software toolkit, multi platform, brain computer interface, real time

Availability: Public, Available to the research community

Resource Name: OpenViBE

Resource ID: SCR_014156

Alternate URLs: http://openvibe.inria.fr

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Record Creation Time: 20220129T080319+0000

Record Last Update: 20260728T043435+0000

Ratings and Alerts

No rating or validation information has been found for OpenViBE.

No alerts have been found for OpenViBE.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 97 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Nolte D, et al. (2025) Combining EEG and eye-tracking in virtual reality: Obtaining fixation-onset event-related potentials and event-related spectral perturbations. Attention, perception & psychophysics, 87(1), 207.

Luz María AV, et al. (2025) EEG data of museum visitors experiencing visual and audiovisual simulations of Edzná, an archaeological site in Mexico. Data in brief, 61, 111855.

Stephan K, et al. (2025) The Role of Scalp EEG Recordings During Cortical Visual Prosthesis Testing. Artificial organs, 49(9), 1417.

Decker J, et al. (2025) Nature documentaries vs. quiet rest: no evidence for an impact on event-related desynchronization during motor imagery and neurofeedback. Frontiers in human neuroscience, 19, 1539172.

M-Cam S, et al. (2025) Auditory discrimination improvement in young adults by a digital auditory game-based training protocol. PloS one, 20(10), e0313478.

Mróz K, et al. (2025) Preliminary Electroencephalography-Based Assessment of Anxiety Using Machine Learning: A Pilot Study. Brain sciences, 15(6).

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.

Nolte D, et al. (2025) Investigating Saccade-Onset Locked EEG Signatures of Face Perception during Free-Viewing in a Naturalistic Virtual Environment. eNeuro, 12(9).

Pereira Salgado D, et al. (2025) Protocol for evaluation of a virtual wheelchair simulator in assessing mobility skills and cognitive abilities in diverse populations: A multicentric mixed-methods pilot study. PloS one, 20(6), e0325186.

Chanpornpakdi I, et al. (2025) Partial face visibility and facial cognition: event-related potential and eye tracking investigation. Cognitive neurodynamics, 19(1), 47.

Gupta E, et al. (2025) Response coupling with an auxiliary neural signal for enhancing brain signal detection. Scientific reports, 15(1), 6227.

Aguilera-Rodríguez E, et al. (2025) An EEG-based Imagined Speech Database for comparing Paradigm Designs. Scientific data, 12(1), 1644.

Lakshminarayanan K, et al. (2024) Developing a tablet-based brain-computer interface and robotic prototype for upper limb rehabilitation. PeerJ. Computer science, 10, e2174.

P Salgado D, et al. (2024) WheelSimPhysio-2023 dataset: Physiological and questionnaire-based dataset of immersive multisensory wheelchair simulator from 58 participants. Data in brief, 54, 110535.

Grogan JP, et al. (2024) Muscarinic receptors mediate motivation via preparatory neural activity in humans. eLife, 13.

Charbonnier G, et al. (2024) Grasping rehabilitation using motor imagery with or without neurofeedback after tetraplegia: a study protocol for a bicentric randomised controlled trial. BMJ open, 14(10), e074652.

Corona-González CE, et al. (2024) Psychophysiological evaluation of the Smartick method in children with reading and mathematical difficulties. Frontiers in human neuroscience, 18, 1287544.

Chockboondee M, et al. (2024) Effects of daily listening to 6 Hz binaural beats over one month: an event-related potentials study. Scientific reports, 14(1), 18059.

Jeong CH, et al. (2024) Attentional state-synchronous peripheral electrical stimulation during action observation induced distinct modulation of corticospinal plasticity after stroke. Frontiers in neuroscience, 18, 1373589.

Torres-Torres AS, et al. (2024) EEG signals from tinnitus sufferers at identifying their sound tinnitus. Data in brief, 53, 110142.