Resource Summary Report

Generated by RRID on Apr 10, 2025

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

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

Funding:

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: 20250410T070508+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 84 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

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.

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.

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

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

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.

Obukhov NV, et al. (2023) Real-time assessment of hypnotic depth, using an EEG-based brain-computer interface: a preliminary study. BMC research notes, 16(1), 288.

Dreyer P, et al. (2023) A large EEG database with users' profile information for motor imagery brain-computer interface research. Scientific data, 10(1), 580.

Rimbert S, et al. (2023) Detection of Motor Cerebral Activity After Median Nerve Stimulation During General Anesthesia (STIM-MOTANA): Protocol for a Prospective Interventional Study. JMIR research protocols, 12, e43870.

Farabbi A, et al. (2023) Investigating the impact of visual perspective in a motor imagery-based brain-robot interaction: A pilot study with healthy participants. Frontiers in neuroergonomics, 4, 1080794.

Duville MM, et al. (2023) Autistic traits shape neuronal oscillations during emotion perception under attentional load modulation. Scientific reports, 13(1), 8178.

Noble SC, et al. (2023) Adaptive P300-Based Brain-Computer Interface for Attention Training: Protocol for a Randomized Controlled Trial. JMIR research protocols, 12, e46135.

Zuckerman I, et al. (2023) Offline EEG hyper-scanning using anonymous walk embeddings in tacit coordination games. PloS one, 18(7), e0288822.

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

Barnes CM, et al. (2023) Using wearable technology (closed loop acoustic stimulation) to improve sleep quality and work outcomes. The Journal of applied psychology, 108(8), 1391.

Enz N, et al. (2022) Self-regulation of the brain's right frontal Beta rhythm using a brain-computer interface. Psychophysiology, 59(11), e14115.

Huwiler S, et al. (2022) Effects of auditory sleep modulation approaches on brain oscillatory and cardiovascular dynamics. Sleep, 45(9).

Chinchani AM, et al. (2022) Tracking momentary fluctuations in human attention with a cognitive brain-machine interface. Communications biology, 5(1), 1346.