

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/opencvibe>

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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 acquisition software, data processing software, data visualization software, software application, software resource, 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://opencvibe.inria.fr>

License: GNU Affero General Public License v3

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260905T132743+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

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Bergamo D, et al. (2026) Differential Nap-To-Nap Stability of Sleep Spindles, Slow Waves, and their Temporal Coupling: An Exploratory Study. *Journal of sleep research*, 35(3), e70253.

Zhang Y, et al. (2026) EEG Feature Extraction and Classification for Upper Limb Flexion and Extension Motor Imagery Based on Discriminative Filter Bank Common Spatial Pattern. *Brain sciences*, 16(2).

Lee Y, et al. (2026) EEG dataset of consumer- and research-grade systems. *Scientific data*, 13(1).

Naal-Ruiz NE, et al. (2026) Data on electrophysiological responses and psychological reactions to 3D audio scenes and unpleasant International Affective Picture System images stimulation. *Scientific data*, 13(1).

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.

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

Butet S, et al. (2025) EEG-fMRI neurofeedback versus motor imagery after stroke, a randomized controlled trial. *Journal of neuroengineering and rehabilitation*, 22(1), 67.

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.

Tarara P, et al. (2025) Motor imagery-based brain-computer interfaces: an exploration of multiclass motor imagery-based control for Emotiv EPOC X. *Frontiers in neuroinformatics*, 19, 1625279.

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.

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).

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

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

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.