

# Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

## OpenBMI

RRID:SCR\_016876

Type: Tool

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### Proper Citation

OpenBMI (RRID:SCR\_016876)

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### Resource Information

**URL:** <https://github.com/PatternRecognition/OpenBMI>

**Proper Citation:** OpenBMI (RRID:SCR\_016876)

**Description:** Software package for the development of Brain-Computer Interfaces with advanced pattern recognition algorithms. Used for analyzing brain signals which can be used to acquire, filter, process, classify and visualize brain signals in real time.

**Resource Type:** data analysis software, data processing software, data visualization software, software application, software resource, software toolkit

**Keywords:** brain, computer, interface, analysis, signal, acquire, filter, process, visualize, data

**Availability:** Free, Available for download, Freely available

**Resource Name:** OpenBMI

**Resource ID:** SCR\_016876

**Alternate URLs:** <http://openbmi.org/>

**License:** Apache 3.0

**Record Creation Time:** 20220129T080332+0000

**Record Last Update:** 20260905T132814+0000

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### Ratings and Alerts

No rating or validation information has been found for OpenBMI.

No alerts have been found for OpenBMI.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Li Y, et al. (2025) Utilizing statistical analysis for motion imagination classification in brain-computer interface systems. PloS one, 20(7), e0327121.

Kim JY, et al. (2021) Leaf-inspired homeostatic cellulose biosensors. Science advances, 7(16).

Kanoga S, et al. (2020) Independent Low-Rank Matrix Analysis-Based Automatic Artifact Reduction Technique Applied to Three BCI Paradigms. Frontiers in human neuroscience, 14, 173.

Lee MH, et al. (2019) Robust detection of event-related potentials in a user-voluntary short-term imagery task. PloS one, 14(12), e0226236.

Lee MH, et al. (2019) EEG dataset and OpenBMI toolbox for three BCI paradigms: an investigation into BCI illiteracy. GigaScience, 8(5).