

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

EEGsynth

RRID:SCR_018732

Type: Tool

Proper Citation

EEGsynth (RRID:SCR_018732)

Resource Information

URL: <https://github.com/eegsynth/eegsynth>

Proper Citation: EEGsynth (RRID:SCR_018732)

Description: Open source Python codebase that provides real-time interface between open-hardware devices for electrophysiological recordings like EEG, EMG, and ECG, and analog and digital devices like MIDI, OSC, and analog synthesizers. This allows one to use electrical brain/body activity to flexibly control devices in real-time.

Resource Type: software application, software resource

Keywords: Codebase, electrophysiological recording, interface, analog, digital device, analog synthesizer, device control, electrical brain activity, EEG, EMG, ECG, BCI, Neurofeedback, Biofeedback, Music, MIDI, OSC, Python

Availability: Free, Freely available

Resource Name: EEGsynth

Resource ID: SCR_018732

Alternate URLs: <https://www.eegsynth.org>, <http://pypi.org/project/eegsynth/>

License: GPLv3

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260810T040717+0000

Ratings and Alerts

No rating or validation information has been found for EEGsynth.

No alerts have been found for EEGsynth.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chen P, et al. (2021) Hybrid Harmony: A Multi-Person Neurofeedback Application for Interpersonal Synchrony. *Frontiers in neuroergonomics*, 2, 687108.

Farrugia N, et al. (2021) Beta and Theta Oscillations Correlate With Subjective Time During Musical Improvisation in Ecological and Controlled Settings: A Single Subject Study. *Frontiers in neuroscience*, 15, 626723.