

Resource Summary Report

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Letswave

RRID:SCR_016414

Type: Tool

Proper Citation

Letswave (RRID:SCR_016414)

Resource Information

URL: <https://github.com/NOCIONS/letswave6/wiki/Download-and-setup>

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Description: Open source electroencephalogram (EEG) signal processing toolbox to process and visualise EEG/MEG data and other neurophysiological signals.

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

Keywords: process, visualise, EEG, MEG, data, neurophysiological, signal, brain, neuroscience

Availability: Free, Available for download, Freely available

Resource Name: Letswave

Resource ID: SCR_016414

Alternate URLs: <https://www.letswave.org/>

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260803T040720+0000

Ratings and Alerts

No rating or validation information has been found for Letswave.

No alerts have been found for Letswave.

Data and Source Information

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Qiao Z, et al. (2025) Early threat experiences relate to reduced neural face discrimination in youth with emerging psychiatric symptoms: a frequency-tagging electroencephalography study. *Social cognitive and affective neuroscience*, 20(1).

Nicolardi V, et al. (2025) Taking an embodied avatar's perspective modulates the temporal dynamics of vicarious pain and pleasure: a virtual reality and EEG study. *Social cognitive and affective neuroscience*, 20(1).

Qiao Z, et al. (2025) Implicit neural sensitivity for negatively valued social and non-social visual scenes in young adults exposed to childhood adversity. *Psychological medicine*, 55, e37.

Van den Broeck R, et al. (2025) Social orienting in prematurely born preschoolers: a case control study showing altered neural tuning towards voices, not faces. *Molecular autism*, 16(1), 38.

Li Y, et al. (2025) Temporal dynamics analysis reveals that concurrent working memory load eliminates the Stroop effect through disrupting stimulus-response mapping. *eLife*, 13.

Nicolardi V, et al. (2025) Pain perception in autism. A study of sensory reactivity in children and adolescents with autism using quantitative sensory testing and psychophysiological correlates. *Frontiers in neuroscience*, 19, 1543538.

Lenoir C, et al. (2025) Behavior-Relevant Periodized Neural Representation of Acoustic But Not Tactile Rhythm in Humans. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(46).

Galigani M, et al. (2025) Frequency-tagging EEG reveals spontaneous categorical discrimination of visual self-identity. *iScience*, 28(10), 113562.

Leu C, et al. (2024) Cue-based modulation of pain stimulus expectation: do ongoing oscillations reflect changes in pain perception? A registered report. *Royal Society open science*, 11(6), 240626.

Sarasso P, et al. (2024) Shared attention in virtual immersive reality enhances electrophysiological correlates of implicit sensory learning. *Scientific reports*, 14(1), 3767.

Gong M, et al. (2024) Dissociable Effects of Endogenous and Exogenous Attention on Crowding: Evidence from Event-Related Potentials. *Brain sciences*, 14(10).

Esposito G, et al. (2024) Processing the fine-grained features of tactile textures involves the primary somatosensory cortex. *Imaging neuroscience (Cambridge, Mass.)*, 2.

Quek GL, et al. (2024) Visual periodicity reveals distinct attentional signatures for face and non-face categories. *Cerebral cortex* (New York, N.Y. : 1991), 34(6).

Rekow D, et al. (2024) Olfactory-to-visual facilitation in the infant brain declines gradually from 4 to 12???months. *Child development*, 95(6), 1967.

Fossataro C, et al. (2023) Spatial proximity to others induces plastic changes in the neural representation of the peripersonal space. *iScience*, 26(1), 105879.

Figueira JSB, et al. (2022) The FreqTag toolbox: A principled approach to analyzing electrophysiological time series in frequency tagging paradigms. *Developmental cognitive neuroscience*, 54, 101066.

Ling S, et al. (2019) How are visual words represented? Insights from EEG-based visual word decoding, feature derivation and image reconstruction. *Human brain mapping*, 40(17), 5056.