

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>

Proper Citation: Letswave (RRID:SCR_016414)

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

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

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: 20260811T043540+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 27 mentions in open access literature.

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

Ganea N, et al. (2026) Tracking Visual Statistical Learning with Steady-State Visual Evoked Potentials: Effects of Exemplar and Category Information. *Open mind : discoveries in cognitive science*, 10, 808.

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).

Coulon E, et al. (2025) Neural representation of the musical beat is facilitated but not contingent on the repetition of rhythmic patterns. *Scientific reports*, 16(1), 1222.

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.

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.

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.

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).

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.

Peykarjou S, et al. (2024) The Development of Global-Level Categorization: Frequency Tagging EEG Responses. Brain sciences, 14(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.

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).

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

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

Gyimes IL, et al. (2023) Reminders of Mortality: Investigating the Effects of Different Mortality Saliences on Somatosensory Neural Activity. Brain sciences, 13(7).

Huang B, et al. (2022) Is the Discount Really Favorable? The Effect of Numeracy on Price Magnitude Judgment: Evidence From Electroencephalography. Frontiers in neuroscience, 16, 817450.