

Resource Summary Report

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Electrographic Seizure Analyzer

RRID:SCR_016344

Type: Tool

Proper Citation

Electrographic Seizure Analyzer (RRID:SCR_016344)

Resource Information

URL: <https://github.com/KM-Lab/Electrographic-Seizure-Analyzer>

Proper Citation: Electrographic Seizure Analyzer (RRID:SCR_016344)

Description: Software to automate analysis of electrographic seizures based on EEG or LFP data, featuring customizable thresholds and parameters for event detection and parameter setting.

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: automate, analysis, electrographic, seizure, EEG, LFP, data, event, detection, parameter, setting

Availability: Free, Available for download, Freely available

Resource Name: Electrographic Seizure Analyzer

Resource ID: SCR_016344

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260905T132807+0000

Ratings and Alerts

No rating or validation information has been found for Electrographic Seizure Analyzer.

No alerts have been found for Electrographic Seizure Analyzer.

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](#) .

Gonzalez-Ramos A, et al. (2025) Chemogenetics with PSAM4-GlyR decreases excitability and epileptiform activity in epileptic hippocampus. *Gene therapy*, 32(2), 106.

Zhao H, et al. (2025) Single-Cell Analysis of Posttranslational Modifications Identifies Immunosuppressive Macrophage Subtypes in the HBV-Positive Hepatocellular Carcinoma Microenvironment. *Cancer immunology research*, 13(8), 1303.

Jackson HD, et al. (2024) Intracerebral delivery of antiseizure medications by microinvasive neural implants. *Brain : a journal of neurology*, 147(12), 4147.

Ewens AN, et al. (2024) Levetiracetam Prevents Neurophysiological Changes and Preserves Cognitive Function in the Human Immunodeficiency Virus (HIV)-1 Transactivator of Transcription Transgenic Mouse Model of HIV-Associated Neurocognitive Disorder. *The Journal of pharmacology and experimental therapeutics*, 391(1), 104.

Zeidler Z, et al. (2018) Targeting the Mouse Ventral Hippocampus in the Intrahippocampal Kainic Acid Model of Temporal Lobe Epilepsy. *eNeuro*, 5(4).