Resource Summary Report

Generated by RRID on Apr 9, 2025

ASA - Advanced Source Analysis

RRID:SCR_012867
Type: Tool

Proper Citation

ASA - Advanced Source Analysis (RRID:SCR_012867)

Resource Information

URL: http://www.ant-neuro.com/products/asa

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Description: A highly flexible EEG/ERP and MEG analysis package with a variety of source reconstruction, signal analysis and MRI processing features. ASA combines functional brain imaging with the visualization and incorporation of morphological information obtained from MRI or CT. ASA is a highly interactive and flexible software tool that can be applied to neuro-physiological and clinical brain research. ASA gives a realistic impression of your experimental configuration together with topographical mapping of EEG and MEG and the results of your analysis. ASA is developed for and by people dedicated to brain research. The concept of flexibility and openness covers even most complex analysis demands. The ASA environment is particularly attractive for those that wish to develop their own methods in third party packages like Matlab and use ASA for pre-processing and visualization purposes.

Abbreviations: ASA

Synonyms: Advanced Source Analysis

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

Keywords: eeg, meg, electrocorticography, event related potential, fourier time-domain analysis, software, spectral analysis, temporal transformation, time domain analysis

Funding:

Availability: Commercial license

Resource Name: ASA - Advanced Source Analysis

Resource ID: SCR_012867

Alternate IDs: nlx_155691

Alternate URLs: http://www.nitrc.org/projects/asa

Record Creation Time: 20220129T080312+0000

Record Last Update: 20250409T061108+0000

Ratings and Alerts

No rating or validation information has been found for ASA - Advanced Source Analysis.

No alerts have been found for ASA - Advanced Source Analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Schrooten M, et al. (2018) Quantitative Analyses Help in Choosing Between Simultaneous vs. Separate EEG and fMRI. Frontiers in neuroscience, 12, 1009.

de Tommaso M, et al. (2017) Walking-Related Dual-Task Interference in Early-to-Middle-Stage Huntington's Disease: An Auditory Event Related Potential Study. Frontiers in psychology, 8, 1292.

Li Y, et al. (2011) Dipole source analysis of auditory P300 response in depressive and anxiety disorders. Cognitive neurodynamics, 5(2), 221.