Homer2
RRID:SCR_009586
Type: Tool

Proper Citation
Homer2 (RRID:SCR_009586)

Resource Information

URL: http://www.nmr.mgh.harvard.edu/DOT/resources/homer2/home.htm

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Description: Software matlab scripts used for analyzing fNIRS data to obtain estimates and maps of brain activation. Graphical user interface (GUI) for visualization and analysis of functional near-infrared spectroscopy (fNIRS) data.

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

Keywords: Analysis, optical, imaging, fnirs, map, brain, activation, BRAIN Initiative

Funding Agency: NCRR, NIBIB

Related resources: NIRx2nirs: A NIRx to .nirs data converter

Availability: Free, Available for download, Freely available

Website Status: Last checked up

Resource Name: Homer2

Resource ID: SCR_009586

Alternate IDs: nlx_155773

No alerts have been found for Homer2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Bloomfield PM, et al. (2021) Cerebral haemodynamics during simulated driving: Changes in workload are detectable with functional near infrared spectroscopy. PLOs one, 16(3), e0248533.


Zhai T, et al. (2021) Tinnitus and auditory cortex; Using adapted functional near-infrared-spectroscopy to expand brain imaging in humans. Laryngoscope investigative otolaryngology, 6(1), 137-144.


Matarasso AK, et al. (2021) Combined real-time fMRI and real time fNIRS brain computer interface (BCI): Training of volitional wrist extension after stroke, a case series pilot study. PLOs one, 16(5), e0250431.


