Resource Summary Report

Generated by <u>NIF</u> on May 23, 2025

Brainsight

RRID:SCR_009539 Type: Tool

Proper Citation

Brainsight (RRID:SCR_009539)

Resource Information

URL: http://www.rogue-research.com

Proper Citation: Brainsight (RRID:SCR_009539)

Description: Neuronavigation system for use in human cognitive neuroscience (TMS, EEG, NIRS) and for non-human neurosurgical applications.

Abbreviations: Brainsight

Resource Type: resource, software resource

Keywords: dicom, eeg, eeg, meg, electrocorticography, hardware, minc, minc2, magnetic resonance, nifti, nirs/fnir, optical imaging, optical imaging, philips par/rec, physiological recording, rendering, surface rendering, visualization, instrument, equipment

Funding:

Availability: Comercial Licence

Resource Name: Brainsight

Resource ID: SCR_009539

Alternate IDs: nlx_155718

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

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250523T054737+0000

Ratings and Alerts

No rating or validation information has been found for Brainsight.

No alerts have been found for Brainsight.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Casey CP, et al. (2025) Preservation of Bilateral Corticospinal Projections from Injured Hemisphere After Perinatal Stroke. Brain sciences, 15(1).

Borot L, et al. (2024) Prefrontal cortex activity and functional organisation in dual-task ocular pursuit is affected by concurrent upper limb movement. Scientific reports, 14(1), 9996.

Mahmoodi A, et al. (2024) A frontopolar-temporal circuit determines the impact of social information in macaque decision making. Neuron, 112(1), 84.

Gandolfo M, et al. (2024) Converging evidence that left extrastriate body area supports visual sensitivity to social interactions. Current biology : CB, 34(2), 343.

Shinn RL, et al. (2024) Comparison of stereotactic brain biopsy techniques in dogs: neuronavigation, 3D-printed guides, and neuronavigation with 3D-printed guides. Frontiers in veterinary science, 11, 1406928.

Mahmoodi A, et al. (2023) Causal role of a neural system for separating and selecting multidimensional social cognitive information. Neuron, 111(7), 1152.

Conelea C, et al. (2023) The CBIT?+?TMS trial: study protocol for a two-phase randomized controlled trial testing neuromodulation to augment behavior therapy for youth with chronic tics. Trials, 24(1), 439.

Bracco M, et al. (2023) Distinct frequencies balance segregation with interaction between different memory types within a prefrontal circuit. Current biology : CB, 33(12), 2548.

Miyamoto K, et al. (2021) Identification and disruption of a neural mechanism for accumulating prospective metacognitive information prior to decision-making. Neuron, 109(8), 1396.

Wittmann MK, et al. (2021) Causal manipulation of self-other mergence in the dorsomedial

prefrontal cortex. Neuron, 109(14), 2353.

Abuleil D, et al. (2021) Visual cortex cTBS increases mixed percept duration while a-tDCS has no effect on binocular rivalry. PloS one, 16(2), e0239349.

Emanuel A, et al. (2021) Inhibition of the supplementary motor area affects distribution of effort over time. Cortex; a journal devoted to the study of the nervous system and behavior, 134, 134.

Doerig N, et al. (2021) Enhancing reappraisal of negative emotional memories with transcranial direct current stimulation. Scientific reports, 11(1), 14760.

Stirton H, et al. (2021) Oxolipidomics profile in major depressive disorder: Comparing remitters and non-remitters to repetitive transcranial magnetic stimulation treatment. PloS one, 16(2), e0246592.

Jin Z, et al. (2021) The role of frontal pursuit area in interaction between smooth pursuit eye movements and attention: A TMS study. Journal of vision, 21(3), 11.

Pouliopoulos AN, et al. (2021) Safety evaluation of a clinical focused ultrasound system for neuronavigation guided blood-brain barrier opening in non-human primates. Scientific reports, 11(1), 15043.

Ferguson CM, et al. (2021) Comparative route of administration studies using therapeutic siRNAs show widespread gene modulation in Dorset sheep. JCI insight, 6(24).

Chaves AR, et al. (2020) Walking Training Enhances Corticospinal Excitability in Progressive Multiple Sclerosis-A Pilot Study. Frontiers in neurology, 11, 422.

Bernardi S, et al. (2020) The Geometry of Abstraction in the Hippocampus and Prefrontal Cortex. Cell, 183(4), 954.

Yaramothu C, et al. (2020) Reliability of Frontal Eye Fields Activation and Very Low-Frequency Oscillations Observed during Vergence Eye Movements: an fNIRS Study. Scientific reports, 10(1), 712.