Resource Summary Report

Generated by NIF on Aug 30, 2026

Cogent 2000

RRID:SCR_015672
Type: Tool

Proper Citation

Cogent 2000 (RRID:SCR_015672)

Resource Information

URL: http://www.vislab.ucl.ac.uk/cogent_2000.php

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Description: MATLAB Toolbox for presenting stimuli and recording responses with precise timing. It also provides additional utilities for the manipulation of sound, keyboard, mouse, joystick, serial port, parallel port, subject responses and physiological monitoring hardware.

Synonyms: Cogent

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

Keywords: matlab, timing, physiological monitoring, subject response, stimulus presenting, response recording

Availability: Free, Available for download, Acknowledgment requested, Account required, Demo available

Resource Name: Cogent 2000

Resource ID: SCR_015672

License URLs: http://www.vislab.ucl.ac.uk/cogent_2000_terms_and_conditions.php

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260829T182805+0000

Ratings and Alerts

No rating or validation information has been found for Cogent 2000.

No alerts have been found for Cogent 2000.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 224 mentions in open access literature.

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

Tolkacheva V, et al. (2024) Perceiving and misperceiving speech: lexical and sublexical processing in the superior temporal lobes. Cerebral cortex (New York, N.Y. : 1991), 34(3).

T??scher O, et al. (2024) Altered cortical synaptic lipid signaling leads to intermediate phenotypes of mental disorders. Molecular psychiatry, 29(11), 3537.

Soto V, et al. (2024) Take it sitting down: the effect of body posture on cortical potentials during free viewing-A mobile EEG recording study. Frontiers in neuroscience, 18, 1492427.

Choi TJ, et al. (2024) Differences in alternative splicing events in the adaptive strategies of two Daphnia galeata genotypes induced by fish kairomones. BMC genomics, 25(1), 725.

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.

Cui J, et al. (2023) De novo full-length transcriptome analysis of two ecotypes of Phragmites australis (swamp reed and dune reed) provides new insights into the transcriptomic complexity of dune reed and its long-term adaptation to desert environments. BMC genomics, 24(1), 180.

Strike LT, et al. (2023) The Queensland Twin Adolescent Brain Project, a longitudinal study of adolescent brain development. Scientific data, 10(1), 195.

Renner E, et al. (2023) Are there dedicated neural mechanisms for imitation? A study of grist and mills. PloS one, 18(9), e0291771.

Zimmermann B, et al. (2023) Topological structures and syntenic conservation in sea anemone genomes. Nature communications, 14(1), 8270.

Treu S, et al. (2023) Deep-brain stimulation of the human nucleus accumbens-medial septum enhances memory formation. Research square.

Chen X, et al. (2023) Chronic stability of a neuroprosthesis comprising multiple adjacent Utah arrays in monkeys. Journal of neural engineering, 20(3), 036039.

Gonzalez-Escamilla G, et al. (2023) Modular segregation drives causality of the dynamic oscillatory network responses during threat processing. Brain communications, 5(2),

fcad035.

Xiao F, et al. (2023) Full-length transcriptome characterization and comparative analysis of Gleditsia sinensis. BMC genomics, 24(1), 757.

Schill J, et al. (2023) Parkinson's disease speech production network as determined by graph-theoretical network analysis. Network neuroscience (Cambridge, Mass.), 7(2), 712.

Chen X, et al. (2023) Deciphering triterpenoid saponin biosynthesis by leveraging transcriptome response to methyl jasmonate elicitation in Saponaria vaccaria. Nature communications, 14(1), 7101.

Kim JS, et al. (2023) Hippocampal orchestration of associative and sequential memory networks for episodic retrieval. Cell reports, 42(8), 112989.

Hartmann H, et al. (2022) Emotional Ego- and Altercentric Biases in High-Functioning Autism Spectrum Disorder: Behavioral and Neurophysiological Evidence. Frontiers in psychiatry, 13, 813969.

Minenkova O, et al. (2022) Human inhalable antibody fragments neutralizing SARS-CoV-2 variants for COVID-19 therapy. Molecular therapy : the journal of the American Society of Gene Therapy, 30(5), 1979.

Pedale T, et al. (2022) Searching for a Relationship between Early Breastfeeding and Cognitive Development of Attention and Working Memory Capacity. Brain sciences, 13(1).

Elder GJ, et al. (2022) Quantifying test-retest reliability of repeated objective attentional measures in Lewy body dementia. Journal of neurology, 269(7), 3605.