Resource Summary Report

Generated by RRID on May 7, 2025

Tucker-Davis Technologies

RRID:SCR_006495
Type: Tool

Proper Citation

Tucker-Davis Technologies (RRID:SCR_006495)

Resource Information

URL: http://www.tdt.com/

Proper Citation: Tucker-Davis Technologies (RRID:SCR_006495)

Description: Commercial organization that provides products for basic and applied research in the neurophysiology, hearing, and speech sciences as well as for general data acquisition applications. It offers a complete line of modular DSP-based data acquisition and stimulus generation systems, ranging in complexity from a simple audio stimulator to a complete multichannel sensory and behavioral neurophysiology system for awake, behaving subjects.

Abbreviations: TDT

Synonyms: Tucker-Davis Technologies (TDT)

Resource Type: commercial organization

Keywords: neurophysiology, evoked potential, psychoacoustics, data acquisition, virtual acoustics, bioacoustics, hearing, speech, stimulus, audio, sensory, behavior

Funding:

Resource Name: Tucker-Davis Technologies

Resource ID: SCR_006495

Alternate IDs: rid_000061, grid.421888.f

Alternate URLs: https://ror.org/0014wkh93

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250420T014331+0000

Ratings and Alerts

No rating or validation information has been found for Tucker-Davis Technologies.

No alerts have been found for Tucker-Davis Technologies.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Faget L, et al. (2024) Ventral pallidum GABA and glutamate neurons drive approach and avoidance through distinct modulation of VTA cell types. Nature communications, 15(1), 4233.

Salehi S, et al. (2024) Spatiotemporal hierarchies of face representation in the human ventral temporal cortex. Scientific reports, 14(1), 26501.

Shmal D, et al. (2024) Restoring vision in adult amblyopia by enhancing plasticity through deletion of the transcriptional repressor REST. iScience, 27(4), 109507.

Lazar A, et al. (2024) Paying attention to natural scenes in area V1. iScience, 27(2), 108816.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. iScience, 27(12), 111285.

Smith J, et al. (2024) Regulation of stress-induced sleep fragmentation by preoptic glutamatergic neurons. Current biology : CB, 34(1), 12.

Lemke SM, et al. (2024) Information flow between motor cortex and striatum reverses during skill learning. Current biology : CB, 34(9), 1831.

Squarcio F, et al. (2024) Effects of non-rapid eye movement sleep on the cortical synaptic expression of GluA1-containing AMPA receptors. The European journal of neuroscience, 60(2), 3961.

Faget L, et al. (2023) Ventral pallidum GABA and glutamate neurons drive approach and

avoidance through distinct modulation of VTA cell types. bioRxiv : the preprint server for biology.

Gyawali U, et al. (2023) Dopamine in the dorsal bed nucleus of stria terminalis signals Pavlovian sign-tracking and reward violations. eLife, 12.

Barker DJ, et al. (2023) Lateral preoptic area glutamate neurons relay nociceptive information to the ventral tegmental area. Cell reports, 42(9), 113029.

Papale P, et al. (2023) The representation of occluded image regions in area V1 of monkeys and humans. Current biology : CB, 33(18), 3865.

Sotelo MI, et al. (2022) Lateral hypothalamic neuronal ensembles regulate pre-sleep nest-building behavior. Current biology : CB, 32(4), 806.

Morel C, et al. (2022) Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. Nature communications, 13(1), 1532.

Natraj N, et al. (2022) Compartmentalized dynamics within a common multi-area mesoscale manifold represent a repertoire of human hand movements. Neuron, 110(1), 154.

Zhou YP, et al. (2022) A congenital CMV infection model for follow-up studies of neurodevelopmental disorders, neuroimaging abnormalities, and treatment. JCI insight, 7(1).

Westerberg JA, et al. (2022) Laminar microcircuitry of visual cortex producing attention-associated electric fields. eLife, 11.

Sunwoo W, et al. (2022) Effects of place of stimulation on the interaural time difference sensitivity in bilateral electrical intracochlear stimulations: Neurophysiological study in a rat model. Journal of neuroscience research, 100(2), 461.

Stucynski JA, et al. (2022) Regulation of REM sleep by inhibitory neurons in the dorsomedial medulla. Current biology : CB, 32(1), 37.

Ramirez MA, et al. (2022) Cochlear ribbon synapse maturation requires Nlgn1 and Nlgn3. iScience, 25(8), 104803.