Resource Summary Report

Generated by NIF on Aug 5, 2026

TopScan Lite

RRID:SCR_014494
Type: Tool

Proper Citation

TopScan Lite (RRID:SCR_014494)

Resource Information

URL: http://cleversysinc.com/?csi_products=topscan-lite

Proper Citation: TopScan Lite (RRID:SCR_014494)

Description: A single point video tracking system. It uses the center of the mass of the animal and tracks it over the course of the experiment to determine location, distance traveled, velocity etc. Examples of applications include: Open Field, Novel Object Recognition, Maze Analysis, Morris Water Maze, Barnes Maze, Place Preference, etc.

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

Keywords: video tracking software, open field, novel object recognition, maze analysis, barnes maze

Availability: Commercial

Resource Name: TopScan Lite

Resource ID: SCR_014494

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260805T044326+0000

Ratings and Alerts

No rating or validation information has been found for TopScan Lite.

No alerts have been found for TopScan Lite.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Yin CY, et al. (2021) Neuronal Nitric Oxide Synthase in Nucleus Accumbens Specifically Mediates Susceptibility to Social Defeat Stress through Cyclin-Dependent Kinase 5. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(11), 2523.

Lovelace JW, et al. (2020) Deletion of Fmr1 from Forebrain Excitatory Neurons Triggers Abnormal Cellular, EEG, and Behavioral Phenotypes in the Auditory Cortex of a Mouse Model of Fragile X Syndrome. Cerebral cortex (New York, N.Y. : 1991), 30(3), 969.

Nagai J, et al. (2019) Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. Cell, 177(5), 1280.

Pitcher MH, et al. (2019) Persistent inflammatory pain alters sexually-motivated behavior in male rats. Behavioural brain research, 356, 380.

Zanos P, et al. (2019) (R)-Ketamine exerts antidepressant actions partly via conversion to (2R,6R)-hydroxynorketamine, while causing adverse effects at sub-anaesthetic doses. British journal of pharmacology, 176(14), 2573.

Wang Y, et al. (2018) Balasubramide derivative 3C modulates microglia activation via CaMKK?-dependent AMPK/PGC-1? pathway in neuroinflammatory conditions. Brain, behavior, and immunity, 67, 101.

Wulsin AC, et al. (2018) Functional disruption of stress modulatory circuits in a model of temporal lobe epilepsy. PloS one, 13(5), e0197955.

Wang LA, et al. (2018) Coupling corticotropin-releasing-hormone and angiotensin converting enzyme 2 dampens stress responsiveness in male mice. Neuropharmacology, 133, 85.

Vogel AR, et al. (2018) Individual Variation in Social Behaviours of Male Lab-reared Prairie voles (Microtus ochrogaster) is Non-heritable and Weakly Associated with V1aR Density. Scientific reports, 8(1), 1396.

Tamadon-Nejad S, et al. (2018) Vitamin K Deficiency Induced by Warfarin Is Associated With Cognitive and Behavioral Perturbations, and Alterations in Brain Sphingolipids in Rats. Frontiers in aging neuroscience, 10, 213.

Lippi SLP, et al. (2018) A Novel hAPP/htau Mouse Model of Alzheimer's Disease: Inclusion of APP With Tau Exacerbates Behavioral Deficits and Zinc Administration Heightens Tangle Pathology. Frontiers in aging neuroscience, 10, 382.

Han X, et al. (2018) Quantitative profiling of neurotransmitter abnormalities in brain, cerebrospinal fluid, and serum of experimental diabetic encephalopathy male rat. Journal

of neuroscience research, 96(1), 138.

Dejanovic B, et al. (2018) Changes in the Synaptic Proteome in Tauopathy and Rescue of Tau-Induced Synapse Loss by C1q Antibodies. Neuron, 100(6), 1322.

Moreno-Gonzalez I, et al. (2017) Molecular interaction between type 2 diabetes and Alzheimer's disease through cross-seeding of protein misfolding. Molecular psychiatry, 22(9), 1327.

Cortez I, et al. (2017) Aged dominant negative p38? MAPK mice are resistant to age-dependent decline in adult-neurogenesis and context discrimination fear conditioning. Behavioural brain research, 322(Pt B), 212.

Baldwin KR, et al. (2017) Sex Specific Placental Accumulation and Behavioral Effects of Developmental Firemaster 550 Exposure in Wistar Rats. Scientific reports, 7(1), 7118.

Zanos P, et al. (2017) A Negative Allosteric Modulator for ?5 Subunit-Containing GABA Receptors Exerts a Rapid and Persistent Antidepressant-Like Action without the Side Effects of the NMDA Receptor Antagonist Ketamine in Mice. eNeuro, 4(1).

Chandra R, et al. (2017) Drp1 Mitochondrial Fission in D1 Neurons Mediates Behavioral and Cellular Plasticity during Early Cocaine Abstinence. Neuron, 96(6), 1327.

Skariah G, et al. (2017) Mov10 suppresses retroelements and regulates neuronal development and function in the developing brain. BMC biology, 15(1), 54.

Mohammadi SA, et al. (2017) ?9-nAChR knockout mice exhibit dysregulation of stress responses, affect and reward-related behaviour. Behavioural brain research, 328, 105.