

Resource Summary Report

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TopScan

RRID:SCR_017141

Type: Tool

Proper Citation

TopScan (RRID:SCR_017141)

Resource Information

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

Proper Citation: TopScan (RRID:SCR_017141)

Description: Software suite as top view based behavior analysis system by CleverSys Inc. Uses animal body parts to provide behavior analysis results. Used in experiments with animal tracking task.

Synonyms: TopScan Suite

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

Keywords: top, view, behavior, analysis, system, CleverSys Inc., animal, body, part, track, detect

Resource Name: TopScan

Resource ID: SCR_017141

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260731T043010+0000

Ratings and Alerts

No rating or validation information has been found for TopScan.

No alerts have been found for TopScan.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 94 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Huang SY, et al. (2025) Choline alleviates cognitive impairment in sleep-deprived young mice via reducing neuroinflammation and altering phospholipidomic profile. *Redox biology*, 81, 103578.

Wang ZH, et al. (2025) Oxytocin Improves Autistic Behaviors by Positively Shifting GABA Reversal Potential via NKCC1 in Early-Postnatal-Stage. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(21), e2415432.

Wang B, et al. (2025) Does lateral habenula mediate effects of gestational stress on rat maternal behavior? *Brain behavior and immunity integrative*, 9.

Radiske A, et al. (2025) Theta-encoded information flow from dorsal CA1 to prelimbic cortex drives memory reconsolidation. *iScience*, 28(7), 112821.

Han X, et al. (2025) MSC transplantation ameliorates depression in lupus by suppressing Th1 cell-shaped synaptic stripping. *JCI insight*, 10(8).

Sahbaie P, et al. (2025) Exercise plasma improves traumatic brain injury outcomes in mice. *Scientific reports*, 15(1), 17957.

Sukesan R, et al. (2025) 3D-printed optogenetic neural probe integrated with microfluidic tube for opsin/drug delivery. *Scientific reports*, 15(1), 28863.

Huang M, et al. (2025) Inhibition of microglial glutaminase alleviates chronic stress-induced neurobehavioral and cognitive deficits. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 22(6), e00759.

Kigar SL, et al. (2025) Chronic social defeat stress induces meningeal neutrophilia via type I interferon signaling in male mice. *Nature communications*, 16(1), 8153.

Rossato JI, et al. (2025) CaMKII modulates memory destabilization by regulating the interaction of theta and gamma oscillations. *Frontiers in cellular neuroscience*, 19, 1620588.

Fang S, et al. (2025) Reduced oxytocin signaling in the dBNST drives the transition from acute pain to persistent anxiety. *Current biology : CB*.

Leonardi SS, et al. (2025) Parasite-mediated alteration of behaviour and biomolecular dynamics in a mouse model. *Frontiers in cellular and infection microbiology*, 15, 1574660.

Panthi S, et al. (2024) Characterisation and automated quantification of induced seizure-related behaviours in *Xenopus laevis* tadpoles. *Journal of neurochemistry*, 168(12), 4014.

Li Y, et al. (2024) Nicotinamide Riboside Regulates Chemotaxis to Decrease Inflammation and Ameliorate Functional Recovery Following Spinal Cord Injury in Mice. *Current issues in molecular biology*, 46(2), 1291.

Gao Y, et al. (2024) Proximity analysis of native proteomes reveals phenotypic modifiers in a mouse model of autism and related neurodevelopmental conditions. *Nature communications*, 15(1), 6801.

Boyle N, et al. (2024) MeCP2 Deficiency Alters the Response Selectivity of Prefrontal Cortical Neurons to Different Social Stimuli. *eNeuro*, 11(9).

Wang Z, et al. (2024) Nogo-A Drives Alzheimer's Disease Progression by Inducing Tauopathy Vulnerability. *Aging and disease*, 16(2), 1199.

Yang ZJ, et al. (2024) Betaine alleviates cognitive impairment induced by homocysteine through attenuating NLRP3-mediated microglial pyroptosis in an m6A-YTHDF2-dependent manner. *Redox biology*, 69, 103026.

Chen H, et al. (2024) Effects of esketamine and fluoxetine on depression-like behaviors in chronic variable stress: a role of plasma inflammatory factors. *Frontiers in psychiatry*, 15, 1388946.

Liu J, et al. (2024) Antagonism of β -arrestins in IL-4-driven microglia reactivity via the Samd4/mTOR/OXPHOS axis in Parkinson's disease. *Science advances*, 10(34), eadn4845.