Resource Summary Report

Generated by Kravitz on Sep 14, 2026

AnimalTracker

RRID:SCR_014397
Type: Tool

Proper Citation

AnimalTracker (RRID:SCR_014397)

Resource Information

URL: http://animaltracker.elte.hu/

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Description: A universal tracking application specifically designed to support animal behavioral analysis. AnimalTracker consists of three main modules which can be used independently: Tracker is responsible for image processing and providing the coordinates of the identified object; Zone Designer provides tools to create custom-made investigation areas in order to design a maze-setup; and Tracking Analyzer module serves to define and obtain the parameters needed for the evaluation.

Synonyms: Animal Tracker

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

Keywords: animal, tracking system, universal, animal behavior, analysis

Funding: Hungarian Brain Research Program

Availability: Acknowledgment required, Available for download, Open source

Resource Name: AnimalTracker

Resource ID: SCR_014397

License: Apache License 2.0

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260912T195816+0000

Ratings and Alerts

No rating or validation information has been found for AnimalTracker.

No alerts have been found for AnimalTracker.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Boudra R, et al. (2026) Efficacy and safety of SENS-501, a dual-AAV otoferlin gene therapy, for DFNB9 congenital deafness. Molecular therapy. Advances, 34(3), 201762.

Chang L, et al. (2026) Immune regulation and cellular crosstalk drive non-fibrotic lung remodeling in pre-metamorphic frogs exposed to paraquat. BMC biology, 24(1).

Tsafaras G, et al. (2025) The G2019S LRRK2 mutation exacerbates ?-synuclein and tau neuropathology through divergent pathways in Parkinson's disease models. Acta neuropathologica, 150(1), 51.

Eroglu B, et al. (2025) Amelioration of Alzheimer's Disease Pathology in Zebrafish by Photobiomodulation. Biomedicines, 13(12).

Sanchiz-Calvo M, et al. (2025) Loss of the lysosomal lipid flippase ATP10B leads to progressive dopaminergic neurodegeneration and parkinsonian motor deficits. Acta neuropathologica, 150(1), 5.

Lopes DM, et al. (2024) Glymphatic inhibition exacerbates tau propagation in an Alzheimer's disease model. Alzheimer's research & therapy, 16(1), 71.

Cai Y, et al. (2024) Lacticaseibacillus paracasei LC86 mitigates age-related muscle wasting and cognitive impairment in SAMP8 mice through gut microbiota modulation and the regulation of serum inflammatory factors. Frontiers in nutrition, 11, 1390433.

Brown JW, et al. (2024) Division of labor for defensive retaliation and preemption by the peripheral and central nervous systems in the nudibranch Berghia. Current biology : CB, 34(10), 2175.

Sai K, et al. (2023) Aberrantly activated TAK1 links neuroinflammation and neuronal loss in Alzheimer's disease mouse models. Journal of cell science, 136(6).

Kelly TR, et al. (2023) Tropical rock lobster (Panulirus ornatus) uses chemoreception via the antennular lateral flagellum to identify conspecific ecdysis. Scientific reports, 13(1), 12409.

Resta F, et al. (2022) Large-scale all-optical dissection of motor cortex connectivity shows a segregated organization of mouse forelimb representations. Cell reports, 41(6), 111627.

Zong W, et al. (2022) Large-scale two-photon calcium imaging in freely moving mice. Cell, 185(7), 1240.

Battistoni M, et al. (2022) Modified Xenopus laevis approach (R-FETAX) as an alternative test for the evaluation of foetal valproate spectrum disorder. Reproductive toxicology (Elmsford, N.Y.), 107, 140.

Kelly TR, et al. (2022) Development of a two-current choice flume behavioural bioassay for juvenile Panulirus ornatus response to moulting cues. Scientific reports, 12(1), 21474.

Ochi R, et al. (2022) Voluntary exercise reverses social behavior deficits and the increases in the densities of cholecystokinin-positive neurons in specific corticolimbic regions of diabetic OLETF rats. Behavioural brain research, 428, 113886.

Fernández de Cossío L, et al. (2021) Lipopolysaccharide-induced maternal immune activation modulates microglial CX3CR1 protein expression and morphological phenotype in the hippocampus and dentate gyrus, resulting in cognitive inflexibility during late adolescence. Brain, behavior, and immunity, 97, 440.

Mizobuchi H, et al. (2021) Prevention of Diabetes-Associated Cognitive Dysfunction Through Oral Administration of Lipopolysaccharide Derived From Pantoea agglomerans. Frontiers in immunology, 12, 650176.

Ochi R, et al. (2021) Medial prefrontal area reductions, altered expressions of cholecystokinin, parvalbumin, and activating transcription factor 4 in the corticolimbic system, and altered emotional behavior in a progressive rat model of type 2 diabetes. PloS one, 16(9), e0256655.

Singlár Z, et al. (2021) Assessing the Potential of Nutraceuticals as Geroprotectors on Muscle Performance and Cognition in Aging Mice. Antioxidants (Basel, Switzerland), 10(9).

Ochi R, et al. (2020) Region-specific brain area reductions and increased cholecystokinin positive neurons in diabetic OLETF rats: implication for anxiety-like behavior. The journal of physiological sciences : JPS, 70(1), 42.