Resource Summary Report

Generated by dkNET on Aug 21, 2026

Bonsai

RRID:SCR_017218
Type: Tool

Proper Citation

Bonsai (RRID:SCR_017218)

Resource Information

URL: https://bonsai-rx.org/

Proper Citation: Bonsai (RRID:SCR_017218)

Description: Software event based framework for processing and controlling data streams. Visual language designed for making software systems that require rich and rapid interaction with external world.

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

Defining Citation: PMID:25904861

Keywords: Event, based, framework, processing, controlling, data, stream

Funding: European Union Seventh Framework Programme ;
Bial Foundation ;
Foundation for Science and Technology ;
Champalimaud Foundation

Availability: Free, Available for download, Freely available

Resource Name: Bonsai

Resource ID: SCR_017218

Alternate URLs: https://github.com/bonsai-rx/bonsai-rx.github.io

License: MIT

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260821T043020+0000

Ratings and Alerts

No rating or validation information has been found for Bonsai.

No alerts have been found for Bonsai.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 105 mentions in open access literature.

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

Sidikpramana M, et al. (2026) Vision guides directed orienting movements during obstacle avoidance in mice. bioRxiv : the preprint server for biology.

Hertweck CH, et al. (2026) Repeated Stress Escalates Aggression and Activity in Fronto-Limbic Regions in Cntnap2-/- Mice. Genes, brain, and behavior, 25(2), e70048.

Margarian S, et al. (2026) Cost-effective, open-source, automated apparatus for testing transitive inference in mice. Scientific reports, 16(1).

Duran M, et al. (2026) The central amygdala gates exogenous glucagon-like peptide 1 signals. Molecular metabolism, 110, 102403.

Grieves RM, et al. (2026) Hippocampal place cells map terrain geometry independently of behavior. Science advances, 12(23), eadz9893.

Podolecka W, et al. (2026) A reversible rat model of hyposmia affects respiration-linked brain oscillations and behavior. iScience, 29(5), 115760.

Gu Z, et al. (2026) The External Globus Pallidus is a Basal Ganglia Output Hub with Action-Specific Circuits. bioRxiv : the preprint server for biology.

Zada D, et al. (2026) Convergent thyroid-ATPase interactions regulate collective behavior in Danionella. Cell reports, 45(1), 116730.

Tsukano H, et al. (2026) Orbitofrontal cortex drives predictive filtering of sensory responses. Nature neuroscience, 29(4), 888.

Munguba H, et al. (2026) Mechanism-guided identification of antidepressant G protein-coupled receptor drug targets. Cell, 189(9), 2612.

Walker SJ, et al. (2026) A hypothalamic circuit for anticipating future changes in energy balance. Neuron.

Maltsev DI, et al. (2026) In vivo chemogenetic generation of intraneuronal H2O2. Free radical biology & medicine, 245, 329.

Ajuwon V, et al. (2025) GoFish: a foray into open-source, aquatic behavioral automation. Journal of fish biology, 107(4), 1184.

Paglione M, et al. (2025) Local translatome sustains synaptic function in impaired Wallerian degeneration. EMBO reports, 26(1), 61.

Hong CY, et al. (2025) Anterior hypothalamic nucleus drives distinct defensive responses through cell-type-specific activity. iScience, 28(4), 112097.

Ahmadlou M, et al. (2025) A subcortical switchboard for perseverative, exploratory and disengaged states. Nature, 641(8061), 151.

Klee JL, et al. (2025) Internal and external contexts drive distinct dynamics in shared action-encoding striatal neurons. bioRxiv : the preprint server for biology.

Ignatowska-Jankowska BM, et al. (2025) Accurate Tracking of Locomotory Kinematics in Mice Moving Freely in Three-Dimensional Environments. eNeuro, 12(6).

Campbell MG, et al. (2025) A hardwired neural circuit for temporal difference learning. bioRxiv : the preprint server for biology.

Vaissiere T, et al. (2025) Syngap1 promotes cognitive function through regulation of cortical sensorimotor dynamics. Nature communications, 16(1), 812.