

Resource Summary Report

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JWatcher

RRID:SCR_017595

Type: Tool

Proper Citation

JWatcher (RRID:SCR_017595)

Resource Information

URL: <http://www.jwatcher.ucla.edu>

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Description: Software Java tool for quantitative analysis of behavior. Used to address any theoretical problem that requires complex sequence of actions to be scored by human observer. Runs on microcomputer providing Java Virtual Machine[™] and has been tested on Windows[™] and Macintosh[™] systems. Legacy version (version 0.9) works on older systems (Macintosh OS-9 and Windows-98), while Version 1.0 works well on Macintosh OS-X and Windows XP systems. JWatcher Video works best on Windows XP systems and has reduced functionality running in Macintosh OS-X. JWatcher-Palm can be used to acquire data on Palm OS[™] equipped device and analyze it on your main computer.

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

Keywords: Quantitative, analysis, behavior, theoretical, problem, action, scored, human, observer

Funding: NIMH R21 MH065226;
Australian Research Council ;
Macquarie University

Availability: Free, Available for download, Freely available

Resource Name: JWatcher

Resource ID: SCR_017595

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250329T061258+0000

Ratings and Alerts

No rating or validation information has been found for JWatcher.

No alerts have been found for JWatcher.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Li L, et al. (2024) PVN-mPFC OT projections modulate pup-directed pup care or attacking in virgin mandarin voles. *eLife*, 13.

Qu Y, et al. (2024) Distinct medial amygdala oxytocin receptor neurons projections respectively control consolation or aggression in male mandarin voles. *Nature communications*, 15(1), 8139.

Sanson A, et al. (2024) CRF binding protein activity in the hypothalamic paraventricular nucleus is essential for stress adaptations and normal maternal behaviour in lactating rats. *Neurobiology of stress*, 30, 100631.

Johnson MC, et al. (2024) Effects of oxytocin receptor agonism on acquisition and expression of pair bonding in male prairie voles. *Translational psychiatry*, 14(1), 286.

Power SC, et al. (2024) Photoperiod, food restriction and memory for objects and places in mice. *Scientific reports*, 14(1), 21566.

Spanaki C, et al. (2024) Glutamate-specific gene linked to human brain evolution enhances synaptic plasticity and cognitive processes. *iScience*, 27(2), 108821.

Ryabini A, et al. (2024) Effects of Oxytocin Receptor Agonism on Acquisition and Expression of Pair Bonding in Male Prairie Voles. *Research square*.

Popik P, et al. (2023) Effects of ketamine on rat social behavior as analyzed by DeepLabCut and SimBA deep learning algorithms. *Frontiers in pharmacology*, 14, 1329424.

Waddell NJ, et al. (2023) Transcription and DNA methylation signatures of paternal behavior in hippocampal dentate gyrus of prairie voles. *Scientific reports*, 13(1), 11020.

Bredewold R, et al. (2023) Vasopressin regulates social play behavior in sex-specific ways through glutamate modulation in the lateral septum. *bioRxiv : the preprint server for biology*.

Cusumano A, et al. (2023) Nectar-Inhabiting Bacteria Affect Olfactory Responses of an Insect Parasitoid by Altering Nectar Odors. *Microbial ecology*, 86(1), 364.

Pavlock S, et al. (2023) Hippocampal neuroinflammation following combined exposure to cyclophosphamide and naproxen in ovariectomized mice. *The International journal of neuroscience*, 133(2), 159.

Wang Y, et al. (2022) mGlu2/3 receptors within the ventral part of the lateral septal nuclei modulate stress resilience and vulnerability in mice. *Brain research*, 1779, 147783.

Liu Y, et al. (2022) Amphetamine exposure alters behaviors, and neuronal and neurochemical activation in the brain of female prairie voles. *Neuroscience*, 498, 73.

Lv Z, et al. (2022) Involvement of DR α mPFC 5-HTergic neural projections in changes of social exploration behaviors caused by adult chronic social isolation in mice. *Brain research bulletin*, 186, 16.

Block CL, et al. (2022) Prenatal environmental stressors impair postnatal microglia function and adult behavior in males. *Cell reports*, 40(5), 111161.

Suyama H, et al. (2021) Top-down acetylcholine signaling via olfactory bulb vasopressin cells contributes to social discrimination in rats. *Communications biology*, 4(1), 603.

Zhang X, et al. (2021) Involvement of the dopamine system in the effect of chronic social isolation during adolescence on social behaviors in male C57 mice. *Brain research*, 1765, 147497.

Obese E, et al. (2021) The Anticonvulsant Effect of Hydroethanolic Leaf Extract of *Calotropis procera* (Ait) R. Br. (Apocynaceae). *Neural plasticity*, 2021, 5566890.

Li ZL, et al. (2021) GABA(B) receptors within the lateral habenula modulate stress resilience and vulnerability in mice. *Physiology & behavior*, 230, 113311.