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[TM] and has been tested on Windows[TM] and Macintosh[TM] 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[TM] equipped device and analyze it on your main computer.

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

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

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

Availability: Free, Available for download, Freely available

Resource Name: JWatcher

Resource ID: SCR_017595

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260912T195854+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 53 mentions in open access literature.

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

Mandalaywala TM, et al. (2025) Threat perception and behavioral reactivity in response to an acute stressor in infant rhesus macaques. Acta psychologica, 252, 104647.

Swaney WT, et al. (2025) Decision-making in shoaling: zebrafish integrate cues of familiarity and group size. Animal cognition, 28(1), 92.

Matheson SM, et al. (2025) Buzzing boundaries: tiny caterpillars vibrate to defend leaf tip territories. The Journal of experimental biology, 228(7).

Gwilt MA, et al. (2025) Hippocampal perineuronal net degradation identifies prefrontal and striatal circuits involved in schizophrenia-like changes in marmosets. Science advances, 11(16), eadu0975.

Zhang L, et al. (2025) Different roles of D1/D2 medium spiny neurons in the nucleus accumbens in pair bond formation of male mandarin voles. eLife, 13.

Swaney WT, et al. (2025) Familiarity preferences in zebrafish (Danio rerio) depend on shoal proximity. Journal of fish biology, 107(4), 1122.

Ermio JDL, et al. (2025) Neglected Microbes in Floral Nectar: Influence of Filamentous Fungi on Nectar Scent and Parasitoid Olfactory Responses. Journal of chemical ecology, 51(2), 33.

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.

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

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.

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.

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

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

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.

Donovan M, et al. (2023) Limosilactobacillus reuteri administration alters the gut-brain-behavior axis in a sex-dependent manner in socially monogamous prairie voles. Frontiers in microbiology, 14, 1015666.

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.