

Resource Summary Report

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AcqKnowledge Software

RRID:SCR_014279

Type: Tool

Proper Citation

AcqKnowledge Software (RRID:SCR_014279)

Resource Information

URL: <http://www.biopac.com/product/acqknowledge-software/>

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Description: A software program that allows the user to perform data acquisition, stimulation and analyses. Users do not need to know the programming language or a new protocol view. AcqKnowledge Software is compatible with MP150 Research Systems, MP36R Research Systems, and MRI and fMRI Setups. A variety of offline and online analysis tools allows users to customize data recordings and targeted analyses. The software can perform automated analysis routines, output a range of stimulus paradigms, and allows users to record from multiple hardware devices simultaneously.

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

Keywords: data acquisition software, simulation software, data analysis software, record data, target analysis, automation, stimulus paradigm

Resource Name: AcqKnowledge Software

Resource ID: SCR_014279

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<http://www.biopac.com/privacy-policy/>

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Ratings and Alerts

No rating or validation information has been found for AcqKnowledge Software.

No alerts have been found for AcqKnowledge Software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 257 mentions in open access literature.

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

Bowie JS, et al. (2026) Heat tolerance classification criteria require population-specific thresholds for accurate assessment of acclimation state in adults. *Physiological reports*, 14(4), e70745.

Xu QJ, et al. (2026) The intrinsic cardiac nervous system is essential for cardiac function and survival. *Cell*.

Yadav S, et al. (2026) A triple-node heart-brain neuroimmune loop underlying myocardial infarction. *Cell*, 189(3), 800.

Harrington MO, et al. (2025) Memory control deficits in the sleep-deprived human brain. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2400743122.

Korbut S, et al. (2025) Examining Negativity Biases in Facial Emotion Reactions in Young Persons First Presenting with Borderline Personality Disorder. *Psychopathology*, 58(3), 173.

Feng J, et al. (2025) Investigate physiological and psychological responses to environment scenes, elements and components in different urban settings. *Scientific reports*, 15(1), 3694.

Buthmann JL, et al. (2025) Stress reactivity moderates the association between early experiences of unpredictability and emotional problems in adolescents. *Neurobiology of stress*, 34, 100706.

Riddell C, et al. (2025) Putting the Social in Emotions: The Effect of Audience Presence on Pride and Embarrassment Across Ontogeny. *Developmental science*, 28(4), e70024.

Busc?? B, et al. (2025) Great Offset Loading Influences Core and Bench Press Peak Prime Mover's Activity in Trained Athletes. *Journal of functional morphology and kinesiology*, 10(2).

Miranda A, et al. (2025) The linkage between decision-making and bodily states: an investigation using an emotional startle reflex paradigm and the Iowa Gambling task. *Psychological research*, 89(2), 82.

Gu N, et al. (2025) Microglia regulate neuronal activity via structural remodeling of astrocytes. *Neuron*.

Stussi Y, et al. (2025) Affective and computational determinants of threat extinction biases. *Behaviour research and therapy*, 192, 104804.

Ni Bhraonain E, et al. (2024) Immunohistochemical characterization of interstitial cells and their relationship to motor neurons within the mouse esophagus. *Research square*.

Wang NN, et al. (2024) The neuroimmune pathway of high-altitude adaptation: influence of erythrocytes on attention networks through inflammation and the autonomic nervous system. *Frontiers in neuroscience*, 18, 1373136.

Clarke SD, et al. (2024) Electrocortical Correlates of Emotion Processing and Resilience in Individuals with Adverse Childhood Experiences. *Journal of child & adolescent trauma*, 17(3), 1.

Jang H, et al. (2024) Measuring the dynamic balance of integration and segregation underlying consciousness, anesthesia, and sleep. *bioRxiv : the preprint server for biology*.

Manassero E, et al. (2024) Overgeneralization of autonomic defensive reactions in obesity. *Scientific reports*, 14(1), 23562.

Moreno-Manuel AI, et al. (2024) The Kir2.1E299V mutation increases atrial fibrillation vulnerability while protecting the ventricles against arrhythmias in a mouse model of short QT syndrome type 3. *Cardiovascular research*, 120(5), 490.

Hwang HB, et al. (2024) Preliminary Study of Novel Bio-Crypto Key Generation Using Clustering-Based Binarization of ECG Features. *Sensors (Basel, Switzerland)*, 24(5).

Paci M, et al. (2024) When the heart inhibits the brain: Cardiac phases modulate short-interval intracortical inhibition. *iScience*, 27(3), 109140.