Resource Summary Report

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ADInstruments - Data Acquisition Systems for Life Science

RRID:SCR_001620
Type: Tool

Proper Citation

ADInstruments - Data Acquisition Systems for Life Science (RRID:SCR_001620)

Resource Information

URL: http://www.adinstruments.com/products/software/modules/neuro_explorer.php

Proper Citation: ADInstruments - Data Acquisition Systems for Life Science (RRID:SCR_001620)

Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented on May 19, 2018; A provider of computer-based data acquisition and analysis systems for life science. Products enable users to record and analyze life science data quickly and efficiently. ADInstruments product range is based on the PowerLab data acquisition system with LabChart software. The PowerLab system (also MacLab) is used in universities, hospitals, research institutes, pharmaceutical companies, contract research organizations and other private industry research sectors.

Synonyms: AD Instruments

Resource Type: material resource, instrument supplier

Keywords: acquisition, analysis, biomedical, computer, life science, research, education, pharmaceutical research, transducer, part, signal conditioner, system

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ADInstruments - Data Acquisition Systems for Life Science

Resource ID: SCR_001620

Alternate IDs: nif-0000-10146

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260808T190547+0000

Ratings and Alerts

No rating or validation information has been found for ADInstruments - Data Acquisition Systems for Life Science.

No alerts have been found for ADInstruments - Data Acquisition Systems for Life Science.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Cady CN, et al. (2026) Delayed Cardiovascular Response to Acute Hypotension in Heart Failure Patients Compared to Healthy Adults. International journal of vascular medicine, 2026, 5472750.

Straus C, et al. (2025) Ventilatory Complexity Persists in Phox2b Mutant Mice Lacking the Retrotrapezoid Nucleus/Parafacial Respiratory Group (RTN/pFRG) and in Humans With Congenital Central Hypoventilation Syndrome. The Journal of comparative neurology, 533(12), e70117.

Basha D, et al. (2025) The reuniens nucleus of the thalamus facilitates hippocampo-cortical dialogue during sleep. eLife, 12.

d'Uscio LV, et al. (2025) Expression and function of ??-site amyloid precursor protein-cleaving enzyme 2 in vascular endothelium. American journal of physiology. Heart and circulatory physiology, 329(2), H291.

Urban MW, et al. (2024) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. eLife, 12.

Furdui A, et al. (2024) Mu-opioid receptors in tachykinin-1-positive cells mediate the respiratory and antinociceptive effects of the opioid fentanyl. British journal of pharmacology.

Zhang S, et al. (2023) LncRNA INPP5F ameliorates stress-induced hypertension via the miR-335/Cttn axis in rostral ventrolateral medulla. CNS neuroscience & therapeutics, 29(7), 1830.

Basha D, et al. (2023) Respiration organizes gamma synchrony in the prefronto-thalamic network. Scientific reports, 13(1), 8529.

Liu T, et al. (2023) PDZD8-mediated endoplasmic reticulum-mitochondria associations regulate sympathetic drive and blood pressure through the intervention of neuronal mitochondrial homeostasis in stress-induced hypertension. Neurobiology of disease, 183, 106173.

Guilbaud E, et al. (2023) Cholesterol efflux pathways hinder KRAS-driven lung tumor progenitor cell expansion. Cell stem cell, 30(6), 800.

Urban MW, et al. (2023) EphrinB2 knockdown in cervical spinal cord preserves diaphragm innervation in a mutant SOD1 mouse model of ALS. bioRxiv : the preprint server for biology.

Vrijdag XC, et al. (2023) Comparing the EMMA capnograph with sidestream capnography and arterial carbon dioxide pressure at 284 kPa. Diving and hyperbaric medicine, 53(4), 327.

Ramasamy R, et al. (2023) Loss of resilience contributes to detrusor underactivity in advanced age. Biogerontology, 24(2), 163.

Kato S, et al. (2023) Blastopore gating mechanism to regulate extracellular fluid excretion. iScience, 26(5), 106585.

Roubenne L, et al. (2023) OP2113, a new drug for chronic hypoxia-induced pulmonary hypertension treatment in rat. British journal of pharmacology, 180(21), 2802.

Dilasser F, et al. (2022) Smooth muscle Rac1 contributes to pulmonary hypertension. British journal of pharmacology, 179(13), 3418.

Riveros-Rivera A, et al. (2022) Hypoxia Differentially Affects Healthy Men and Women During a Daytime Nap With a Dose-Response Relationship: a Randomized, Cross-Over Pilot Study. Frontiers in physiology, 13, 899636.

Malkmus K, et al. (2022) Deletion of classical transient receptor potential 1, 3 and 6 alters pulmonary vasoconstriction in chronic hypoxia-induced pulmonary hypertension in mice. Frontiers in physiology, 13, 1080875.

Lemtiri-Chlieh F, et al. (2022) The hyperpolarization-activated, cyclic nucleotide-gated channel resides on myocytes in mouse bladders and contributes to adrenergic-induced detrusor relaxation. American journal of physiology. Regulatory, integrative and comparative physiology, 323(1), R110.

Elbaz M, et al. (2022) A vibrissa pathway that activates the limbic system. eLife, 11.