

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

Arduino IDE

RRID:SCR_024884

Type: Tool

Proper Citation

Arduino IDE (RRID:SCR_024884)

Resource Information

URL: <https://github.com/arduino/Arduino>

Proper Citation: Arduino IDE (RRID:SCR_024884)

Description: Open-source physical computing platform based on I/O board and development environment that implements the Processing/Wiring language. Arduino can be used to develop stand-alone interactive objects or can be connected to software on your computer.

Synonyms: , Arduino Integrated Development Environment, Arduino IDE 2.2., Arduino IDE 2.0, Arduino IDE 2.x, Arduino IDE 1.x

Resource Type: source code, software resource

Keywords: physical computing platform, develop stand-alone interactive objects, connected to software,

Availability: Free, Available for download, Freely available

Resource Name: Arduino IDE

Resource ID: SCR_024884

Alternate URLs: <https://www.arduino.cc/en/software>, <https://github.com/arduino/arduino-ide?tab=readme-ov-file>, <https://docs.arduino.cc/software/ide/#ide-v2>

License: GNU GPL

Record Creation Time: 20240117T050246+0000

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Ratings and Alerts

No rating or validation information has been found for Arduino IDE .

No alerts have been found for Arduino IDE .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Parkes I, et al. (2026) Precision cutaneous stimulation in freely moving mice. eLife, 14.

Tarcsay G, et al. (2026) Protocol to build open-source Discrimin8 maze to study discrimination of reward-context associations in mice during open-field foraging. STAR protocols, 7(1), 104415.

Chen Y, et al. (2026) A homepage operant paradigm reveals behavioral dynamics of social motivation in mice. Cell reports methods, 6(4), 101374.

Lezgiyeva K, et al. (2026) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. Neuron.

Vo CD, et al. (2026) A low-cost IoT architecture with RF communication and data analytics for real-time productivity monitoring in garment manufacturing. iScience, 29(1), 114536.

Hosford PS, et al. (2026) Control of representation updating by higher-order thalamus enables history-based decision-making. Neuron.

AbdelRahman NY, et al. (2026) Composing trajectories for rapid inference of navigational goals. Neuron.

Isaac J, et al. (2025) Protocol for the quantitative assessment of social and nonsocial reward-seeking in mice using an automated two choice operant assay. STAR protocols, 6(2), 103788.

Bidgoli MA, et al. (2025) Brain activity patterns reflecting security perceptions of female cyclists in virtual reality experiments. Scientific reports, 15(1), 761.

Mueller M, et al. (2025) The SnackerTracker: A novel home-cage monitoring device for measuring food-intake and food-seeking behaviour in mice. Wellcome open research, 10, 172.

Khapre A, et al. (2025) Organic crystal active waveguide as an all-angle signal receiver and transmission platform for encrypted visible light communication. Nature communications, 16(1), 10862.

Wang Y, et al. (2025) Protocol to set up the immuno-microfluidic system for rapid measurement of salivary cortisol level. STAR protocols, 6(4), 104091.

Glomp G, et al. (2025) Open-access smart blood pump platform for controlling extracorporeal membrane oxygenation. HardwareX, 22, e00644.

Mucha S, et al. (2025) A microcontroller-based system for flexible oxygen control in laboratory experiments. The Journal of experimental biology, 228(1).

Zobel OM, et al. (2025) OASIS-UROS: Open acquisition system for IEPE sensors - upgraded, refined, and overhauled software. HardwareX, 23, e00650.

Katz DS, et al. (2025) Rotapollen Sampler: An affordable, portable, and programmable rotorod-style device for measuring airborne pollen concentrations. HardwareX, 24, e00712.

Müller M, et al. (2025) Svalbard Marginal Ice Zone 2024: A distributed network of temperature, waves, and sea ice drift observations. Scientific data, 12(1), 1599.

Efron B, et al. (2025) Detection and neural encoding of whisker-generated sounds in mice. Current biology : CB, 35(6), 1211.

Rajamannar P, et al. (2025) Neuropeptide oxytocin facilitates its own brain-to-periphery uptake. Cell reports, 44(4), 115491.

Biagi R, et al. (2024) Development and machine learning-based calibration of low-cost multiparametric stations for the measurement of CO₂ and CH₄ in air. Heliyon, 10(9), e29772.