

Resource Summary Report

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Swift

RRID:SCR_013018

Type: Tool

Proper Citation

Swift (RRID:SCR_013018)

Resource Information

URL: <http://sourceforge.net/projects/swiftnng/>

Proper Citation: Swift (RRID:SCR_013018)

Description: An open source package for primary data analysis on next-gen sequence data from images to basecalls. Currently Swift is targeted toward Solexa/Illumina sequencing, but is designed to be platform agnostic.

Abbreviations: Swift

Resource Type: software resource

Availability: Open unspecified license

Resource Name: Swift

Resource ID: SCR_013018

Alternate IDs: OMICS_01157

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260815T182435+0000

Ratings and Alerts

No rating or validation information has been found for Swift.

No alerts have been found for Swift.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Lahens NF, et al. (2026) TracMyAir: Smartphone-enabled spatiotemporal estimates for inhaled doses of particulate matter and ozone to personalize health outcomes. medRxiv : the preprint server for health sciences.

Meyer AM, et al. (2026) Identifying Predictors of Gambling Episodes and Craving Using Ecological Momentary Assessment and Smartwatch-Based Physiological Measures: Protocol for a Longitudinal Observational Study. JMIR research protocols, 15, e82782.

Garg B, et al. (2025) MICAL2 Promotes Pancreatic Cancer Growth and Metastasis. Cancer research, 85(6), 1049.

Brown AP, et al. (2025) Silencing TET1 expression alters the epigenomic landscape and amplifies transcriptomic responses to allergen in airway epithelial cells. Environmental epigenetics, 11(1), dvaf007.

Clink DJ, et al. (2025) Automated Detection of Gibbon Calls From Passive Acoustic Monitoring Data Using Convolutional Neural Networks in the "Torch for R" Ecosystem. Ecology and evolution, 15(7), e71678.

Koerner J, et al. (2025) Towards scalable screening for the early detection of Parkinson's disease: validation of an iPad-based eye movement assessment system against a clinical-grade eye tracker. NPJ Parkinson's disease, 11(1), 233.

Cook D, et al. (2025) Understanding the Relationship Between Ecological Momentary Assessment Methods, Sensed Behavior, and Responsiveness: Cross-Study Analysis. JMIR mHealth and uHealth, 13, e57018.

Shen J, et al. (2025) Improved circulating tumor DNA identification for detection of esophageal squamous cell carcinoma by enzymatic methyl sequencing and hybrid neural network. Scientific reports, 15(1), 33004.

Smoliga JM, et al. (2025) The folklore of the "Swift" effect - lessons for medical research and clinical practice. PloS one, 20(9), e0315560.

Hashimoto W, et al. (2024) A smartphone application for personalized facial aesthetic monitoring. Skin research and technology : official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI), 30(7), e13824.

Vauclare P, et al. (2024) Stress-induced nucleoid remodeling in *Deinococcus radiodurans* is associated with major changes in Heat Unstable (HU) protein dynamics. Nucleic acids research, 52(11), 6406.

Popov P, et al. (2024) A simple but tough-to-beat baseline for fMRI time-series classification. NeuroImage, 303, 120909.

Desai M, et al. (2024) A comparison of EEG encoding models using audiovisual stimuli and their unimodal counterparts. *PLoS computational biology*, 20(9), e1012433.

Antonacci G, et al. (2024) Study of Whole blood in Frontline Trauma (SWiFT): implementation study protocol. *BMJ open*, 14(2), e078953.

Deng Z, et al. (2023) Early detection of hepatocellular carcinoma via no end-repair enzymatic methylation sequencing of cell-free DNA and pre-trained neural network. *Genome medicine*, 15(1), 93.

Topalovic U, et al. (2023) A wearable platform for closed-loop stimulation and recording of single-neuron and local field potential activity in freely moving humans. *Nature neuroscience*, 26(3), 517.

Catapano C, et al. (2023) Biased activation of the receptor tyrosine kinase HER2. *Cellular and molecular life sciences : CMLS*, 80(6), 158.

Wielg-Piasecka I, et al. (2023) Soil Organic Matter Composition and pH as Factors Affecting Retention of Carbaryl, Carbofuran and Metolachlor in Soil. *Molecules (Basel, Switzerland)*, 28(14).

Kaufmann E, et al. (2023) Champion-level drone racing using deep reinforcement learning. *Nature*, 620(7976), 982.

Brown AP, et al. (2023) TET1 regulates responses to house dust mite by altering chromatin accessibility, DNA methylation, and gene expression in airway epithelial cells. *Research square*.