

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: 20260801T190443+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 74 mentions in open access literature.

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

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

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.

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.

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.

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.

Rovati L, et al. (2023) Development and usability testing of a patient digital twin for critical care education: a mixed methods study. *Frontiers in medicine*, 10, 1336897.

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*.

Moss J, et al. (2023) Megakaryocyte- and erythroblast-specific cell-free DNA patterns in plasma and platelets reflect thrombopoiesis and erythropoiesis levels. *Nature communications*, 14(1), 7542.