Resource Summary Report

Generated by NIF on Apr 17, 2025

Swift

RRID:SCR_013018
Type: Tool

Proper Citation

Swift (RRID:SCR_013018)

Resource Information

URL: http://sourceforge.net/projects/swiftng/

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

Funding:

Availability: Open unspecified license

Resource Name: Swift

Resource ID: SCR_013018

Alternate IDs: OMICS_01157

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250410T070324+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 67 mentions in open access literature.

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

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.

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

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.

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.

?wiel?g-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.

Wang J, et al. (2023) Anisotropic Hardening of TRIP780 Steel Sheet: Experiments and Analytical Modeling. Materials (Basel, Switzerland), 16(4).

Chikwetu L, et al. (2023) Automated Diet Capture Using Voice Alerts and Speech Recognition on Smartphones: Pilot Usability and Acceptability Study. JMIR formative research, 7, e46659.

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.

Layton BA, et al. (2022) Evaluation of a Wastewater-Based Epidemiological Approach to Estimate the Prevalence of SARS-CoV-2 Infections and the Detection of Viral Variants in Disparate Oregon Communities at City and Neighborhood Scales. Environmental health perspectives, 130(6), 67010.

Alwakeel L, et al. (2022) Functional and Technical Aspects of Self-management mHealth Apps: Systematic App Search and Literature Review. JMIR human factors, 9(2), e29767.

Roccapriore KM, et al. (2022) Physics Discovery in Nanoplasmonic Systems via Autonomous Experiments in Scanning Transmission Electron Microscopy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(36), e2203422.

Wilson ER, et al. (2022) Focal disruption of DNA methylation dynamics at enhancers in IDH-mutant AML cells. Leukemia, 36(4), 935.

Wu Q, et al. (2022) Phase-selective recrystallization makes eutectic high-entropy alloys ultra-ductile. Nature communications, 13(1), 4697.