Resource Summary Report

Generated by RRID on Aug 4, 2026

PyWavelets

RRID:SCR_024421
Type: Tool

Proper Citation

PyWavelets (RRID:SCR_024421)

Resource Information

URL: https://github.com/PyWavelets/pywt

Proper Citation: PyWavelets (RRID:SCR_024421)

Description: Software Python package for wavelet analysis.

Resource Type: software resource, data processing software, software application, data analysis software

Keywords: Python, wavelet analysis,

Availability: Free, Available for download, Freely available

Resource Name: PyWavelets

Resource ID: SCR_024421

License: MIT license

Record Creation Time: 20230913T050234+0000

Record Last Update: 20260804T043840+0000

Ratings and Alerts

No rating or validation information has been found for PyWavelets.

No alerts have been found for PyWavelets.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Li W, et al. (2025) Spectroscopic detection of cotton Verticillium wilt by spectral feature selection and machine learning methods. Frontiers in plant science, 16, 1519001.

Huang L, et al. (2025) Wavelet Phase Coherence Analysis of Oxyhemoglobin and DeoxyHemoglobin Oscillations to Investigate the Relationship Between Cups of Cupping Therapy. Journal of biophotonics, 18(1), e202400337.

Won J, et al. (2025) Enhancing 3D dopamine transporter imaging as a biomarker for Parkinson's disease via self-supervised learning with diffusion models. Cell reports. Medicine, 6(7), 102207.

Hu X, et al. (2024) DENOISING: Dynamic enhancement and noise overcoming in multimodal neural observations via high-density CMOS-based biosensors. Frontiers in bioengineering and biotechnology, 12, 1390108.

Qian H, et al. (2024) Role of peritumoral tissue analysis in predicting characteristics of hepatocellular carcinoma using ultrasound-based radiomics. Scientific reports, 14(1), 11538.

Kage D, et al. (2024) Cell sorting based on pulse shapes from angle resolved detection of scattered light. Communications biology, 7(1), 1063.

Liu WQ, et al. (2024) Development and Validation of an MRI-Based Radiomics Nomogram to Predict the Prognosis of De Novo Oligometastatic Prostate Cancer Patients. Cancer medicine, 13(24), e70481.

Bennett JJR, et al. (2024) Low-frequency ERK and Akt activity dynamics are predictive of stochastic cell division events. NPJ systems biology and applications, 10(1), 65.

Qin S, et al. (2024) Prediction of pathological response and lymph node metastasis after neoadjuvant therapy in rectal cancer through tumor and mesorectal MRI radiomic features. Scientific reports, 14(1), 21927.

Lin YD, et al. (2023) A Frequency Estimation Scheme Based on Gaussian Average Filtering Decomposition and Hilbert Transform: With Estimation of Respiratory Rate as an Example. Sensors (Basel, Switzerland), 23(8).

Kulyabin M, et al. (2023) Enhancing Electroretinogram Classification with Multi-Wavelet Analysis and Visual Transformer. Sensors (Basel, Switzerland), 23(21).

Zemel D, et al. (2022) Dopamine depletion selectively disrupts interactions between striatal neuron subtypes and LFP oscillations. Cell reports, 38(3), 110265.

Hu H, et al. (2022) A Modified PINN Approach for Identifiable Compartmental Models in Epidemiology with Application to COVID-19. Viruses, 14(11).