

Resource Summary Report

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Python Programming Language

RRID:SCR_008394

Type: Tool

Proper Citation

Python Programming Language (RRID:SCR_008394)

Resource Information

URL: <http://www.python.org/>

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Description: Programming language for all operating systems that lets users work more quickly and integrate their systems more effectively. Often compared to Tcl, Perl, Ruby, Scheme or Java. Some of its key distinguishing features include very clear and readable syntax, strong introspection capabilities, intuitive object orientation, natural expression of procedural code, full modularity, exception-based error handling, high level dynamic data types, extensive standard libraries and third party modules for virtually every task, extensions and modules easily written in C, C (or Java for Python, or .NET languages for IronPython), and embeddable within applications as a scripting interface.

Synonyms: Python3, Python

Resource Type: programming language, software resource

Keywords: programming language

Availability: Free, Public, Freely available

Resource Name: Python Programming Language

Resource ID: SCR_008394

Alternate IDs: nif-0000-30053

License: Open Source licence

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260912T200237+0000

Ratings and Alerts

No rating or validation information has been found for Python Programming Language.

No alerts have been found for Python Programming Language.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2849 mentions in open access literature.

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

Wendt FT, et al. (2026) Determination of Ophthalmic Parameters and Ocular Morphology in Ring-Necked Parakeets (*Psittacula krameri*). *Veterinary ophthalmology*, 29(1), e70032.

Cano G, et al. (2026) Conditions for replay of neuronal assemblies. *PLoS computational biology*, 22(1), e1013844.

Bolen ML, et al. (2026) Spatial single-cell multiomics reveals peripheral immune dysfunction in Parkinson's and inflammatory bowel disease. *NPJ Parkinson's disease*, 12(1), 25.

Molina MO, et al. (2026) Emerging heat stress patterns across India under future climate scenarios. *Scientific reports*, 16(1), 5565.

Liu YY, et al. (2026) Assessing whether rectal swabs reflect appendiceal microbiota profiles in acute appendicitis: a 16S rRNA-based comparative study. *Gut pathogens*, 18(1), 10.

Bell AD, et al. (2026) Allelic Variation at tRNA Genes in Three Nematode Species Indicates Mutation Load Despite Strong Purifying Selection. *Genome biology and evolution*, 18(3).

Lv D, et al. (2026) A comprehensive multi-task deep learning model for kidney cancer: histological subtyping, clinical staging, and anatomical complexity grading. *European radiology*, 36(6), 4513.

Liu Z, et al. (2026) A Multimodal Model for Caries Screening Using Intraoral Images and Questionnaires. *International dental journal*, 76(2), 109420.

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

Kabir MR, et al. (2026) Exploring the factors of premenstrual tension syndrome and their influence on academic performance among female university students in Bangladesh: A cross-sectional study. *Women's health (London, England)*, 22, 17455057261429272.

Kawazu M, et al. (2026) Genomic and Transcriptomic Analysis of High-Grade Endometrial Carcinoma Reveals Biological Heterogeneity and Molecular Classification Challenges.

Cancer research communications, 6(4), 961.

Possidente T, et al. (2026) Interactions between sensory-biased and supramodal working memory networks in the human cerebral cortex. *Communications biology*, 9(1).

Li J, et al. (2026) Nomogram combining ultrasound radiomics and clinical factors for predicting placenta accreta spectrum in patients with placenta previa: a two-center study. *BMC medical imaging*, 26(1).

Colpo M, et al. (2026) Anomaly Detection for Structural and Functional Connectivity in Glioma Patients. *NMR in biomedicine*, 39(4), e70238.

Hemmi C, et al. (2026) Neuropeptidergic circuit modulation of developmental sleep in *Drosophila*. *eLife*, 14.

Hwang J, et al. (2026) Development of K-CORE: a web-based platform for integrated clinico-genomic analysis. *Life science alliance*, 9(8).

Xing ZC, et al. (2026) Association between the imbalance in peripheral lymphocyte subsets and pneumonia-associated acute respiratory distress syndrome in adults: a cross-sectional study. *Frontiers in medicine*, 13, 1753313.

Varani AP, et al. (2026) Multiple functions of cerebello-thalamic neurons in learning and offline consolidation of a motor skill in mice. *eLife*, 13.

Zhang Y, et al. (2026) Preoperative prediction of tumor budding grade in rectal cancer by combining APT histogram analysis and ADC MRI. *European radiology experimental*, 10(1).

Zhang L, et al. (2026) Integrating MRI habitat heterogeneity and peritumoral radiomics into a nomogram for optimized risk stratification in locally advanced rectal cancer: a multicenter study. *Frontiers in oncology*, 16, 1739343.