Resource Summary Report

Generated by NIF on Apr 20, 2025

PyMOL

RRID:SCR_000305 Type: Tool

Proper Citation

PyMOL (RRID:SCR_000305)

Resource Information

URL: http://www.pymol.org/

Proper Citation: PyMOL (RRID:SCR_000305)

Description: A user-sponsored molecular visualization software system on an open-source foundation. The software has the capabilities to view, render, animate, export, present and develop three dimensional molecular structures.

Resource Type: 3d visualization software, software application, software resource, data processing software, data visualization software

Keywords: visualization, molecule, 3d, molecular structure visualization, molecular visualization system,

Funding:

Availability: Restricted

Resource Name: PyMOL

Resource ID: SCR_000305

Alternate IDs: nlx_156834, OMICS_03802

Alternate URLs: https://sources.debian.org/src/pymol/

Record Creation Time: 20220129T080200+0000

Record Last Update: 20250420T013939+0000

Ratings and Alerts

No rating or validation information has been found for PyMOL.

No alerts have been found for PyMOL.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3337 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Hwang J, et al. (2025) Structurally Oriented Classification of FOXA1 Alterations Identifies Prostate Cancers with Opposing Clinical Outcomes and Distinct Molecular and Immunologic Subtypes. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 936.

Shaheer K, et al. (2024) Breast cancer cells are sensitized by piperine to radiotherapy through estrogen receptor-? mediated modulation of a key NHEJ repair protein- DNA-PK. Phytomedicine : international journal of phytotherapy and phytopharmacology, 122, 155126.

Frumento N, et al. (2024) Neutralizing antibodies evolve to exploit vulnerable sites in the HCV envelope glycoprotein E2 and mediate spontaneous clearance of infection. Immunity, 57(1), 40.

Li H, et al. (2024) Two rare variants that affect the same amino acid in CFTR have distinct responses to ivacaftor. The Journal of physiology, 602(2), 333.

Ogega CO, et al. (2024) Convergent evolution and targeting of diverse E2 epitopes by human broadly neutralizing antibodies are associated with HCV clearance. Immunity.

Mahana Y, et al. (2024) Structural evidence for protein-protein interaction between the noncanonical methyl-CpG-binding domain of SETDB proteins and C11orf46. Structure (London, England : 1993), 32(3), 304.

Howard GC, et al. (2024) Ribosome subunit attrition and activation of the p53-MDM4 axis dominate the response of MLL-rearranged cancer cells to WDR5 WIN site inhibition. eLife, 12.

Rao S, et al. (2024) Three-step docking by WIPI2, ATG16L1, and ATG3 delivers LC3 to the phagophore. Science advances, 10(6), eadj8027.

Xu Y, et al. (2024) Osteosarcoma Cells Secrete CXCL14 That Activates Integrin ?11?1 on

Fibroblasts to Form a Lung Metastatic Niche. Cancer research, 84(7), 994.

Thomas JR, et al. (2024) Abcg2a is the functional homolog of human ABCG2 expressed at the zebrafish blood-brain barrier. Fluids and barriers of the CNS, 21(1), 27.

Salvador-Garcia D, et al. (2024) A force-sensitive mutation reveals a non-canonical role for dynein in anaphase progression. The Journal of cell biology, 223(10).

Cairo LV, et al. (2024) Stress-dependent condensate formation regulated by the ubiquitinrelated modifier Urm1. Cell, 187(17), 4656.

Zhang R, et al. (2024) Analysis of Tumor-Associated AXIN1 Missense Mutations Identifies Variants That Activate ?-Catenin Signaling. Cancer research, 84(9), 1443.

Wang H, et al. (2024) The genomes of Dahlia pinnata, Cosmos bipinnatus, and Bidens alba in tribe Coreopsideae provide insights into polyploid evolution and inulin biosynthesis. GigaScience, 13.

Di JW, et al. (2024) Repositioning baloxavir marboxil as VISTA agonist that ameliorates experimental asthma. Cell biology and toxicology, 40(1), 12.

Sampathkumar P, et al. (2024) Targeted protein degradation systems to enhance Wnt signaling. eLife, 13.

Cai SW, et al. (2024) POT1 recruits and regulates CST-Pol?/primase at human telomeres. Cell, 187(14), 3638.

Hulin-Curtis S, et al. (2024) A targeted single mutation in influenza A virus universal epitope transforms immunogenicity and protective immunity via CD4+ T cell activation. Cell reports, 43(6), 114259.

Darling S, et al. (2024) The C-terminal disordered loop domain of Apc8 unlocks APC/C mitotic activation. Cell reports, 43(6), 114262.

He Y, et al. (2024) PredCoffee: A binary classification approach specifically for coffee odor. iScience, 27(6), 110041.