

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

[pyPCcazip](#)

RRID:SCR_024423

Type: Tool

Proper Citation

pyPCcazip (RRID:SCR_024423)

Resource Information

URL: <https://github.com/ElsevierSoftwareX/SOFTX-D-15-00082>

Proper Citation: pyPCcazip (RRID:SCR_024423)

Description: Software PCA-based toolkit for compression and analysis of molecular simulation data. Used for compression and analysis of molecular dynamics (MD) simulation data.

Resource Type: software resource, source code

Defining Citation: [DOI:10.1016/j.softx.2016.04.002](https://doi.org/10.1016/j.softx.2016.04.002)

Keywords: data compression and analysis, molecular simulation data,

Availability: Free, Available for download, Freely available

Resource Name: pyPCcazip

Resource ID: SCR_024423

License: BSD license

Record Creation Time: 20230913T050234+0000

Record Last Update: 20260731T043139+0000

Ratings and Alerts

No rating or validation information has been found for pyPCcazip.

No alerts have been found for pyPCcazip.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Morales-Tenorio M, et al. (2025) From Diarylsulfides to Diarylamines: New Ebola Virus Entry Inhibitors with Improved Metabolic Stability. *Journal of medicinal chemistry*, 68(11), 11786.

Morales-Tenorio M, et al. (2024) Discovery of Thiophene Derivatives as Potent, Orally Bioavailable, and Blood-Brain Barrier-Permeable Ebola Virus Entry Inhibitors. *Journal of medicinal chemistry*, 67(18), 16381.

Aledavood E, et al. (2021) Structural basis of the selective activation of enzyme isoforms: Allosteric response to activators of α 1- and α 2-containing AMPK complexes. *Computational and structural biotechnology journal*, 19, 3394.

Aledavood E, et al. (2021) Elucidating the Activation Mechanism of AMPK by Direct Pan-Activator PF-739. *Frontiers in molecular biosciences*, 8, 760026.