

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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:** 20260808T190711+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](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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  $\gamma$ 1- and  $\gamma$ 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.