

# Resource Summary Report

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

## Biotite

RRID:SCR\_017593

Type: Tool

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### Proper Citation

Biotite (RRID:SCR\_017593)

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### Resource Information

**URL:** <https://www.biotite-python.org/>

**Proper Citation:** Biotite (RRID:SCR\_017593)

**Description:** Software Python package bundling popular tasks in computational molecular biology, from sequence analysis to structural bioinformatics. Comprehensive library for computational molecular biology. Package features sequence and structure data analysis and editing functionality, support for common sequence and structure file formats, visualization capabilities, interfaces to external software (MSA software, BLAST, DSSP). Operating system(s): Windows, OS X, Linux.

**Resource Type:** data processing software, service resource, software toolkit, data analysis software, data visualization software, software resource, software application

**Defining Citation:** [DOI:10.1186/s12859-018-2367-z](https://doi.org/10.1186/s12859-018-2367-z)

**Availability:** Free, Available for download, Freely available

**Resource Name:** Biotite

**Resource ID:** SCR\_017593

**License:** BSD 3-Clause

**Record Creation Time:** 20220129T080336+0000

**Record Last Update:** 20260731T043022+0000

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### Ratings and Alerts

No rating or validation information has been found for Biotite.

No alerts have been found for Biotite.

## 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](#) .

Jonak K, et al. (2024) Ageing-dependent thiol oxidation reveals early oxidation of proteins with core proteostasis functions. Life science alliance, 7(5).

Yang Y, et al. (2024) Improved enzyme functional annotation prediction using contrastive learning with structural inference. Communications biology, 7(1), 1690.

Kunzmann P, et al. (2023) Biotite: new tools for a versatile Python bioinformatics library. BMC bioinformatics, 24(1), 236.

Ho TYH, et al. (2021) A systematic approach to inserting split inteins for Boolean logic gate engineering and basal activity reduction. Nature communications, 12(1), 2200.