Resource Summary Report

Generated by dkNET on Aug 26, 2026

MUON

RRID:SCR_022804
Type: Tool

Proper Citation

MUON (RRID:SCR_022804)

Resource Information

URL: https://gtca.github.io/muon/

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Description: Software Python framework designed to work with multimodal omics data. Aims to provide convenience and speed to its users enabling standardised analysis while staying flexible and expandable. Muon stands on shoulders of and integrates with annotated data object specification and scanpy library for single cell analysis in Python.

Synonyms: multimodal omics Python framework

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: Multimodal omics data, standardised analysis, annotated data object specification, scanpy, single cell analysis, Python

Availability: Free, Available for download, Freely available

Resource Name: MUON

Resource ID: SCR_022804

Alternate URLs: https://github.com/scverse/muon

License: BSD 3-Clause "New" or "Revised" License

Record Creation Time: 20220929T050157+0000

Record Last Update: 20260821T194240+0000

Ratings and Alerts

No rating or validation information has been found for MUON.

No alerts have been found for MUON.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Du Z, et al. (2026) SMART: spatial multi-omic aggregation using graph neural networks and metric learning. Nature communications, 17(1).

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. EBioMedicine, 122, 106036.

Bashore AC, et al. (2025) Single-Cell Multimodal Profiling Reveals a Novel CD26+ Fibroblast Subpopulation in Atherosclerosis. bioRxiv : the preprint server for biology.

Gem??nd I, et al. (2025) Characterization of human CMV-specific CD8+ T cells using multi-layer single-cell omics. Cell reports methods, 5(7), 101085.

Chiou KL, et al. (2023) A single-cell multi-omic atlas spanning the adult rhesus macaque brain. Science advances, 9(41), eadh1914.