

Resource Summary Report

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AIMLESS

RRID:SCR_015747

Type: Tool

Proper Citation

AIMLESS (RRID:SCR_015747)

Resource Information

URL: <http://www.ccp4.ac.uk/html/aimless.html>

Proper Citation: AIMLESS (RRID:SCR_015747)

Description: Data processing software for x-ray diffraction data. AIMLESS scales together multiple observations of reflections, and merges multiple observations into an average intensity.

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

Defining Citation: [PMID:23793146](#)

Keywords: xray, differentiation, observation, reflection, scaling, scale

Availability: Free, Available for download

Resource Name: AIMLESS

Resource ID: SCR_015747

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260919T195604+0000

Ratings and Alerts

No rating or validation information has been found for AIMLESS.

No alerts have been found for AIMLESS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 571 mentions in open access literature.

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

Sone K, et al. (2026) Crystal structure of plant γ -glutamyl peptidase 1: implications for sulfur metabolism and secondary metabolite biosynthesis. *The FEBS journal*, 293(5), 1400.

Hanuman DS, et al. (2026) Structural and biochemical insights into the inhibition of *Mycobacterium tuberculosis* cyclic dinucleotide phosphodiesterase by a sulfur-modified cyclic dinucleotide analog. *RSC chemical biology*, 7(5), 880.

Cooper A, et al. (2026) The Crystal Structure of Human Transport and Golgi Organization 2 Homolog (TANGO2) Protein Reveals an $\alpha\beta\gamma\delta$ -Fold Arrangement. *Proteins*, 94(2), 515.

Simões RSM, et al. (2026) Noncatalytic surface electrostatic networks tune thermolability in uracil-DNA glycosylase. *The Journal of biological chemistry*, 302(7), 113212.

Todorovi? N, et al. (2026) Major Cat Allergen Fel d 4: Structure and Identification of a Cross-Reactive IgE-Epitope-Containing Area. *Allergy*, 81(4), 1075.

Román-Trufero M, et al. (2026) A Novel Potent and Selective GCN2 Inhibitor, APL-4098, Has Antileukemic Activity through Dysregulation of Mitochondrial Function. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1846.

Mavridi D, et al. (2026) Targeting the p53 cancer mutants Y220C, Y220N, and Y220S with the small-molecule stabilizer rezatapopt. *Cell death & disease*, 17(1).

Wei ZW, et al. (2026) Crystal structure of RohS, a heme-oxygenase-like N-oxygenase from azomycin biosynthesis. *The Journal of biological chemistry*, 302(5), 111389.

Virta JM, et al. (2026) Restoring the 14-3-3/CRAF regulatory interaction in Noonan syndrome using molecular glues. *Proceedings of the National Academy of Sciences of the United States of America*, 123(18), e2602101123.

Greco FA, et al. (2026) Identification and Validation of 3-Cyano-Quinoline Ligands Targeting Integrin-Linked Kinase (ILK). *Journal of medicinal chemistry*, 69(11), 12982.

Lee E, et al. (2026) *Streptococcus pneumoniae* HtrA is a dynamic and monomeric virulence factor capable of forming larger oligomeric complexes. *Protein science : a publication of the Protein Society*, 35(1), e70411.

Janetzky M, et al. (2026) AcuB senses cellular energy charge to coordinate acetyl-CoA synthesis in bacteria. *Nature communications*, 17(1).

de Lange EMF, et al. (2026) Competition between binding partners of yeast Pex3 affects peroxisome biology. *The FEBS journal*, 293(1), 175.

Rincón TC, et al. (2026) Human antibodies against West Nile and related orthoflaviviruses. *bioRxiv : the preprint server for biology*.

Firth S, et al. (2026) AccA from *Neisseria gonorrhoeae* provides a new framework for understanding periplasmic copper metallochaperones. *Chemical science*, 17(18), 9270.

Verma S, et al. (2026) Structural insights into PFAS- α -lactoglobulin binding mechanism mediating PFAS toxicity. *bioRxiv : the preprint server for biology*.

Alam N, et al. (2026) Structure-guided design of a PfCyRPA-based vaccine against blood-stage malaria. *EMBO molecular medicine*, 18(3), 873.

Wei Q, et al. (2026) Discovery of Spiro[chromane-2,4'-piperidine] Derivatives as Irreversible Inhibitors of SARS-CoV-2 Papain-like Protease. *Journal of medicinal chemistry*, 69(3), 3588.

Rajeshwari R, et al. (2026) Potent and selective indole-based inhibitors targeting disease-transmitting mosquitoes. *RSC medicinal chemistry*, 17(2), 1166.

Betancourt D, et al. (2026) Conformational gating governs nucleotide incorporation by a DNA-crosslinked polymerase. *Nucleic acids research*, 54(10).