

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

Jmol

RRID:SCR_003796

Type: Tool

Proper Citation

Jmol (RRID:SCR_003796)

Resource Information

URL: <http://jmol.sourceforge.net/>

Proper Citation: Jmol (RRID:SCR_003796)

Description: An open-source Java viewer for chemical structures in 3D with features for chemicals, crystals, materials and biomolecules. It is cross-platform, running on Windows, Mac OS X, and Linux/Unix systems and features an applet, application, and systems integration component.

Abbreviations: Jmol

Synonyms: Jmol: an open-source Java viewer for chemical structures in 3D

Resource Type: software resource, software application, standalone software, d visualization software

Defining Citation: [PMID:28472503](#), [PMID:28316648](#)

Keywords: chemical, crystal, material, biomolecule, java

Availability: GNU Lesser General Public License, Acknowledgement requested

Resource Name: Jmol

Resource ID: SCR_003796

Alternate IDs: nlx_158093

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260731T042651+0000

Ratings and Alerts

No rating or validation information has been found for Jmol.

No alerts have been found for Jmol.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 233 mentions in open access literature.

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

Chen Z, et al. (2025) Nitrogen heterocyclic covalent organic frameworks for efficient H₂O₂ photosynthesis and in situ water treatment. *Nature communications*, 16(1), 6943.

Cheregi MC, et al. (2025) Curcumin Electroanalysis at a Disposable Graphite Electrode. *Biosensors*, 15(3).

Cobas-Carretero M, et al. (2025) Drug screening targeting TREM2-TYROBP transmembrane binding. *Molecular medicine (Cambridge, Mass.)*, 31(1), 171.

Alexander RD, et al. (2025) The Arabidopsis PM19L1 Protein Functions as a Regulator of Germination Under Osmotic Stress. *Plant direct*, 9(5), e70059.

Gupta S, et al. (2025) Perspectives on electron transfer kinetics across graphene-family nanomaterials and interplay of electronic structure with defects and quantum capacitance. *Scientific reports*, 15(1), 19722.

Chen Y, et al. (2025) New use of an old drug: mechanism of oseltamivir phosphate inhibiting liver cancer through regulation of lipophagy via NEU1. *Frontiers in pharmacology*, 16, 1556661.

Carneiro LM, et al. (2025) Computational-Assisted Development of Molecularly Imprinted Polymers for Synthetic Cannabinoid Recognition. *ACS omega*, 10(30), 33220.

Galeva AV, et al. (2025) Tat-fimbriae ("tafi"): An unusual type of haloarchaeal surface structure depending on the twin-arginine translocation pathway. *iScience*, 28(2), 111793.

Hassan A, et al. (2025) Redox-Guided DNA Scanning by the Dynamic Repair Enzyme Endonuclease III. *Biochemistry*, 64(4), 782.

El-Naggar AM, et al. (2025) Cystathionine gamma-lyase-mediated hypoxia inducible factor 1-alpha expression drives clear cell ovarian cancer progression. *The Journal of pathology*, 266(3), 352.

Heimer G, et al. (2025) Biallelic PIGM Coding Variant Causes Intractable Epilepsy and Intellectual Disability Without Thrombotic Events. *Clinical genetics*, 107(2), 179.

Pankow S, et al. (2025) In vivo conformational space and defects of misfolded CFTR variants by covalent protein painting. *Nature communications*, 16(1), 10131.

Borgert CJ, et al. (2025) Octamethylcyclotetrasiloxane (D4) lacks endocrine disruptive potential via estrogen pathways. *Archives of toxicology*, 99(4), 1431.

Harnying W, et al. (2025) Gas-phase Curtius and Wolff rearrangement reactions investigated by tandem-MS, IR ion spectroscopy and theory. *Physical chemistry chemical physics : PCCP*, 27(25), 13543.

Moradkasani S, et al. (2025) Development of a multi-epitope vaccine from outer membrane proteins and identification of novel drug targets against *Francisella tularensis*: an In Silico approach. *Frontiers in immunology*, 16, 1479862.

Arakawa K, et al. (2025) Self-Assembled Vesicles of Emissive Surfactants in Water: Structural Characterization and Photophysical Insights. *The journal of physical chemistry. B*, 129(50), 12988.

Abbott GW, et al. (2024) Discovery of a potent, Kv7.3-selective potassium channel opener from a Polynesian traditional botanical anticonvulsant. *Communications chemistry*, 7(1), 233.

Nabi T, et al. (2024) Deep learning based predictive modeling to screen natural compounds against TNF-alpha for the potential management of rheumatoid arthritis: Virtual screening to comprehensive in silico investigation. *PloS one*, 19(12), e0303954.

Shahbazi S, et al. (2024) In silico and in vivo Investigations of the Immunoreactivity of *Klebsiella pneumoniae* OmpA Protein as a Vaccine Candidate. *Iranian biomedical journal*, 28(4), 156.

Mishra SK, et al. (2024) Thousands of oscillating LncRNAs in the mouse testis. *Computational and structural biotechnology journal*, 23, 330.