

Resource Summary Report

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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: 20260801T190233+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 [ASWG](#) .

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

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.

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

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

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

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.