

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: d visualization software, software application, software resource, standalone 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: 20260821T193715+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 245 mentions in open access literature.

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

Parashchuk OD, et al. (2026) Effect of Electron-Withdrawing Substituents on Raman Spectra of Diaryl-BTBT Derivatives. International journal of molecular sciences, 27(11).

Müller D, et al. (2026) Structural Aspects of Lithium-Ion Conduction in the Phosphidotitanate Li₈TiP₄ and Its Comparison With Li₇₊₅ xTa₁- xP₄ and Li₈- xTi₁- xTa_xP₄. Chemistry (Weinheim an der Bergstrasse, Germany), 32(13), e03124.

Sigrist CJA, et al. (2026) The PROSITE database for protein families, domains, and sites. Nucleic acids research, 54(D1), D451.

Singh A, et al. (2026) Frontier Orbital Engineering in Heteroatom-Doped Prototypical Organic Dyes for Dye-Sensitized Solar Cells. The journal of physical chemistry. A, 130(23), 4331.

Ghazi-Soltani G, et al. (2026) Functional insights into nucleoside diphosphate kinases encoded by two ndk paralogs in Waddlia chondrophila. Current research in microbial sciences, 11, 100635.

Peterson MR, et al. (2026) Regulation of hyphal development by protein kinase A, stress-responsive MAP kinases, and calcineurin via transcription factors Sfl1 and Sfl2 in Candida albicans. mSphere, 11(2), e0068925.

Xu T, et al. (2026) Tuning of Electron-Donating Metal-Organic Frameworks toward High-Performance Triboelectric Nanogenerators for Self-Powered Shear Sensing. ACS applied materials & interfaces, 18(12), 18221.

Somer M, et al. (2026) Sodium Tetraazidoaurate(III)-From Na[AuCl₄].2H₂O to Na[Au(N₃)₄] and Beyond One Step at a Time. Chemistry (Weinheim an der Bergstrasse, Germany), 32(22), e02800.

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

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

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.

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.

Elrashedy A, et al. (2025) Phylogenetic and evolutionary analysis of VP1 coding sequences of foot-and-mouth disease virus serotypes A, O, and SAT2 in Egypt. *Virology journal*, 23(1), 24.

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

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

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.

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.

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