Resource Summary Report

Generated by dkNET on May 21, 2025

VMD

RRID:SCR_024368
Type: Tool

Proper Citation

VMD (RRID:SCR_024368)

Resource Information

URL: http://www.ks.uiuc.edu/Research/vmd/

Proper Citation: VMD (RRID:SCR_024368)

Description: Software tool as molecular visualization program for displaying, animating, and analyzing large biomolecular systems using 3-D graphics and built-in scripting. VMD supports computers running MacOS X, Unix, or Windows, is distributed free of charge, and includes source code.

Synonyms: vmd

Resource Type: software resource, software application

Keywords: molecular visualization, displaying, animating, analyzing, large biomolecular systems, .

Funding:

Availability: Free, Available for download, Freely available,

Resource Name: VMD

Resource ID: SCR_024368

Old URLs: https://sources.debian.org/src/vmd/

Record Creation Time: 20230830T050217+0000

Record Last Update: 20250519T205038+0000

Ratings and Alerts

No rating or validation information has been found for VMD.

No alerts have been found for VMD.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Camargo PG, et al. (2025) In vitro assays identified thiohydantoins with anti-trypanosomatid activity and molecular modelling studies indicated possible selective CYP51 inhibition. Scientific reports, 15(1), 465.

Abdalfattah S, et al. (2024) Identification of Antagonistic Action of Pyrrolizidine Alkaloids in Muscarinic Acetylcholine Receptor M1 by Computational Target Prediction Analysis. Pharmaceuticals (Basel, Switzerland), 17(1).

Danilov SM, et al. (2024) Carriers of Heterozygous Loss-of-Function ACE Mutations Are at Risk for Alzheimer's Disease. Biomedicines, 12(1).

Zoine JT, et al. (2024) Peptide-scFv antigen recognition domains effectively confer CAR T cell multiantigen specificity. Cell reports. Medicine, 5(2), 101422.

Schumann J, et al. (2024) Ten-electron count rule for the binding of adsorbates on single-atom alloy catalysts. Nature chemistry, 16(5), 749.

Camargo PG, et al. (2024) Py-CoMFA, docking, and molecular dynamics simulations of Leishmania (L.) amazonensis arginase inhibitors. Scientific reports, 14(1), 11575.

Tourkova IL, et al. (2024) Chloride/proton antiporters ClC3 and ClC5 support bone formation in mice. Bone reports, 21, 101763.

Nelic D, et al. (2024) Agonist-selective activation of individual G-proteins by muscarinic receptors. Scientific reports, 14(1), 9652.

Bakhtiari MA, et al. (2024) Investigation the behavior of different fullerenes on graphene surface. Scientific reports, 14(1), 18220.

Saillant V, et al. (2024) HssS activation by membrane heme defines a paradigm for two-component system signaling in Staphylococcus aureus. mBio, 15(6), e0023024.

Hossain A, et al. (2024) Role of cold shock proteins B and D in Aeromonas salmonicida subsp. salmonicida physiology and virulence in lumpfish (Cyclopterus lumpus). Infection and immunity, 92(8), e0001124.

Arend C, et al. (2024) Modulation of Multidrug Resistance Protein 1-mediated Transport Processes by the Antiviral Drug Ritonavir in Cultured Primary Astrocytes. Neurochemical research, 49(1), 66.

Gambelli L, et al. (2024) Structure of the two-component S-layer of the archaeon Sulfolobus acidocaldarius. eLife, 13.

Schotte F, et al. (2024) Watching a signaling protein function: What has been learned over four decades of time-resolved studies of photoactive yellow protein. Structural dynamics (Melville, N.Y.), 11(2), 021303.

Ulmschneider JP, et al. (2024) Melittin can permeabilize membranes via large transient pores. Nature communications, 15(1), 7281.

Luo Y, et al. (2023) Graphene quantum dots blocking the channel egresses of cytochrome P450 enzyme (CYP3A4) reveals potential toxicity. Scientific reports, 13(1), 21091.

Zhou M, et al. (2023) Targeted mutagenesis of the herpesvirus fusogen central helix captures transition states. Nature communications, 14(1), 7958.

Li G, et al. (2023) Evolution and distribution of rabies viruses from a panorama view. Microbiology spectrum, 11(5), e0525722.

Remm S, et al. (2023) Structural basis for triacylglyceride extraction from mycobacterial inner membrane by MFS transporter Rv1410. Nature communications, 14(1), 6449.

Ju X, et al. (2023) SARS-CoV-2 main protease cleaves MAGED2 to antagonize host antiviral defense. mBio, 14(4), e0137323.