

Resource Summary Report

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AutoDock Vina

RRID:SCR_011958

Type: Tool

Proper Citation

AutoDock Vina (RRID:SCR_011958)

Resource Information

URL: <http://vina.scripps.edu/>

Proper Citation: AutoDock Vina (RRID:SCR_011958)

Description: An open-source program for doing molecular docking.

Abbreviations: AutoDock Vina

Resource Type: software resource

Defining Citation: [PMID:34278794](#), [PMID:19499576](#), [DOI:10.1002/jcc.21334](#)

Keywords: bio.tools

Availability: Open unspecified license

Resource Name: AutoDock Vina

Resource ID: SCR_011958

Alternate IDs: biotools:autodock_vina, OMICS_01595, OMICS_03790

Alternate URLs: https://bio.tools/autodock_vina, <https://sources.debian.org/src/avogadro/>

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260801T190432+0000

Ratings and Alerts

No rating or validation information has been found for AutoDock Vina.

No alerts have been found for AutoDock Vina.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1885 mentions in open access literature.

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

Li H, et al. (2026) PDZRN4 suppresses lung adenocarcinoma progression via inhibiting ubiquitin-mediated HIF-1A degradation. *Oncogene*, 45(4), 577.

Zhang H, et al. (2026) When glycobiology meets inflammasome activation: Insights and implications. *Journal of advanced research*, 79, 833.

Gao X, et al. (2026) Salvianolic acid A from *Salvia miltiorrhiza* identified as a cap-dependent endonuclease inhibitor for pathogenic arenaviruses. *Acta pharmacologica Sinica*, 47(1), 173.

García-Cerón G, et al. (2026) Enzymatically Synthesized Poly(Gallic Acid) Modulates Methionine Synthase Activity and Neuroblastoma Morphology in Contrast to Phthalate-Type Endocrine Disruptors. *Biopolymers*, 117(1), e70074.

Wang R, et al. (2026) Apolipoprotein C1 functions as a target of thyroid carcinoma and synergistic effects with promising candidate-cyclopamine. *Translational oncology*, 63, 102617.

Basharat Z, et al. (2025) Proteome mining of *Yersinia Enterocolitica* for drug targets and computational inhibitor identification with ADMET, anti-inflammation potential and formulation characteristics. *BioData mining*, 18(1), 68.

Sengupta S, et al. (2025) Dishevelled localization and function are differentially regulated by structurally distinct sterols. *iScience*, 28(6), 112704.

Borar P, et al. (2025) Dual-specific autophosphorylation of kinase IKK2 enables phosphorylation of substrate I β B γ through a phosphoenzyme intermediate. *eLife*, 13.

Li C, et al. (2025) Bacterial anti-toxin HigA dysregulates host intestinal serotonin homeostasis in a T6SS-dependent manner. *Cell reports*, 44(9), 116212.

Sette-de-Souza PH, et al. (2025) SARS-CoV-2 proteins show great binding affinity to resin composite monomers and polymerized chains. *World journal of experimental medicine*, 15(1), 94022.

Itakura M, et al. (2025) Inhibition of GAPDH aggregation as a potential treatment for acute ischemic stroke. *iScience*, 28(6), 112564.

Lyu TT, et al. (2025) The sodium-glucose co-transporter 2 inhibitor, empagliflozin, attenuates pulmonary vascular remodelling by inhibiting the phosphorylation of PDGF receptor- α . *British journal of pharmacology*.

Mao X, et al. (2025) Pharmacological Mechanisms of Kirenol against Ovarian Carcinoma: A Network Pharmacology and Experimental Validation Study In Vitro. *Combinatorial chemistry & high throughput screening*, 28(5), 825.

Salam R, et al. (2025) The discovery of a new nonbile acid modulator of Takeda G protein-coupled receptor 5: An integrated computational approach. *Archiv der Pharmazie*, 358(1), e2400423.

Brcko IC, et al. (2025) Comprehensive molecular epidemiology of influenza viruses in Brazil: insights from a nationwide analysis. *Virus evolution*, 11(1), veae102.

Dong T, et al. (2025) Cannabidiol Ameliorates Doxorubicin-Induced Myocardial Injury via Activating Hippo Pathway. *Drug design, development and therapy*, 19, 569.

Ogunyemi OM, et al. (2025) Identification of promising dipeptidyl peptidase-4 and protein tyrosine phosphatase 1B inhibitors from selected terpenoids through molecular modeling. *Bioinformatics advances*, 5(1), vbae205.

Lyu C, et al. (2025) Ameliorative effects of Asiasarum root and rhizome extract on high fat diet?induced obesity in mice through regulation of the SIRT1/PGC1 α /AMPK pathways in muscle and liver tissues. *Molecular medicine reports*, 31(3).

Zhang L, et al. (2025) Ganoderic Acid A Alleviates Severe Acute Pancreatitis by Modulating Gut Homeostasis and Inhibiting TLR4-NLRP3 Signaling. *Journal of agricultural and food chemistry*, 73(2), 1563.

Fujii T, et al. (2025) Discovery and characterization of an FAD-dependent glucose 6-dehydrogenase. *The Journal of biological chemistry*, 301(3), 108189.