

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

[watvina](#)

RRID:SCR_026282

Type: Tool

Proper Citation

watvina (RRID:SCR_026282)

Resource Information

URL: <https://github.com/biocheming/watvina>

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Description: Software tool as implicit or explicit water model based docking with Autodock vina engine, supporting pharmacophore /position constrained docking. Facilitates drug design with support for explicit or implicit waters, pharmacophore or position-constrained docking, and external torsion parameters (akin to amber/gaff/charmm force fields). Water Model supported protein-ligand docking with Autodock Vina engine.

Resource Type: software application, source code, software resource

Keywords: Water Model, protein-ligand docking, Autodock Vina engine,

Availability: Free, Available for download, Freely available,

Resource Name: watvina

Resource ID: SCR_026282

License: Apache v2

Record Creation Time: 20250115T053334+0000

Record Last Update: 20260811T043805+0000

Ratings and Alerts

No rating or validation information has been found for watvina.

No alerts have been found for watvina.

Data and Source Information

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Li Z, et al. (2025) Phased high-quality genome of the gymnosperm Himalayan Yew assists in paclitaxel pathway exploration. GigaScience, 14.

Gao J, et al. (2025) Short-Chain Fatty Acids (SCFAs) Modulate the Hepatic Glucose and Lipid Metabolism of *Coilia nasus* via the FFAR/AMPK Signaling Pathway In Vitro. International journal of molecular sciences, 26(8).

Liu Y, et al. (2025) A Near Telomere-To-Telomere Genome Assembly of *Coffea arabica* (Mundo Novo) Provides Insights Into Its Secondary Metabolism. Molecular ecology resources, 25(8), e70053.

Wei W, et al. (2025) Novel inhibitors of the (VIBVN) NAT protein identified through pharmacophore modeling. Scientific reports, 15(1), 2898.

Zhang Y, et al. (2024) Nobiletin, as a Novel PDE4B Inhibitor, Alleviates Asthma Symptoms by Activating the cAMP-PKA-CREB Signaling Pathway. International journal of molecular sciences, 25(19).

Yang C, et al. (2023) Inhibitory activities of alginate phosphate and sulfate derivatives against SARS-CoV-2 in vitro. International journal of biological macromolecules, 227, 316.

Yang Y, et al. (2023) Virtual screening and activity evaluation of human uric acid transporter 1 (hURAT1) inhibitors. RSC advances, 13(6), 3474.