Resource Summary Report

Generated by dkNET on Aug 24, 2026

Autogrid

RRID:SCR_015982
Type: Tool

Proper Citation

Autogrid (RRID:SCR_015982)

Resource Information

URL: http://autodock.scripps.edu/

Proper Citation: Autogrid (RRID:SCR_015982)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 23,2023.Software for automated docking analysis to precalculate the set of grids describing the target protein. It is a part of automated molecular modeling simulation software AutoDock.

Synonyms: Autogrid toolkit, Autogrid: automated grid

Resource Type: data analysis software, data processing software, simulation software, software application, software resource

Defining Citation: PMID:16862531

Keywords: software, automated, docking, analysis, tool, precalculate, set, grid, ligand, protein, target, molecular, simulation, modeling, protein-ligand interaction, data

Funding: The Scripps Research Institute ;
San Diego ;
California

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Autogrid

Resource ID: SCR_015982

Alternate URLs: http://mgl.scripps.edu/forum

License: GNU General Public License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260821T194031+0000

Ratings and Alerts

No rating or validation information has been found for Autogrid.

No alerts have been found for Autogrid.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1261 mentions in open access literature.

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

Cheema PS, et al. (2026) Identification and validation of novel small molecule inhibitors targeting FoxM1-DNA binding domain with anti-cancer potential. Biochimica et biophysica acta. Molecular cell research, 1873(7), 120193.

Choudhary H, et al. (2026) In silico assessment of 4 methoxypelargonidin and luteolinidin from Parthenium hysterophorous as acetylcholinesterase inhibitors of Phlebotomus Papatasi. Scientific reports, 16(1), 3598.

Xiang T, et al. (2026) Therapeutic Targets for Lung Squamous Cell Carcinoma: Proteome-Wide Mendelian Randomization and Potential Drug Prediction. The clinical respiratory journal, 20(3), e70182.

Liu Q, et al. (2026) Exploring the Potential Mechanism of Polyethylene Terephthalate Associated Cardiotoxicity through Network Toxicology and Molecular Docking. ACS omega, 11(7), 11082.

Zhang Y, et al. (2026) Integrated multi-target pharmacology of ginseng in acute myeloid leukemia through single-cell sequencing, molecular docking, network pharmacology, and in vitro experiments. Discover oncology, 17(1).

Fan F, et al. (2026) Clostridioides difficile-Derived Extracellular Vesicles Induce Proinflammatory Responses in Macrophages. Journal of extracellular vesicles, 15(4), e70251.

Mao C, et al. (2026) In vivo membrane engineering traps Gd-based MRI contrast agents for detecting microhepatocellular carcinoma. Science advances, 12(18), eaec9913.

Wang N, et al. (2026) Artesunate directly targeting MMP9 to reduce angiogenesis and increase CD8 + T cell infiltration inhibits hepatocellular carcinoma. Cancer cell international, 26(1).

Bi J, et al. (2026) Genetic Identification of Potential Drug Targets for Dental Caries: A Mendelian Randomization Study. Health science reports, 9(5), e72546.

Xu H, et al. (2026) Folic Acid-Modified Ginger-Derived Exosome-Like Nanoparticles Co-Delivering Sunitinib Suppress Renal Cell Carcinoma via PI3K-Akt Pathway Inhibition, P-gp Downregulation, and Macrophage Reprogramming. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(6), e12563.

Sun S, et al. (2026) Activation of the caspase-1/gasdermin D pathway via ?-linolenic acid-mediated GPR120 signaling induces pyroptosis and suppresses ovarian cancer tumor growth. Anti-cancer drugs, 37(3), 190.

Yunxin L, et al. (2026) Macrophage-derived IL-6 reprograms lipid metabolism to promote colorectal cancer development through USP14-mediated FASN deubiquitination. Journal of translational medicine, 24(1).

Zhang JY, et al. (2026) Reshaping of the substrate-binding pocket to improve the catalytic activity of the non-specific endonuclease from Pseudomonas fluorescens. Frontiers in bioengineering and biotechnology, 14, 1834140.

Zhao B, et al. (2026) Quercetin induces ferroptosis in ovarian cancer through regulating HSPB1/Notch1 pathway. Journal of ovarian research, 19(1).

Yang A, et al. (2026) The network pharmacology prediction and experiment validation of Astragalus membranaceus for alleviating silicosis fibrosis via decreasing MMP9 and EGFR expression. Scientific reports, 16(1).

Huang M, et al. (2026) Study on the Immobilization of Horseradish Peroxidase on a Multi-Level Composite Carrier SiO2@MnO2@MAF-7. Materials (Basel, Switzerland), 19(2).

Wang J, et al. (2026) Network toxicology and Mendelian randomization reveal pathogenic factors of monoethyl phthalate-induced thyroid cancer. European thyroid journal, 15(1).

Montaño GH, et al. (2026) In Silico Comparative Analysis of the Plant Growth Regulators Forchlorfenuron (CPPU) and Strigol (STG) Interacting with the Gibberellin Biosynthetic Enzyme GA3Ox2 and the Auxin Signaling Protein Receptor IAA7. International journal of molecular sciences, 27(7).

Li T, et al. (2026) Pre-treatment with baicalein alleviates the diquat-induced microglial pyroptosis through gut microbiota-derived indole-3-propionic acid and DDX3X/G3BP1 pathway. Cell biology and toxicology, 42(1).

Tian X, et al. (2026) A GLUTAMATE CYSTEINE LIGASE Gene StGSH1 Regulated by StERF10 Enhanced Glutathione Accumulation and Adaptation to Low Phosphorus Stress in Potato. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(8), e09143.