

Resource Summary Report

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Autogrid

RRID:SCR_015982

Type: Tool

Proper Citation

Autogrid (RRID:SCR_015982)

Resource Information

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

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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, software application, software resource, simulation software, data processing software

Defining Citation: [PMID:16862531](https://pubmed.ncbi.nlm.nih.gov/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: 20250403T061157+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 1082 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

R V, et al. (2025) In vitro and In silico investigation deciphering novel antifungal activity of endophyte *Bacillus velezensis* CBMB205 against *Fusarium oxysporum*. *Scientific reports*, 15(1), 684.

Chatterjee P, et al. (2025) A computational and structural approach to identify malignant non-synonymous FOXM1 single nucleotide polymorphisms in triple-negative breast cancer. *Scientific reports*, 15(1), 964.

Lu S, et al. (2025) Cortisol regulates neonatal lung development via Smoothened. *Respiratory research*, 26(1), 27.

Liu T, et al. (2025) Deciphering the therapeutic effects of Xiyanping injection: insights into pulmonary and gut microbiome modulation, SerpinB2/PAI-2 targeting, and alleviation of influenza a virus-induced lung injury. *Virology journal*, 22(1), 19.

Wu Q, et al. (2025) Identification of Oligopeptides in the Distillates from Various Rounds of Soy Sauce-Flavored Baijiu and Their Effect on the Ester-Acid-Alcohol Profile in Baijiu. *Foods (Basel, Switzerland)*, 14(2).

Fan J, et al. (2025) 4-Methoxydalbergione inhibits the tumorigenesis and metastasis of lung cancer through promoting ferroptosis via the DNMT1/system Xc⁻/GPX4 pathway. *Molecular medicine reports*, 31(1).

Zhang L, et al. (2025) The Therapeutic Mechanisms of Huayu Quban Capsule in Treating Acne Vulgaris Are Uncovered Through Network Pharmacology and Molecular Docking. *Journal of cosmetic dermatology*, 24(1), e16632.

Fuochi V, et al. (2025) Antiviral efficacy of heparan sulfate and enoxaparin sodium against SARS-CoV-2. *Archiv der Pharmazie*, 358(1), e2400545.

Silva E, et al. (2025) Aqueous extracts of *Moringa oleifera* and *Cinnamomum cassia* as promising sources of antibiofilm compounds against mucoid and small colony variants of *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Biofilm*, 9, 100250.

Ao Y, et al. (2025) Cellular senescence-associated genes in rheumatoid arthritis: Identification and functional analysis. *PloS one*, 20(1), e0317364.

Shuvo AUH, et al. (2025) Evaluation of Xanthine Oxidase Inhibitors Febuxostat and Allopurinol on Kidney Dysfunction and Histological Damage in Two-Kidney, One-Clip (2K1C) Rats. *Scientifica*, 2025, 7932075.

Vitale RM, et al. (2025) Identification of Cannabidiolic and Cannabigerolic Acids as MTDL AChE, BuChE, and BACE-1 Inhibitors Against Alzheimer's Disease by In Silico, In Vitro, and In Vivo Studies. *Phytotherapy research : PTR*, 39(1), 233.

Summat R, et al. (2025) Phytomedicine Potential of *Oroxylum indicum* Root and Its Constituents: Targeting Alzheimer's Disease. *Plants (Basel, Switzerland)*, 14(2).

Joshi R, et al. (2025) Exploring pyrazolines as potential inhibitors of NSP3-macrodomain of SARS-CoV-2: synthesis and in silico analysis. *Scientific reports*, 15(1), 767.

Haufe Y, et al. (2024) Symmetrical Bispyridinium Compounds Act as Open Channel Blockers of Cation-Selective Ion Channels. *ACS pharmacology & translational science*, 7(3), 771.

Lv MT, et al. (2024) In silico and in vitro analyses of a novel FoxO1 agonist reducing A β levels via downregulation of BACE1. *CNS neuroscience & therapeutics*, 30(3), e14140.

Zens B, et al. (2024) Lift-out cryo-FIBSEM and cryo-ET reveal the ultrastructural landscape of extracellular matrix. *The Journal of cell biology*, 223(6).

Shi F, et al. (2024) Integrated analysis of single cell-RNA sequencing and Mendelian randomization identifies lactate dehydrogenase B as a target of melatonin in ischemic stroke. *CNS neuroscience & therapeutics*, 30(5), e14741.

Schottlender G, et al. (2024) Bacterial cytochrome P450s: a bioinformatics odyssey of substrate discovery. *Frontiers in microbiology*, 15, 1343029.

Lin K, et al. (2024) Analgesic and anti-inflammatory effects of galangin: a potential pathway

to inhibit transient receptor potential vanilloid 1 receptor activation. The Korean journal of pain, 37(2), 151.