

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

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

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 1146 mentions in open access literature.

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

Rajapandiyan U, et al. (2025) "Spiro-pyrrolizidine-benzyloxy hybrid as synergistic partner to doxorubicin cardio-safe breast cancer chemotherapy". Future medicinal chemistry, 17(21), 2543.

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.

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.

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.

Xie H, et al. (2025) pH-responsive cationic polymer-functionalized poly-?-caprolactone microspheres scavenge cell-free-DNA to alleviate intestinal ischemia/reperfusion injury by inhibiting M1 macrophage polarization. Journal of nanobiotechnology, 23(1), 153.

Zhang Q, et al. (2025) Design, Synthesis, and Biological Evaluation of a Novel [18F]AIF-H3RESCA-FAPI Radiotracer Targeting Fibroblast Activation Protein. Pharmaceuticals (Basel, Switzerland), 18(2).

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

- Bi J, et al. (2025) Bidirectional causal association and shared anti-inflammatory target of asthma and atopic dermatitis: a Mendelian randomization and colocalisation study. *BMC pulmonary medicine*, 26(1), 5.
- He J, et al. (2025) Shengjiang Powder alleviates oxidative stress damage and fibrosis in mice with atherosclerosis concurrent with non-alcoholic fatty liver disease. *Hereditas*, 162(1), 228.
- Wang Z, et al. (2025) Curcumin promotes spermatogenesis in mice with cryptorchidism by regulating testicular protein O-GlcNAcylation. *Frontiers in endocrinology*, 16, 1555721.
- El-Etrawy AS, et al. (2025) Design, Synthesis, Antimicrobial Evaluation, Molecular Docking, and Computational Studies of New 1,2,4-Triazolo[4,3-a]pyrimidin-5(1 H)-one Derivatives. *Journal of fluorescence*, 35(11), 11897.
- Xia C, et al. (2025) ShenQi ShenKang Granule Alleviates Chronic Kidney Disease by Inhibiting the PI3K/AKT/mTOR Pathway and Restoring Autophagy Flux and Mitochondrial Integrity. *Drug design, development and therapy*, 19, 3925.
- Gui J, et al. (2025) Proteome-Wide and Immune Cell Phenotype Mendelian Randomization Highlights Immune Involvement in Genetic Generalized Epilepsy. *Brain and behavior*, 15(6), e70625.
- Zhang JF, et al. (2025) 18 β -Glycyrrhetic acid inhibits the proliferation and metastasis of gastric cancer by inhibiting the TCTP/AKT/P53 signaling pathway. *Scientific reports*, 15(1), 33429.
- Bi J, et al. (2025) Systematic druggable genome-wide mendelian randomization identifies therapeutic targets for childhood asthma. *Medicine*, 104(50), e46718.
- Yin B, et al. (2025) Astaxanthin mitigates doxorubicin-induced cardiotoxicity via inhibiting ferroptosis and autophagy: a study based on bioinformatic analysis and in vivo/vitro experiments. *Frontiers in pharmacology*, 16, 1524448.
- 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).
- Qu HR, et al. (2025) Bioinformatics Identification of Lactate-Associated Genes in Hepatocellular Carcinoma: G6PD's Role in Immune Modulation. *Cancer medicine*, 14(6), e70801.
- Liu WH, et al. (2025) Comprehensive Analysis of RNA Methylation-Regulated Gene Signature and Immune Infiltration in Ischemia/Reperfusion-Induced Acute Kidney Injury. *Kidney & blood pressure research*, 50(1), 14.