Resource Summary Report

Generated by NIF on Apr 21, 2025

SPARTAN

RRID:SCR_014901

Type: Tool

Proper Citation

SPARTAN (RRID:SCR_014901)

Resource Information

URL: http://www.wavefun.com/

Proper Citation: SPARTAN (RRID:SCR_014901)

Description: Software program for determining molecular structure and calculating chemical properties. It has a graphical interface and accurate computational models that are compatible with the iPad, iPhone and iPod Touch. When combined with the Spartan'16 Parallel Suite, this enables the first fully-functional open-ended molecular modeling environment on popular mobile technology.

Resource Type: software resource, software application

Keywords: molecular structure, chemical properties, modeling, mobile technology,

integration

Funding:

Availability: Commercial

Resource Name: SPARTAN

Resource ID: SCR_014901

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250421T054013+0000

Ratings and Alerts

No rating or validation information has been found for SPARTAN.

No alerts have been found for SPARTAN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 487 mentions in open access literature.

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

Yang H, et al. (2025) Metabolic Blockade-Based Genome Mining of Malbranchea circinata SDU050: Discovery of Diverse Secondary Metabolites. Marine drugs, 23(1).

Qureshi NS, et al. (2025) Tracking transcription-translation coupling in real time. Nature, 637(8045), 487.

Qi S, et al. (2025) Drimane-type sesquiterpenoids and triterpenoids from the whole plant of Limonium sinense with their antiproliferative and anti-inflammatory activities. RSC advances, 15(2), 1220.

Kim M, et al. (2025) The Anti-Inflammatory Activities of Benzylideneacetophenone Derivatives in LPS Stimulated BV2 Microglia Cells and Mice. Biomolecules & therapeutics, 33(1), 106.

Seifert-Dávila W, et al. (2025) Structural and kinetic insights into tRNA promoter engagement by yeast general transcription factor TFIIIC. Nucleic acids research, 53(1).

Hamdan M, et al. (2025) In silico Evaluation of H1-Antihistamine as Potential Inhibitors of SARS-CoV-2 RNA-dependent RNA Polymerase: Repurposing Study of COVID-19 Therapy. Turkish journal of pharmaceutical sciences, 21(6), 566.

Anyubaga SB, et al. (2024) Chemo-informatics applications in the design of novel 7-keto-sempervirol derivatives as SmCB1 inhibitors with potential for treatment of Schistosomiasis. Heliyon, 10(1), e23115.

Pati AK, et al. (2024) Recovering true FRET efficiencies from smFRET investigations requires triplet state mitigation. Nature methods, 21(7), 1222.

Grosely R, et al. (2024) eIF1 and eIF5 dynamically control translation start site fidelity. bioRxiv: the preprint server for biology.

Miyake M, et al. (2024) Oral 5-aminolevulinic Acid for Patients With Localized Prostate Cancer Undergoing Low-dose-rate Brachytherapy: AMBER Trial. In vivo (Athens, Greece),

38(6), 3091.

Huang L, et al. (2024) Two C23-Steroids and a New Isocoumarin Metabolite from Mangrove Sediment-Derived Fungus Penicillium sp. SCSIO 41429. Marine drugs, 22(9).

Roy S, et al. (2024) Prior Local Therapy and First-Line Apalutamide in Patients With Nonmetastatic Castration-Resistant Prostate Cancer: A Secondary Analysis of the SPARTAN Randomized Clinical Trial. JAMA network open, 7(10), e2439434.

Asibor YE, et al. (2024) Computational screening of phytochemicals present in some Nigerian medicinal plants against sickle cell disease. Scientific reports, 14(1), 26368.

Morgan KM, et al. (2024) Thermochemical Studies of Small Carbohydrates. The Journal of organic chemistry, 89(3), 1769.

Azevedo PHRA, et al. (2024) Statine-based peptidomimetic compounds as inhibitors for SARS-CoV-2 main protease (SARS-CoV?2 Mpro). Scientific reports, 14(1), 8991.

Yang B, et al. (2024) Novel Metabolites from the Marine-Derived Fungus Peniophora sp. SCSIO41203 Show Promising In Vitro Antitumor Activity as Methuosis Inducers in PC-3 Cells. Marine drugs, 22(5).

Costa-Tuna A, et al. (2024) Profiling the Interaction between Human Serum Albumin and Clinically Relevant HIV Reverse Transcriptase Inhibitors. Viruses, 16(4).

Wang W, et al. (2024) Mechanism of human ?3? GlyR modulation in inflammatory pain and 2, 6-DTBP interaction. Research square.

Zhang P, et al. (2024) Design of soluble HIV-1 envelope trimers free of covalent gp120-gp41 bonds with prevalent native-like conformation. Cell reports, 43(8), 114518.

Hikichi Y, et al. (2024) Epistatic pathways can drive HIV-1 escape from integrase strand transfer inhibitors. Science advances, 10(9), eadn0042.