

Resource Summary Report

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YASARA

RRID:SCR_017591

Type: Tool

Proper Citation

YASARA (RRID:SCR_017591)

Resource Information

URL: <http://www.yasara.org/>

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Description: Software tool to obtain structural guidance in biocatalytic investigations. Program for molecular visualising, modelling, and dynamics. Initial stage YASARA View is for free while higher stages YASARA Model, YASARA Dynamics, YASARA Structure require license fee. Program for Windows, Linux, MacOS and Android. YASARA View is available for free and contains all functions to explore macromolecular structure interactively.

Abbreviations: YASARA

Synonyms: Yasara, Yet Another Scientific Artificial Reality Application

Resource Type: software application, data processing software, 3d visualization software, simulation software, software resource, data visualization software

Keywords: Biocatalytic, molecular, visualization, modelling, dynamics, macromolecular, structure, interactively, bio.tools

Availability: Restricted

Resource Name: YASARA

Resource ID: SCR_017591

Alternate IDs: biotools:yasara

Alternate URLs: <https://bio.tools/yasara>

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260804T043640+0000

Ratings and Alerts

No rating or validation information has been found for YASARA.

No alerts have been found for YASARA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 165 mentions in open access literature.

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

Putra WE, et al. (2026) Integrative computational approach to farnesyltransferase inhibition toward anti-liver cancer drug candidate from *Syzygium cumini* essential oils. *Molecular biology research communications*, 15(1), 49.

Seyedi Asl FS, et al. (2025) Inhibitory effect of Fisetin against the aggregation process of SOD1 E100K mutant: computer-based drug design as a potential therapeutic for ALS disease. *Frontiers in chemistry*, 13, 1569777.

Tariq TB, et al. (2025) Molecular modelling and gene expression analysis to probe the GT-? trihelix transcription factors in *Solanum tuberosum* under drought stress. *Scientific reports*, 15(1), 12471.

Neelathi UM, et al. (2025) Variants in NR6A1 cause a novel oculo vertebral renal syndrome. *Nature communications*, 16(1), 6111.

Li X, et al. (2025) Functional consequences of lysine acetylation of phosphofructokinase isozymes. *The FEBS journal*, 292(10), 2545.

Xu Q, et al. (2025) Uncovering a novel biosynthetic gene cluster for sordarin through genome mining in the fungus *Talaromyces adpressus*. *Bioresources and bioprocessing*, 12(1), 35.

Soares AP, et al. (2025) B-cell epitope mapping of Orthoflavivirus zikaense in mother-newborn immune interaction reveals postnatal immune signatures. *Scientific reports*, 15(1), 36530.

Huang Y, et al. (2025) SERBP1-PCIF1 complex-controlled m6Am modification in glutamatergic neurons of the primary somatosensory cortex is required for neuropathic pain in mice. *Nature communications*, 16(1), 7225.

Toay S, et al. (2025) Genetic mutations disrupt the coordinated mode of tyrosinase's intra-melanosomal domain. *Protein science : a publication of the Protein Society*, 34(8), e70209.

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. *Heliyon*, 11(1), e41714.

Yin Y, et al. (2025) Computer-directed rational engineering of dioxygenase TcsAB for triclosan biodegradation under cold conditions. *Applied and environmental microbiology*, 91(4), e0034625.

Ahmadi SF, et al. (2025) Computational and experimental discovery of peptide inhibitors targeting survivin for therapeutic potential in cancer. *Scientific reports*, 15(1), 30599.

Atwal MS, et al. (2025) Accumulation of TDP-43 causes karyopherin- β 4 pathology that characterises amyotrophic lateral sclerosis. *Frontiers in neuroscience*, 19, 1558227.

De Angelis M, et al. (2025) Biocatalytic production of 3-hydroxypropionic acid precursors using a regioselective Baeyer-Villiger monooxygenase. *Scientific reports*, 15(1), 13986.

Bandi J, et al. (2025) A computational study on effect of *Cymbopogon citratus* and *Juniperus virginiana* against *Spodoptera litura*. *Scientific reports*, 15(1), 16805.

Chatterjee S, et al. (2025) Molecular dynamics reveal potential effects of novel VHL variants on VHL-Elongin C binding in ccRCC patients from Eastern India. *Scientific reports*, 15(1), 13022.

Tóth BI, et al. (2025) Direct modulation of TRPM8 ion channels by rapamycin and analog macrolide immunosuppressants. *eLife*, 13.

Reveiz M, et al. (2025) In silico improvement of affinity for highly protective anti-malarial antibodies. *iScience*, 28(7), 112903.

Taghavifar SM, et al. (2025) Restoring apoptosis in breast cancer via peptide mediated disruption of survivin IAP interaction. *Scientific reports*, 15(1), 40947.

Johan UUM, et al. (2025) Methanol response of V171S lipase from *Geobacillus* sp. 42 explored via experimental and in silico approaches. *AMB Express*, 15(1), 155.