

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: 3d visualization software, software resource, software application, simulation software, data visualization software, data processing 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: 20260808T190111+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 202 mentions in open access literature.

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

Dolinska MB, et al. (2026) Insights from Computational Dynamic Active Site Mapping into Substrate Recognition and Mutation-Induced Dysfunction in Human Tyrosinase. International journal of molecular sciences, 27(4).

Ghufron M, et al. (2026) Computational Screening of Selected Phytochemicals Against Levofloxacin and Metronidazole-Resistant Indonesian H. pylori Strains. Microorganisms, 14(6).

de Andrés-López J, et al. (2026) Small peptides derived from the autoinhibitory XY linker of phospholipase C-? isoforms inhibit enzyme activity and reduce inflammation. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 198, 119272.

Kanamori T, et al. (2026) Photosensitized oxidation of polyA-polyU-based RNAs incorporating a guanosine with a 1O2 trajectory pattern distinctive from that for DNA. Scientific reports, 16(1).

Mandanas JAH, et al. (2026) Neutralization of SARS-CoV-2 Spike Pseudotyped Viruses Using Postbiotic Preparations from Lactiplantibacillus plantarum BS25. Acta medica Philippina, 60(7), 58.

Li Q, et al. (2026) Efficient Whole-Cell Biocatalytic Transformation of Lignin-Derived Syringaldehyde to Syringic Acid with Aryl-Alcohol Oxidase in Deep Eutectic Solvent System. Foods (Basel, Switzerland), 15(2).

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.

Esmaeil Lashgarian H, et al. (2026) A Novel AP4M1 Variant in an Iranian Child with Spastic Paraplegia 50: A Case Report and Molecular Docking Approach. Iranian journal of medical sciences, 51(1), 70.

Li Z, et al. (2026) Functional Role of AveC Residues Ser138 and Ala139 for Avermectin and Doramectin Biosynthesis in Streptomyces avermitilis. Metabolites, 16(6).

Sabir W, et al. (2026) Analysis of Immobilized Protein Unfolding and Molecular Dynamics Shows How pH, Glycosylation, and OCA3-Related Variants Influence Tyrp1's Stability and Function. *International journal of molecular sciences*, 27(11).

Murphy T, et al. (2026) Dual role of glycosylation in resistance to CD4-binding site broadly neutralizing antibodies. *Journal of virology*, 100(5), e0209325.

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.

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.

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

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.

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.

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

Matsell E, et al. (2025) Structural and functional properties of the N- and C-terminal segments of the P4-ATPase phospholipid flippase ATP8A2. *The Journal of biological chemistry*, 301(1), 108065.

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.

Coskun KA, et al. (2025) Investigation of Anticancer Properties of Newly Synthesized Pyridazine-Based Inhibitors in Mouse and Human Breast Cancer Cell Line. *Biology*, 14(9).