

DAFTAR PUSTAKA

- Agu, P. C., Afiukwa, C. A., Orji, O. U., Ezeh, E. M., Ofoke, I. H., Ogbu, C. O., Ugwuja, E. I., & Aja, P. M. (2023). Molecular Docking as a Tool for the Discovery of Molecular Targets of Nutraceuticals in Diseases Management. *Scientific Reports*, *13*(1), 13398. <https://doi.org/10.1038/s41598-023-40160-2>
- Ahmad, Z., & Amin, S. (2025). Literatur Penggunaan Molecular Docking Dalam Identifikasi Senyawa Potensial Sebagai Agen Anti-Sars-COV-2. *Journal of Public Health Science*, *2*(2), 230–238. <https://doi.org/10.70248/jophs.v2i2.2208>
- A.Wahyu Suryadi Ningrat. (2022). Docking Molekuler Senyawa Brazilein Herba Caesalpina Sappanis Lignum Pada *Mycobacterium Tuberculosis* Inha Sebagai Antituberkulosis. *INHEALTH: INDONESIAN HEALTH JOURNAL*, *1*(1), 29–34. <https://doi.org/10.56314/inhealth.v1i1.19>
- Calhelha, R. C., Haddad, H., Ribeiro, L., Heleno, S. A., Carocho, M., & Barros, L. (2023). Inflammation: What's There and What's New? *Applied Sciences*, *13*(4), Article 4. <https://doi.org/10.3390/app13042312>
- Caveney, N. A., Saxton, R. A., Waghray, D., Glassman, C. R., Tsutsumi, N., Hubbard, S. R., & Christopher Garcia, K. (2023). Structural basis of Janus kinase trans-activation. *Cell Reports*, *42*(3), 112201. <https://doi.org/10.1016/j.celrep.2023.112201>
- Chen, L., Deng, H., Cui, H., Fang, J., Zuo, Z., Deng, J., Li, Y., Wang, X., & Zhao, L. (2017). Inflammatory Responses and Inflammation-Associated Diseases in Organs. *Oncotarget*, *9*(6), 7204. <https://doi.org/10.18632/oncotarget.23208>
- Chibuye, B., Singh, I. S., Chimuka, L., Monyai, M., & Kakoma, M. K. (2025). Computational Insights Into the Anti-Diabetic Potential of *Albizia antunesiana* (Mimosaceae) Metabolites: A Molecular Docking, Drug-Likeness and ADMET Analysis. *Results in Chemistry*, *16*, 102422. <https://doi.org/10.1016/j.rechem.2025.102422>
- Das, K., & Rao, L. V. M. (2022). The Role of microRNAs in Inflammation. *International Journal of Molecular Sciences*, *23*(24), 15479. <https://doi.org/10.3390/ijms232415479>
- Deen, J. I., Zawad, A. N. M. S., Uddin, M., Chowdhury, M. A. H., Al Araby, S. Q., & Rahman, Md. A. (2023). Terpinen-4-ol, a Volatile Terpene Molecule, Extensively Electrifies the Biological Systems Against the Oxidative Stress-

Linked Pathogenesis. *Advances in Redox Research*, 9, 100082.
<https://doi.org/10.1016/j.arres.2023.100082>

Du, Y., Karatekin, F., Wang, W. K., Hong, W., & Boopathy, G. T. K. (2025). Cracking the EGFR Code: Cancer Biology, Resistance Mechanisms, And Future Therapeutic Frontiers. *Pharmacological Reviews*, 77(5).
<https://doi.org/10.1016/j.pharmr.2025.100076>

Ekawasti, F., Sa'diah, S., Cahyaningsih, U., Dharmayanti, N. L. P. I., & Subekti, D. T. (2021). Molecular Docking Senyawa Jahe Merahdan Kunyit pada Dense Granules Protein-1Toxoplasma gondii dengan Metode In Silico. *Jurnal Veteriner*, 22(4), 474–484.
<https://doi.org/10.19087/jveteriner.2021.22.4.474>

Fatasa, Y., Utami, L., Syahri, J., Jasril, J., & Lazulva, L. (2024). Studi Molecular Docking dan Evaluasi Farmakokinetik Senyawa Analog Pirazol Turunan Benzen-Sulfonilurea sebagai Inhibitor Enzim Aldose Reduktase and α -Glukosidase Menggunakan Pendekatan In Silico. *Jurnal Riset Kimia*, 15(2), 11–26. <https://doi.org/10.25077/jrk.v15i2.633>

Ferreira De Freitas, R., & Schapira, M. (2017). A Systematic Analysis of Atomic Protein–Ligand Interactions in the PDB. *MedChemComm*, 8(10), 1970–1981. <https://doi.org/10.1039/C7MD00381A>

Ferreira, L. G., Dos Santos, R. N., Oliva, G., & Andricopulo, A. D. (2015). Molecular Docking and Structure-Based Drug Design Strategies. *Molecules*, 20(7), 13384–13421.
<https://doi.org/10.3390/molecules200713384>

Frimayanti, N., Nasution, M. R., & Etavianti, E. (2021). Molecular Docking and Molecular Dynamic Simulation of 1,5-Benzothiazepine Chalcone Derivative Compounds as Potential Inhibitors for Zika Virus Helicase. *Jurnal Riset Kimia*, 12(1), 44–52. <https://doi.org/10.25077/jrk.v12i1.365>

Goffin, V., Becu-Villalobos, D., Popovic, V., & Grattan, D. R. (2023). Editorial: Towards Targeting Prolactin Signaling in Human Diseases: Stimulate or Inhibit? *Frontiers in Endocrinology*, 14.
<https://doi.org/10.3389/fendo.2023.1213895>

Hadi, S., Khadijah, N., & Febriani, N. R. (2025). Prediksi aktivitas *Piper retrofractum* Vahl Terhadap Reseptor EGFR yang Berkontribusi Terhadap Kanker Paru Paru Menggunakan docking. *JFARM - Jurnal Farmasi*, 3(1), 32–39. <https://doi.org/10.58794/jfarm.v3i1.1276>

- Hollingsworth, S. A., & Dror, R. O. (2018). Molecular Dynamics Simulation for All. *Neuron*, 99(6), 1129–1143. <https://doi.org/10.1016/j.neuron.2018.08.011>
- Huangfu, L., Li, R., Huang, Y., & Wang, S. (2023). The IL-17 Family in Diseases: From bench to bedside. *Signal Transduction and Targeted Therapy*, 8(1), 402. <https://doi.org/10.1038/s41392-023-01620-3>
- Huong, L. T., Chung, N. T., Huong, T. T., Sam, L. N., Hung, N. H., Ogunwande, I. A., Dai, D. N., Linh, L. D., & Setzer, W. N. (2020). Essential Oils of Zingiber Species from Vietnam: Chemical Compositions and Biological Activities. *Plants*, 9(10). <https://doi.org/10.3390/plants9101269>
- Japti, V. P., Patil, M. B., Unger, B. S., Mallapur, S. P., Shamnewadi, A., Patil, V. S., Patil, S., & Desai, A. V. (2025). Network pharmacology-based toxicity, molecular docking, and molecular dynamics analysis of phytoconstituents from roots of *Nerium indicum* L. *Pharmacological Research - Modern Chinese Medicine*, 16, 100640. <https://doi.org/10.1016/j.prmcm.2025.100640>
- Kitchen, D. B., Decornez, H., Furr, J. R., & Bajorath, J. (2004). Docking and scoring in virtual screening for drug discovery: Methods and applications. *Nature Reviews. Drug Discovery*, 3(11), 935–949. <https://doi.org/10.1038/nrd1549>
- Knoll, K. E., van der Walt, M. M., & Loots, D. T. (2022). In Silico Drug Discovery Strategies Identified ADMET Properties of Decoquinatone RMB041 and Its Potential Drug Targets against Mycobacterium tuberculosis. *Microbiology Spectrum*, 10(2), e02315-21. <https://doi.org/10.1128/spectrum.02315-21>
- Kreutzer, A. G., Hamza, I. L., Spencer, R. K., & Nowick, J. S. (2016). X-ray Crystallographic Structures of a Trimer, Dodecamer, and Annular Pore Formed by an A β 17–36 β -Hairpin. *Journal of the American Chemical Society*, 138(13), 4634–4642. <https://doi.org/10.1021/jacs.6b01332>
- Li, M., Jin, X., Li, H., Yang, C., Deng, S., & Wu, G. (2020). Comprehensive Analysis of Key Genes and Regulatory Elements in Osteosarcoma Affected by Bone Matrix Mineral With Prognostic Values. *Frontiers in Genetics*, 11. <https://doi.org/10.3389/fgene.2020.00533>
- Lingappan, K. (2018). NF- κ B in Oxidative Stress. *Current Opinion in Toxicology*, 7, 81–86. <https://doi.org/10.1016/j.cotox.2017.11.002>
- Lipinski. (1997). Experimental and Computational Approaches to Estimate Solubility And Permeability in Drug Discovery and Development Settings.

Advanced Drug Delivery Reviews, 23(1–3), 3–25.
[https://doi.org/10.1016/S0169-409X\(96\)00423-1](https://doi.org/10.1016/S0169-409X(96)00423-1)

- Liu, H., Lu, H., Fan, X., Chen, S., Chen, X., & Gao, W. (2025). Probing The Molecular Mechanism of Kaempferol in Relieving Rheumatoid Arthritis Based On Network Pharmacology. *Scientific Reports*, 15(1), 12645. <https://doi.org/10.1038/s41598-025-91311-6>
- Liu, S., Zhou, X., Zhang, L., & Luo, W. (2024). Network Pharmacology and Bioinformatics Approach to Unravel The Mechanism Of Xiao-Chai-Hu-Tang Herbal Formula in Tinnitus Treatment. *Heliyon*, 10(18), e37584. <https://doi.org/10.1016/j.heliyon.2024.e37584>
- Liu, T., Zhang, L., Joo, D., & Sun, S.-C. (2017a). NF- κ B Signaling in Inflammation. *Signal Transduction and Targeted Therapy*, 2, 17023. <https://doi.org/10.1038/sigtrans.2017.23>
- Liu, T., Zhang, L., Joo, D., & Sun, S.-C. (2017b). NF- κ B Signaling in Inflammation. *Signal Transduction and Targeted Therapy*, 2(1), 17023. <https://doi.org/10.1038/sigtrans.2017.23>
- Maheswari, A., & Salamun, D. (2024). Integrating in silico Molecular Docking, ADMET Analysis of *C.verticillata* With Diabetic Markers and in vitro Anti-Inflammatory Activity. *Future Journal of Pharmaceutical Sciences*, 10(1), 3. <https://doi.org/10.1186/s43094-023-00576-z>
- Manu, P., Abakah, A., Anfu, P. K., Osei-Poku, P., & Kwarteng, A. (2025a). Disrupting Quorum Sensing By Exploring Conformational Dynamics And Active Site Flexibility Of Lasr Protein in *Pseudomonas aeruginosa*. *Discover Chemistry*, 2(1), 39. <https://doi.org/10.1007/s44371-025-00121-2>
- Marliani, L., Subarnas, A., Moelyono, M. W., Halimah, E., Pratiwi, F. W., & Suhardiman, A. (2018). Essential Oil Components Of Leaves And Rhizome of *Zingiber ottensii* val. From Bandung, Indonesia. *Res. J. Chem. Environ.*, 22(Special Issue 1), 54–57.
- Mirza, D., Sulistyowati, E., & Fardhani, A. (2024). Simulasi Molecular Docking Aktivitas Antiinflamasi Rimpang *Zingiber officinale* var. Amarum pada Mediator Inflamasi Prostaglandin D2 (PGD2) dan Tromboksan A2 (TXA2) pada Osteoarthritis. *Jurnal Kesehatan Islam : Islamic Health Journal*, 13, 35–42. <https://doi.org/10.33474/jki.v13i1.21779>
- Mizogami, M., Iida, H., & Tsuchiya, H. (2025). Lipid Raft Membrane Interactivity Correlating with Cyclooxygenase-2 Selectivity of Non-Steroidal Anti-

Inflammatory Drugs. *Membranes*, 15(9).
<https://doi.org/10.3390/membranes15090284>

- Mucileanu, A., Chira, R., & Mircea, P. A. (2021). PD-1/PD-L1 Expression in Pancreatic Cancer And Its Implication in Novel Therapies. *Medicine and Pharmacy Reports*, 94(4), 402–410. <https://doi.org/10.15386/mpr-2116>
- Njoya, E., Ndemangou, B., Akinyelu, J., Munvera, A. M., Chukwuma, C. I., Mkounga, P., Mashele, S. S., Makhafola, T. J., & McGaw, L. J. (2023). In Vitro Antiproliferative, Anti-Inflammatory Effects And Molecular Docking Studies Of Natural Compounds Isolated From *Sarcocephalus pobeguini* (Hua ex Pobég). *Frontiers in Pharmacology*, 14. <https://doi.org/10.3389/fphar.2023.1205414>
- Ononamadu, C. J., & Ibrahim, A. (2021). Molecular Docking and Prediction of ADME/Drug-Likeness Properties of Potentially Active Antidiabetic Compounds Isolated From Aqueous-Methanol Extracts of *Gymnema sylvestre* and *Combretum micranthum*. *BioTechnologia*, 102(1), 85–99. <https://doi.org/10.5114/bta.2021.103765>
- Pagadala, N. S., Syed, K., & Tuszynski, J. (2017). Software For Molecular Docking: A review. *Biophysical Reviews*, 9(2), 91–102. <https://doi.org/10.1007/s12551-016-0247-1>
- Patil, Miss. N. B., Adnaik, Dr. R. S., & Shaikh, Miss. T. T. (2025). Swiss ADME Predictions of Pharmacokinetics and Drug-Likeness Characteristics of Secondary Metabolites Found in *Glycyrrhiza glabra*. *International Journal of Science and Research Methodology*, 28(1), 16–24. <https://doi.org/10.25166/IJSRM/2025.28.1.3>
- Peng, Y., Gao, Z., Qiao, B., Li, D., Pang, H., Lai, X., Pu, Q., Zhang, R., Zhao, X., Zhao, G., Xu, D., Wang, Y., Ji, Y., Pei, H., & Wu, Q. (2023). Size-Controlled DNA Tile Self-Assembly Nanostructures Through Caveolae-Mediated Endocytosis for Signal-Amplified Imaging of MicroRNAs in Living Cells. *Advanced Science*, 10(21), 2300614. <https://doi.org/10.1002/advs.202300614>
- Pereira et al. (2020). Bioinformatics and Computational Tools for Next-Generation Sequencing Analysis in Clinical Genetics. <https://www.mdpi.com/2077-0383/9/1/132>
- Perri, P., Ponzoni, M., Corrias, M. V., Ceccherini, I., Candiani, S., & Bachetti, T. (2021). A Focus on Regulatory Networks Linking MicroRNAs, Transcription Factors and Target Genes in Neuroblastoma. *Cancers*, 13(21). <https://doi.org/10.3390/cancers13215528>

- Pradila, F., Rahman, A. P., & Madura, U. I. (2025). Eksplorasi Potensi Senyawa Shogaol, Zingerone, Piperidine, Gingerol, Gingerdione Pada Jahe (*Zingiber officinale*) Sebagai Afrodisiak Melalui Pendekatan In Silico. 9(2).
- Pramitha, D. A. I., Wibawa, A. A. C., Adrianta, K. A., & Samidya, N. W. R. (2025). Antioxidant Activity of VCO-Clove Topical Oil and Predictive Interaction toward Prostaglandin-endoperoxide Synthase 2. *Indonesian Journal of Pharmaceutical Science and Technology*, 12(2), 219–225. <https://doi.org/10.24198/ijpst.v12i2.48983>
- Putri, A. F., Utomo, D. H., Tunjung, W. A. S., & Putri, W. A. (2024). Analysis of the anti-Alzheimer potential of bioactive compounds from *Citrus hystrix* DC. peel, leaf, and essential oil by network pharmacology. *Heliyon*, 10(13). <https://doi.org/10.1016/j.heliyon.2024.e33496>
- Putri, T. Z. A. D., Findrayani, R. P., Isrul, M., & Lolok, N. (2024). Studi Molecular Docking Senyawa Kimia Dari Herba Putri Malu (*Mimosa pudica*) Terhadap Inhibisi Enzim A-Glukosidase Sebagai Antidiabetes Melitus. *Jurnal Pharmacia Mandala Waluya*, 3(4), 225–233. <https://doi.org/10.54883/jpmw.v3i4.104>
- Rahman, M., Shahin Ahmed, K., Ahmed, S., Hossain, H., & Shahid Ud Daula, A. (2023). Integrating In Vivo And In Silico Approaches To Investigate The Potential of *Zingiber roseum* rhizome Extract Against Pyrexia, Inflammation And Pain. *Saudi Journal of Biological Sciences*, 30(4), 103624. <https://doi.org/10.1016/j.sjbs.2023.103624>
- Ren, J., Ren, M., Mo, Z., & Lei, M. (2023). Study on Anti-Inflammatory Mechanism of *Angelica pubescens* Based on Network Pharmacology and Molecular Docking. *Natural Product Communications*, 18(1), 1934578X221146616. <https://doi.org/10.1177/1934578X221146616>
- Safa, A., Abak, A., Shoorei, H., Taheri, M., & Ghafouri-Fard, S. (2020). MicroRNAs as regulators of ERK/MAPK pathway: A comprehensive review. *Biomedicine & Pharmacotherapy*, 132, 110853. <https://doi.org/10.1016/j.biopha.2020.110853>
- Santos, A. N. C. dos, Oliveira, P. E. G. de, Freire, J. E. da C., Santos, S. A. dos, Júnior, J. E. R. H., Andrade, C. R. de, Sousa, B. L. de, Silva, W. M. B. da, Oliveira, A. C. de, Ceccatto, V. M., Cardoso, J. H. L., Aquino, A. J. A., & Sousa, A. N. C. de. (2025). Computational Profiling of Monoterpenoid Phytochemicals: Insights for Medicinal Chemistry and Drug Design Strategies. *International Journal of Molecular Sciences*, 26(16). <https://doi.org/10.3390/ijms26167671>

- Saputro, A. H., Fauziyya, R., Sarmoko, & Saputra, I. S. (2024). Molecular Docking of Ferulic Acid, Bakuchiol And Niazirin on Peroxisome Proliferator-Activated Receptor Gamma (PPAR- γ) as anti-Diabetic Agents. *Acta Biochimica Indonesiana*, 7(2), 181. <https://doi.org/10.32889/actabioina.181>
- Setyawati et al. (2022). Molecular Docking Senyawa α -mangostin sebagai Antiinflamasi secara In Silico. *Jurnal Jejaring Matematika dan Sains*. <https://e-journal.upr.ac.id/index.php/JMS/article/view/4663>
- Shamsi, A., Khan, M. S., Yadav, D. K., Shahwan, M., Furkan, M., & Khan, R. H. (2024). Structure-Based Drug-Development Study Against Fibroblast Growth Factor Receptor 2: Molecular Docking And Molecular Dynamics Simulation Approaches. *Scientific Reports*, 14(1), 19439. <https://doi.org/10.1038/s41598-024-69850-1>
- Shen, L., Feng, H., Qiu, Y., & Wei, G.-W. (2023). SVSBI: Sequence-Based Virtual Screening of Biomolecular Interactions. *Communications Biology*, 6(1), 536. <https://doi.org/10.1038/s42003-023-04866-3>
- Shihata, W. A., Michell, D. L., Andrews, K. L., & Chin-Dusting, J. P. F. (2016). Caveolae: A Role in Endothelial Inflammation and Mechanotransduction? *Frontiers in Physiology*, 7. <https://doi.org/10.3389/fphys.2016.00628>
- Soares, C. L. R., Wilairatana, P., Silva, L. R., Moreira, P. S., Vilar Barbosa, N. M. M., da Silva, P. R., Coutinho, H. D. M., de Menezes, I. R. A., & Felipe, C. F. B. (2023). Biochemical aspects of the inflammatory process: A narrative review. *Biomedicine & Pharmacotherapy*, 168, 115764. <https://doi.org/10.1016/j.biopha.2023.115764>
- Sriuttha, P., Sirichanchuen, B., & Permsuwan, U. (2018). Hepatotoxicity of Nonsteroidal Anti-Inflammatory Drugs: A Systematic Review of Randomized Controlled Trials. *International Journal of Hepatology*, 2018, 5253623. <https://doi.org/10.1155/2018/5253623>
- Stea, D. M., & D'Alessio, A. (2025). Caveolae: Metabolic Platforms at the Crossroads of Health and Disease. *International Journal of Molecular Sciences*, 26(7). <https://doi.org/10.3390/ijms26072918>
- Stender, J. D., Nwachukwu, J. C., Kastrati, I., Kim, Y., Strid, T., Yakir, M., Srinivasan, S., Nowak, J., IZard, T., Rangarajan, E. S., Carlson, K. E., Katzenellenbogen, J. A., Yao, X.-Q., Grant, B. J., Leong, H. S., Lin, C.-Y., Frasier, J., Nettles, K. W., & Glass, C. K. (2017). Structural and Molecular Mechanisms of Cytokine-Mediated Endocrine Resistance in Human Breast Cancer Cells. *Molecular Cell*, 65(6), 1122-1135.e5. <https://doi.org/10.1016/j.molcel.2017.02.008>

- Sutrisno, S., & Maharani, M. (2025). Network pharmacology and molecular docking of *Phaleria macrocarpa* (Scheff.) Boerl. Bioactive compounds involved in endometriosis pathway. *Journal of Pharmacy & Pharmacognosy Research*, 13(s1), S140–S152. https://doi.org/10.56499/jppres24.2238_13.s1.140
- Tahamtan, A., Teymoori-Rad, M., Nakstad, B., & Salimi, V. (2018). Anti-Inflammatory MicroRNAs and Their Potential for Inflammatory Diseases Treatment. *Frontiers in Immunology*, 9. <https://doi.org/10.3389/fimmu.2018.01377>
- Theanphong, O., Jenjittikul, T., & Mingvanish, W. (2016). Chemotaxonomic study of volatile oils from rhizomes of 9 Zingiber species (Zingiberaceae). *Thai Journal of Botany*, 8, 127–139.
- Thitinarongwate, W., Nimlamool, W., Khonsung, P., Mektrirat, R., & Kuanusorn, P. (2022). Anti-Inflammatory Activity of Essential Oil from *Zingiber ottensii* Valetton in Animal Models. *Molecules*, 27(13), Article 13. <https://doi.org/10.3390/molecules27134260>
- Thomas, P. D. (2017). The Gene Ontology And The Meaning Of Biological Function. *Methods in Molecular Biology (Clifton, N.J.)*, 1446, 15–24. https://doi.org/10.1007/978-1-4939-3743-1_2
- Unsal, V., Oner, E., Yıldız, R., & Mert, B. D. (2025). Comparison Of New Secondgeneration H1 Receptor Blockers With Some Molecules; A Study Involving DFT, Molecular Docking, ADMET, Biological Target and Activity. *BMC Chemistry*, 19(1), 4. <https://doi.org/10.1186/s13065-024-01371-4>
- WHO. (2019). *WHO global report on traditional and complementary medicine 2019*. <https://www.who.int/publications/i/item/978924151536>
- Wu, S., Chen, R., Chen, J., Yang, N., Li, K., Zhang, Z., & Zhang, R. (2023). Study of the Anti-Inflammatory Mechanism of β -Carotene Based on Network Pharmacology. *Molecules*, 28(22), 7540. <https://doi.org/10.3390/molecules28227540>
- Yadav, P. K., Singh, S., & Singh, A. K. (2023). '3D-QSAR-based, pharmacophore Modelling, Virtual Screening, And Molecular Docking Studies For Identification Of Hypoxia-Inducible Factor-1 Inhibitor With Potential Bioactivity. *Computers in Biology and Medicine*, 166, 107557. <https://doi.org/10.1016/j.combiomed.2023.107557>

- Yeh, W.-L., Huang, B.-R., Chen, G.-W., Charoensaensuk, V., Tsai, C.-F., Yang, L.-Y., Lu, D.-Y., Chen, M.-K., & Lin, C. (2022). Role of Zerumbone, a Phytochemical Sesquiterpenoid from *Zingiber zerumbet* Smith, in Maintaining Macrophage Polarization and Redox Homeostasis. *Nutrients*, *14*(24), 5402. <https://doi.org/10.3390/nu14245402>
- Zammel, N., Saeed, M., Bouali, N., Elkahoui, S., Alam, J. M., Rebai, T., Kausar, M. A., Adnan, M., Siddiqui, A. J., & Badraoui, R. (2021). Antioxidant and Anti-Inflammatory Effects of *Zingiber officinale* roscoe and *Allium subhirsutum*: In Silico, Biochemical and Histological Study. *Foods*, *10*(6), 1383. <https://doi.org/10.3390/foods10061383>
- Zayed, A. O. H. (2025). Optimizing Protein-Ligand Docking Through Machine Learning: Algorithm Selection with AutoDock Vina. *Discover Chemistry*, *2*(1), 164. <https://doi.org/10.1007/s44371-025-00246-4>
- Zhang, S., Xiang, X., Liu, L., Yang, H., Cen, D., & Tang, G. (2021). Bioinformatics Analysis of Hub Genes and Potential Therapeutic Agents Associated with Gastric Cancer. *Cancer Management and Research*, *13*, 8929–8951. <https://doi.org/10.2147/CMAR.S341485>
- Zhang, X., Zhu, L., Wang, X., Xia, L., & Zhang, Y. (2023). Advances In The Role And Mechanism Of Mirna In Inflammatory pain. *Biomedicine & Pharmacotherapy*, *161*, 114463. <https://doi.org/10.1016/j.biopha.2023.114463>
- Zhong, Z., Guo, X., & Zheng, Y. (2021). Network Pharmacology-Based and Molecular Docking Analysis of Resveratrol's Pharmacological Effects on Type I Endometrial Cancer. *Anti-Cancer Agents in Medicinal Chemistry*, *22*(10), 1933–1944. <https://doi.org/10.2174/1871520621666211015140455>