

Daftar Pustaka

- Agarwal S, Mehrotra R. 2016. An Overview of Molecular Docking. Sci Med Central. CSIR National Physical Laboratory India. ISSN: 2333-6633
- Anand R, Beach A, Li K, Haber J. *Rad51-mediated double-strand break repair and mismatch correction of divergent substrates*. Nature. 2017 Apr 20;544(7650):377-380. doi: 10.1038/nature22046. Epub 2017 Apr 12. PMID: 28405019; PMCID: PMC5544500
- Bare, Y., S, M., Tiring, S. S. N. D., Sari, D. R. T., & Maulidi, A. 2020. Virtual Screening: Prediksi potensi 8-shogaol terhadap c-Jun N-Terminal Kinase (JNK). Jurnal Penelitian Dan Pengkajian Ilmu Pendidikan: E-Saintika, 4(1), 1–6.
- Bollela, V. R. Namburete E. I., Feliciano. C. S., Macheque. D, Harrison. L. H., and Caminero. J. A. 2016. *Detection of katG and inhA mutations to guide isoniazid and ethionamide use for drug-resistant tuberculosis*. Int J Tuberc Lung Dis. 2016 Aug;20(8):1099-104. doi: 10.5588/ijtld.15.0864. PMID: 27393546; PMCID: PMC5310937
- Ertl. Peter, Bernhard Rohde, and Paul Selzer. 2000. *Fast Calculation of Molecular Polar Surface Area as a Sum of Fragment-Based Contributions and Its Application to the Prediction of Drug Transport Properties*. Journal of Medicinal Chemistry 2000 43 (20), 3714-3717 DOI: 10.1021/jm000942e
- Endarini, Lully Hanni, M.Farm. 2016. Farmakognosi Dan Fitokimia. Jakarta Selatan: Pusdik SDM Kesehatan;215. <https://lullyhannie.files.wordpress.com/2023/04/modul-farmakognosi-dan-fitokimia>.
- Girsang, Merryani, Hendrik Edison, Elly Sinaga. 2014. Peningkatan Mutu Sediaan Apus TB Mikroskopik melalui Metode Lot Quality Assessment System Scoring (LQAS) pada Riskesdas 2010. Pusat Penelitian Biomedis dan Teknologi Dasar Kesehatan. DKI JAKARTA. IOS19738.slims-34959
- Fadhilah, Z. H., Perdana, F., & Syamsudin, R. A. M. R. (2021). Review: Telaah Kandungan Senyawa Katekin dan Epigallocatekin Galat (EGCG)

- sebagai Antioksidan pada Berbagai Jenis Teh. Jurnal Pharmascience, 8(1), 31. <https://doi.org/10.20527/jps.v8i1.9122>
- Fan Jiyu, Fu Ailing, Zhang Le. 2019. Progress in Molecular Docking. Quantitative Biology School of Computer Science. Sichuan University. Sichuan. China. DOI:[10.1007/s40484-019-0172-y](https://doi.org/10.1007/s40484-019-0172-y)
- Herwin, Sari.PS,Nuryansi S.2018.Aktivitas antibakteri ekstrak etanol ampas teh hijau *camellia sinensis* L. terhadap bakteri penyebab jerawat (*Propionibacterium acne* dan *Staphylococcus epidermis*) secara difusi agar.fakultas farmasi universitas muslim Indonesia. Makassar.
- Hardjono, S. 2016. Upaya untuk menghasilkan 1-(4-bromobenzoyloxy) urea sebagai calon obat antikanker. Berkala Ilmiah Kimia Farmasi, 3(1), 1–23
- Irianti, Kuswandi, Yasin NM, Kusumaningtiyas RA. 2016. Mengenal AntiTuberkulosis. Fakultas Farmasi Universitas Gadjah Mada. Yogyakarta
- Kementrian Kesehatan Republik Indonesia. 2020. Pedoman Nasional Pelayanan Kedokteran Tata Laksana Tuberkulosis. Jakarta: Depkes RI
- Laksono.Arif Anjang, Bana Ali Fikri, Muhammad Atma Yadin, Sendhyka Cakra Pradana, Tegar Anugrah Widi, Edi Widodo. 2018. Pengelompokan dan pemetaan penyakit tuberkulosis paru menurut provinsi di Indonesia tahun 2016 menggunakan analisis cluste k-means. UII. ISSN:202-6526
- Lipinski, C. A. (2004). Lead- and drug-like compounds: The rule-of-five revolution. Drug Discovery Today: Technologies, 1(4), 337–341.
- Lipinski, C. A. (2016). Rule of five in 2015 and beyond: *Target and ligand structural limitations, ligand chemistry structure and drug discovery project decisions*. Advanced Drug Delivery Reviews, 101, 34–41
- Magdalena. Et.al.2021. *antibacterial mechanisms of aronia melanocarpa (Michx), Chaenomeles superba Lindl. And Cornus mas L. leaf extract*. DOI:10.1016/j.foodchem.2021.129218
- Magdalena. Et.al.2021. *antibacterial mechanisms of aronia melanocarpa (Michx), Chaenomeles superba Lindl. And Cornus mas L. leaf extract*. DOI:10.1016/j.foodchem.2021.129218
- Narayanan. Et. Al. 2017. Cell type-specific structural organization of the six layers in rat barret cortex. germany

- Nursamsiar, Toding, A. T., & Awaluddin, A. 2016. Studi In Silico Senyawa Turunan Analog Kalkon Dan Pirimidin Sebagai Antiinflamasi: Prediksi Absorpsi, Distribusi, dan Toksisitas. *Pharmacy*, 13(01), 92–100
- Palupi.SN, Dase Hunaefi, Nugraha Susanto. 2021. Optimasi ekstraksi teh hijau berdasarkan kandungan polifenol, aktifitas anti oksidan dan profil sensori. *Jurnal of industrial and beverage crops*. Doi.org/10.21082/jtidp.v8n2.2021.p87-98
- Pires, D. E. V., Blundell, T. L., & Ascher, D. B. 2015. *pkCSM: Predicting smallmolecule pharmacokinetic and toxicity properties using graph-based signatures*. *Journal of Medicinal Chemistry*, 58(9), 4066–4072.
- Pratama, R. (2020). Studi in Silico Potensi Senyawa Turunan Kortikosteroid Sebagai Obat Covid-19. *Jurnal Veteriner Nusantara*, 3(2), 176–185. <http://ejurnal.undana.ac.id/jvn/article/view/3429>
- Reygaert, W. C., 2014. *The Antimicrobial Possibilities of Green Tea*. *Front Microbiol*, 5, 1–8
- Ruswanto. 2015. Molecular Docking empat turunan senyawa isonicotinolhydrazide pada Mycobacterium tuberculosis Enoyl-Acyl Carrier Protein Reductase (Inh-A). *Jurnal Kesehatan Bakti Tunas Husada*. Tasikmalaya.
- Sukaesih,DA. 2022. Karakterisasi senyawa katekin dari saun teh hijau (camellia sinensis (L.) Kuntze) dan uji aktifitas anti bakteri.Universitas Islam Indonesia. Yogyakarta
- Si.Weiduo a, Joshua Gong a, Rong Tsao a, Milosh Kalab a, Raymond Yang a, Yulong Yin b. 2006. *Bioassay-guided purification and identification of antimicrobial components in Chinese green tea extract*. <https://doi.org/10.1016/j.chroma.2006.05.061>
- Saxena AK, Singh A. *Mycobacterial tuberculosis Enzyme Targets and their Inhibitors*. *Curr Top Med Chem*. 2019;19(5):337-355. PMID: 30806318 doi: 10.2174/1568026619666190219105722.
- Utami. Nindy Astri., Riza. Hafrizal., Fajriaty. Inarah., 2023. Virtual Screening Struktur Senyawa Modifikasi Isoniazid Sebagai Upaya Mengurangi Efek Hepatotoksik. Prodi Farmasi Fakultas Kedokteran Universitas Tanjungpura. Pontianak.

- Widodo, Utomo D.H., Ramadhani A.N., Hasanah A., Fitriah A. 2018. Langkah Praktis Analisis Potensi Senyawa Secara in Silico. Malang. Global Science.
- Wahyuningsih, S., E. Ernawati, Yuliati. 2010. Efek Biomutagen Ekstrak Umbi Kembang sunsang (*Gloriosa superba* L.) terhadap Viabilitas Pollen dan Produksi Cabe Merah (*Capsicum annum* L.). Prosiding SN SMAP FMIPA Unila.
- Wang, J. Y., R. M. Burger dan K. Drlica. 1997. *Role of Superoxide in Catalase-Peroxidase-Mediated Isoniazid Action against Mycobacteria. Antimicroba Agents Chemother.* 42(3):709-711
- Weiduo Si a, Joshua Gong a, Rong Tsao a, Milosh Kalab a, Raymond Yang a, Yulong Yin b. 2006. *Bioassay-guided purification and identification of antimicrobial components in Chinese green tea extract.* <https://doi.org/10.1016/j.chroma.2006.05.061>
- WHO. 2016. Regional strategic plan towards ending TB in the WHO South-East Asia Region: 2021–2025 ISBN 978-92-9022-897-4
- Yuliantini. Anne, Nurnahari. Naura, Jamil. Mistly Fauziah, Asnawi. Aiyi. 2022. Skrining Fitokimia Ashitaba (*Angelica keskei*) terhadap Enoyl ACP-Reductase (inhA) *Mycobacterium tuberculosis* sebagai senyawa potensial anti-TB. Fakultas Farmasi Universitas Bhakti Kencana. Bandung
- <https://pubchem.ncbi.nlm.nih.gov/>
- <https://phytochem.nal.usda.gov/phytochem/search>
- <https://string-db.org/>
- <https://pyrx.sourceforge.io/>
- <https://pyrx.org>.
- [https://www.3ds.com/products-services/biovia/products/molecular-modeling-simulation/biovia-discovery-studio/ /](https://www.3ds.com/products-services/biovia/products/molecular-modeling-simulation/biovia-discovery-studio/)