

DAFTAR PUSTAKA

- Adnan, M., Khan, S., Kazmi, A., Bashir, N., & Siddique, R. (2020). COVID-19 Infection: Origin, Transmission, and Characteristics of Human Coronaviruses. *Journal of Advanced Research*, 24, 91–98.
- Ahn, D. G., Shin, H. J., Kim, M. H., Lee, S., Kim, H. S., Myoung, J., Kim, B. T., & Kim, S. J. (2020). Current Status of Epidemiology, Diagnosis, Therapeutics, and Vaccines for Novel Coronavirus Disease 2019 (COVID-19). *Journal of Microbiology and Biotechnology*, 30(3), 313–324.
- Arwansyah, Ambarsari, L., & Sumaryada, T. I. (2014). Simulasi Docking Senyawa Kurkumin Dan Analognya Sebagai Inhibitor Enzim 12-Lipoksigenase. *Current Biochemistry*, 1(in silico), 36–39.
- Beny, R., Yana, N. R. A., & Leorita, M. (2020). Desain Turunan Senyawa Leonurine Sebagai Kandidat Obat Anti Inflamasi. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, 6(1), 181–191.
- Blaising, J., Polyak, S. J., & Pécheur, E. I. (2014). Arbidol as a broad-spectrum antiviral: An update. *Antiviral Research*, 107(1), 84–94.
- BPOM RI, 2020. Informatarium Obat COVID-19 Di Indonesia, Jakarta . Retrieved from <http://online.flipbuilder.com/tbog/infi/mobile/index.html>
- Cheke, R. S. (2020). The Molecular Docking Study of Potential Drug Candidates Showing Anti-COVID-19 Activity by Exploring of Therapeutic Targets of SARS-CoV-2. *Eurasian Journal of Medicine and Oncology*, 4(3), 185–195.
- Dinata, D. I., Suryatno, H., Musfiroh, I., & Suherman, S. E. (2014). Simulasi Docking Molekuler Senyawa Xanthorrhizol sebagai Antiinflamasi terhadap Enzim COX-1 dan COX-2 Molecular Docking Simulation of Xanthorrhizol Compounds Derived from Temulawak as Antiinflammatory on Enzymes COX-1 and COX-2. *Ijgst*, 1(1), 7–13.
- Dwitiyanti, Rizky Arcintha Rachmania, Kriana Efendi, Tomy Tri Atmojo, Y. (2018). Potensi Biji Buah Nangka (*Artocarpus heterophyllus* L .) Dalam Menghambat Reseptor Alfa-Glukosidase pada Tikus Diabetes Mellitus Gestasional yang Terinduksi Streptozotosin Secara In Vivo dan Insilico. *Prodising Kolokium Doktor Dan Seminar Hasil Penelitian Hibah*, 1, 118–130.
- Furuta, Y., Komeno, T., & Nakamura, T. (2017). Favipiravir (T-705), A Broad Spectrum Inhibitor of Viral RNA Polymerase. *Proc Jpn Acad Ser B Phys Biol Sci.*, 93(7), 449–463.
- Hardjono, S. (2013). Sintesis Dan Uji Aktivitas Antikanker Senyawa. *Fakultas Farmasi Universitas Airlangga*, 2(1).
- Huang, C., Wang, Y., Li, X., Ren, L., Zhao, J., Hu, Y., Zhang, L., Fan, G., Xu, J., Gu, X., Cheng, Z., Yu, T., Xia, J., Wei, Y., Wu, W., Xie, X., Yin, W., Li, H., Liu, M., ... Cao, B. (2020). Clinical Features of Patients Infected with 2019 Novel Coronavirus in Wuhan, China. *The Lancet*, 395, 497–506. [https://doi.org/10.1016/S0140-6736\(20\)30183-5](https://doi.org/10.1016/S0140-6736(20)30183-5)
- Idrees, S., & Ashfaq, U. A. (2014). Discovery and Design of Cyclic Peptides as Dengue Virus Inhibitors Through Structure-Based Molecular Docking. *Asian Pacific Journal of Tropical Medicine*, 7(7), 513–516.
- Insiaty, Sri Darmayani, I. G. A. A. P., Marzuki, J. E., Angelia, F., William, Siane, A., Sary, L. D., Yohanes, L., Widyastuti, R., Nova, R., Simorangkir, D. S.,

- Lonah, Safitri, Y., Aliska, G., & Gayatri, A. (2020). Antiviral Treatment of Covid-19: A Clinical Pharmacology Narrative Review. *Medical Journal of Indonesia*, 29(3), 332–345.
- Lu, R., Zhao, X., Li, J., Niu, P., Yang, B., Wu, H., Wang, W., Song, H., Huang, B., Zhu, N., Bi, Y., Ma, X., Zhan, F., Wang, L., Hu, T., Zhou, H., Hu, Z., Zhou, W., Zhao, L., ... Tan, W. (2020). Genomic Characterisation and Epidemiology of 2019 Novel Coronavirus : Implications for Virus Origins and Receptor Binding. *The Lancet*, 395, 565–574.
- Narko Benny; Prasetiawati, Riska; Soni, Dang; Khairiyah, Faridhatul, T. P. (2017). Studi Penambatan Molekulsenyawa Dari Umbi Bawang Dayak (*Eleutherine Palmifolia* (L) Merr.) Sebagai Obat Antikanker Serviks. *Jurnal Ilmiah Farmako Bahari, Vol 8, No 2 (2017): Jurnal Ilmiah Farmako Bahari*, 1–14. <https://journal.uniga.ac.id/index.php/JFB/article/view/643>
- Paules, C. I. (2020). Coronavirus Infections—More Than Just the Common Cold Catharine. *American Medical Association*, 1–2.
- PDPI. (2020). *Pneumonia COVID-29 Diagnosis & Penatalaksanaan di Indonesia*.
- Perlman, A. R. F. and S. (2015). Coronaviruses: An Overview of Their Replication and Pathogenesis. *Coronaviruses: Methods and Protocols, Methods in Molecular Biology*, 1282, 1–23. <https://doi.org/10.1007/978-1-4939-2438-7>
- Prajapat, M., Sarma, P., Shekhar, N., Avti, P., Sinha, S., Kaur, H., & Kumar, S. (2020). Drug Targets for Corona Virus : A Systematic Review. *Indian Journal of Pharmacology*, 52(1), 56–65.
- Pratiwi, B., Yuniar, C. T., R, I. B. M., & Padmasawitri, T. I. A. (2019). *Info Penting Pengobatan Covid-19*. 1–4.
- Rachmania, R. A. (2019). Validasi Protokol Skrining Virtual Dan Analisis Interaksi Inhibitor Antiproliferasi Sel Kanker Berbasis Bahan Alam Terhadap Reseptor Cyclin-Dependent Kinase 4 (Cdk 4). *Media Farmasi: Jurnal Ilmu Farmasi*, 16(1), 21–40.
- Ratih Aryani, Y. P. S. (2016). Kajian Senyawa Eleutherine Dan Isoeleutherine Sebagai Antiinflamasi Terhadap Enzim Cox-1 Dan Cox-2. *Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-Ilmu Keperawatan, Analis Kesehatan Dan Farmasi*, 16(1), 77–87.
- Rock, B. M., Hengel, S. M., Rock, D. A., Wienkers, L. C., & Kunze, K. L. (2014). Characterization of Ritonavir-Mediated Inactivation of Cytochrome P450 3A4. *Molecular Pharmacology*, 86(6), 665–674.
- Rolain, J. M., Colson, P., & Raoult, D. (2007). Recycling of Chloroquine and Its Hydroxyl Analogue to Face Bacterial, Fungal and Viral Infections in the 21st Century. *International Journal of Antimicrobial Agents*, 30(4), 297–308.
- Romano, M., Ruggiero, A., Squeglia, F., Maga, G., & Berisio, R. (2020). A Structural View of SARS-CoV-2 RNA Replication Machinery: RNA Synthesis, Proofreading and Final Capping. *Cells*, 9(5).
- Ruswanto, Tita Nofianti, Richa Mardianingrum, Tresna Lestari, A. S. (2018). Desain dan Studi In Silico Senyawa Turunan Kuwanon-H sebagai Kandidat Obat Anti-HIV. *Jurnal Kimia VALENSI: Jurnal Penelitian Dan Pengembangan Ilmu Kimia*, 4(1), 57–66.
- Ruswanto, Winda Trisna Wulandari, Sarah Sri Rahayu, Richa Mardaningrum, N. D. H. (2019). Studi In Silico dan Bioaktivitas Turunan N'-Benzoylisonicotinohydrazide (4-methyl, 4-chloro dan 3,5-dinitro) pada

- Mycobacterium Tuberculosis (H37RV) Bakteri Gram Positif Serta bakteri Gram Negatif. *Pharmacoscript*, 2(1), 37–48.
- Ruswanto. (2015). Molekular Docking Empat Turunan Isonicotinohydrazide pada Mycobacterium Tuberculosis Enoyl-Acyl Carrier Protein Reductase (InhA). *Jurnal Kesehatan Bakti Tunas Husada*, 13(1), 135–141.
- Ruswanto, Rahayuningsih, N., Hidayati, N. L. D., Nuryani, G. S., & Mardianingrum, R. (2019). Uji In Vitro dan Studi In Silico Senyawa Turunan N'-Benzoylisonicotinohydrazide sebagai Kandidat Antituberkulosis (In Vitro and In Silico Study of N'-Benzoylisonicotinohydrazide as Antituberculosis Candidate). *Jurnal Ilmu Kefarmasian Indonesia*, 17(2), 218–226.
- Ruswanto, Siswandono, Richa, M., Tita, N., & Tresna, L. (2017). Molecular Docking of 1-Benzoyl-3-Methylthiourea as Anti Cancer Candidate and Its Absorption, Distribution, and Toxicity Prediction. *Journal of Pharmaceutical Sciences and Research*, 9(5), 680–684.
- Saleh, W. (2015). *Studi Hubungan Kuantitatif Struktur- Studi Hubungan Kuantitatif Struktur- Aktivitas Anti-Tuberkulosis Senyawa Amidasi Etil P-Metoksisinamat Dengan Pendekatan Hansch dan Penambatan Molekuler Pada Enzim Inh A*. 1–101.
- Setiadi, A. P., Wibowo, Y. I., Halim, S. V., Brata, C., Presley, B., & Setiawan, E. (2020). Tata Laksana Terapi Pasien dengan COVID-19: Sebuah Kajian Naratif. *Indonesian Journal of Clinical Pharmacy*, 9(1), 70–94.
- Sheahan, T. P., Sims, A. C., Leist, S. R., Schäfer, A., Won, J., Brown, A. J., Montgomery, S. A., Hogg, A., Babusis, D., Clarke, M. O., Spahn, J. E., Bauer, L., Sellers, S., Porter, D., Feng, J. Y., Cihlar, T., Jordan, R., Denison, M. R., & Baric, R. S. (2020). Comparative Therapeutic Efficacy of Remdesivir and Combination Lopinavir, Ritonavir, and Interferon Beta Against MERS-CoV. *Nature Communications*, 11(1), 1–14. <https://doi.org/10.1038/s41467-019-13940-6>
- Suhud, F. (2015). Uji Aktivitas In-silico Senyawa Baru 1-Benzil-3-benzoilurea Induk dan Tersubstitusi sebagai Agen Antiproliferatif. *Jurnal Farmasi Indonesia*, 7(4), 245–251.
- Syahputra, G., Ambarsari, L., & Sumaryada, T. (2014). Simulasi Docking Kurkumin Enol , Bismetoksikurkumin Dan Analognya Sebagai Inhibitor Enzim 12-Lipoksigenase. *Jurnal Biofisika*, 10(1), 55–67.
- Tambunan, U. S. F., Harganingtyas, R., & Parikesit, A. A. (2012). In silico modification of (1R, 2R, 3R, 5S)-(-)- Isopinocampheylamine as inhibitors of M2 Proton Channel in Influenza A Virus Subtype H1N1, using the Molecular Docking Approach. *Trends in Bioinformatics*, 5(2), 25–46.
- Wang, M., Cao, R., Zhang, L., Yang, X., Liu, J., Xu, M., Shi, Z., Hu, Z., Zhong, W., & Xiao, G. (2020). Remdesivir and Chloroquine Effectively Inhibit the Recently Emerged Novel Coronavirus (2019-nCoV) in Vitro. *Cell Research*, 30(3), 269–271.
- Wang, Z., Qiang, W., & Ke, H. (2020). A Handbook of 2019-nCoV Pneumonia Control and Prevention. *Hubei Science and Technology Press*, 1–108.
- Zhang, C., Zheng, W., Huang, X., Bell, E. W., Zhou, X., & Zhang, Y. (2020). Protein Structure and Sequence Reanalysis of 2019-nCoV Genome Refutes Snakes as Its Intermediate Host and the Unique Similarity between Its Spike

Protein Insertions and HIV-1. *Journal of Proteome Research*, 19(4), 1351–1360.

Zhou, D., Dai, S. M., & Tong, Q. (2020). COVID-19: A Recommendation to Examine the Effect of Hydroxychloroquine in Preventing Infection and Progression. *Journal of Antimicrobial Chemotherapy*, 1–4.