

DAFTAR PUSTAKA

- Andriani. (2018). Prediksi Senyawa Bioaktif Dari Tanaman Sanrego (*Lunasia amara Blanco*) Sebagai Inhibitor Enzim Siklooksigenase-2 (COX-2) Melalui Pendekatan Molecular Docking. *Jurnal Ilmiah Pena*, 1, 6–11.
- Arwansyah, Ambarsari, L., & Sumaryada, T. I. (2019). Simulasi Docking Senyawa Kurkumin Dan Analognya Sebagai Inhibitor Enzim 12-Lipoksigenase. *Current Biochemistry*, 1, 11–19.
- Boriskin, Y., Leneva, I., Pecheur, E.-I., & Polyak, S. (2008). Arbidol: A Broad-Spectrum Antiviral Compound that Blocks Viral Fusion. *Current Medicinal Chemistry*, 15(10), 997–1005. <https://doi.org/10.2174/092986708784049658>
- BPOM. (2020). Fact Sheet For Health Care Providers Emergency Use Authorization (EUA) Of Favipiravir For Treatment Of COVID-19 Patients. *Badan Pengawas Obat Dan Makanan*, 1–17.
- BPOM. (2020). *Langkah Strategi Badan Pom Dalam Penanganan Obat covid-19*. Baban Pengawas Obat dan Makanan.
- Clarke's Analysis of Drugs and Poisons. (4 th Edition) Handbook Hal: 1084-1628
- Fraulein, S. F., & Perdana, I. E. (2015). Uji In Silico Senyawa 2,6-Dihidroksiantraquinon Sebagai Ligan Pada Reseptor Estrogen Alfa. *Jurnal Farmasi Sains Dan Komunitas*, 12(2), 76–79.
- Gaba, M., Shaheed, A., Ajit, B., Jujhar, S., & Memorial, S. (2015). An overview on Molecular Docking. *Journal of Drug Development & Research*, 2(219–231).
- Gao, X., Qin, B., Chen, P., Zhu, K., Hou, P., Wojdyla, J. A., Wang, M., & Cui, S. (2020). Crystal structure of SARS-CoV-2 papain-like protease. *Acta Pharmaceutica Sinica B*, 1–9. <https://doi.org/10.1016/j.apsb.2020.08.014>
- Guedes, I. A., de Magalhães, C. S., & Dardenne, L. E. (2014). Receptor-ligand molecular docking. *Biophysical Reviews*, 6(1), 75–87. <https://doi.org/10.1007/s12551-013-0130-2>
- Handayani, D., Hadi, D. R., Isbaniah, F., Burhan, E., & Agustin, H. (2020). Penyakit Virus Corona 2019. *Respirologi Indonesia*, 40, 119–129.
- Instiaty, Darmayani, S., Putu, I. G. A. A., 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, 332–345. <https://doi.org/10.13181/mji.rev.204652>
- Kemenkes. Farmakope Indonesia Edisi V 2014. Jakarta: Kemenkes Kesehatan Republik Indonesia. 2014 Hal: 1090-1114

- Kelutur, F. J., Mustarichie, R., & Umar, A. K. (2020). Virtual Screening Kandungan Senyawa Kipas Laut (*Gorgonia mariae*) sebagai Anti-Asma. *Jurnal Penelitian Kimia*, 16(2), 199–210. <https://doi.org/10.20961/alchemy.16.2.39965.48-59>
- Kim, S., Thiessen, P. A., Cheng, T., Yu, B., Shoemaker, B. A., Wang, J., Bolton, E. E., Wang, Y., & Bryant, S. H. (2016). Literature information in PubChem: Associations between PubChem records and scientific articles. *Journal of Cheminformatics*, 8(1), 1–15. <https://doi.org/10.1186/s13321-016-0142-6>
- Kurnia, S. N., & Ruswanto. (2019). *Studi Komputasi Senyawa 1,3-bis(methylsulfinyl) benzene dengan Metode Simulasi Dinamika Molekuler pada Aplikasi GROMACS 2019*. 1–6.
- Kusumaningrum, A., Wayan Gunam, I. B., & Mahaputra Wijaya, I. M. (2019). Optimasi Suhu dan pH Terhadap Aktivitas Enzim Endoglukonase Menggunakan Response Surface Methodology (RSM). *Jurnal Rekayasa Dan Manajemen Agroindustri*, 7(2), 243. <https://doi.org/10.24843/jrma.2019.v07.i02.p08>
- Maynard, A. J., & Ph, D. (2008). Tips and Tricks using Discovery Studio. *Accelrys*, 1–9.
- Nugrahaningsih, D. A. A., & Purnomo, E. (2020). Chloroquine and hydroxychloroquine for COVID-19. *Postgraduate Medical Journal*, 52(3), 11–20. <https://doi.org/10.19106/JMedSciSI005203202002>
- Pratama, M. R. F. (2016). Studi Docking Molekular Senyawa Turunan Kuinolin Terhadap Reseptor Estrogen-? *Jurnal Surya Medika*, 2(1), 1–7. <https://doi.org/10.33084/jsm.v2i1.215>
- Petushkova, A. I., & Zamyatnin, A. A. (2020). Papain-like proteases as coronaviral drug targets: Current inhibitors, opportunities, and limitations. *Pharmaceuticals*, 13(10), 1–17. <https://doi.org/10.3390/ph13100277>
- 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*, 16(1), 21–40. <https://doi.org/10.12928/mf.v16i1.12101>
- Ravi, L., & Krishnan, K. (2016). *a Handbook on Protein-Ligand Docking Tool: Autodock4*. 4(3), 1–6.
- Rose, P. W., Prlić, A., Bi, C., Bluhm, W. F., Christie, C. H., Dutta, S., Green, R. K., Goodsell, D. S., Westbrook, J. D., Woo, J., Young, J., Zardecki, C., Berman, H. M., Bourne, P. E., & Burley, S. K. (2015). The RCSB Protein Data Bank: Views of structural biology for basic and applied research and education. *Nucleic Acids Research*, 43(D1), D345–D356. <https://doi.org/10.1093/nar/gku1214>

- Ruswanto. (2015). Molecular Docking Empat Turunan Isonicotinohydrazine Pada Mycobacterium Tuerculosis Enoyl-Acyl Carrier Protein Reduktase (InhA). *Jurnal Kesehatan Bakti Tunas Husada*, 13(1), 135–141. <https://doi.org/10.36465/jkbth.v13i1.25>
- Ruswanto, R., Mardianingrum, R., Lestari, T., Nofianti, T., Tuslinah, L., & Nurmalik, D. (2018). *In silico study of the active compounds in bitter melon (Momordica charantia L) as antidiabetic medication*. 8(2), 177–194. <https://doi.org/10.12928/pharmaciana.v8i2.8993>
- Ruswanto, Wulandari, W. T., Rahayu, S. S., Mardaningrum, R., & Hidayati, N. D. (2019). Studi In Silico dan Bioaktivitas Senyawa Turunan N'-Benzoylisonicotinohydrazine (4-methyl, 4-chloro dan 3,5-dinitro) Pada Mycobacterium Tuberculosis (H37RV) Bakteri Gram Positif Serta Bakteri Gram Negatif. *Pharmacoscript*, 2(2), 1–12.
- Saputri, K. E., Fakhmi, N., Kusumaningtyas, E., Priyatama, D., & Santoso, B. (2019). Docking Molekular Potensi Anti Diabetes Melitus Tipe 2 Turunan Zerumbon Sebagai Inhibitor Aldosa Reduktase Dengan Autodock-Vina. *Chimica et Natura Acta*, 4(1), 16–20. <https://doi.org/10.24198/cna.v4.n1.10443>
- 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. <https://doi.org/10.15416/ijcp.2020.9.1.70>
- Susanti, N. M. P. ., Saputra1, D. P. D., Hendrayati, P. L., Parahyangan, I. P. D. N., & Swandari, I. A. D. G. (2018). Molecular Docking Sianidin dan Peonidin sebagai Antiinflamasi pada Aterosklerosis Secara In Silico. *Jurnal Farmasi Udayana*, 7(1), 28–33. <https://doi.org/10.24843/jfu.2018.v07.i01.p04>
- Susilo, A., Rumende, C. M., Pitoyo, C. W., Santoso, W. D., Yulianti, M., Herikurniawan, H., Sinto, R., Singh, G., Nainggolan, L., Nelwan, E. J., Chen, L. K., Widhani, A., Wijaya, E., Wicaksana, B., Maksum, M., Annisa, F., Jasirwan, C. O. M., & Yunihastuti, E. (2020). Coronavirus Disease 2019: Tinjauan Literatur Terkini. *Jurnal Penyakit Dalam Indonesia*, 7(1), 45. <https://doi.org/10.7454/jpdi.v7i1.415>
- Syahputra, G., Ambarsari, L., & Sumaryada, T. (2014). Simulasi Docking Kurkumin Enol , Bismetoksikurkumin Dan Analognya Sebagai Inhibitor Enzim12-Lipoksigenase. *Jurnal Biofisika*, 10(1), 55–67.
- Wardaniati, I., & Azhari Herli, M. (2018). Studi Molecular Docking Senyawa Golongan Flavonol Sebagai Antibakteri. *JOPS (Journal Of Pharmacy and Science)*, 1(2), 20–27. <https://doi.org/10.36341/jops.v1i2.489>
- 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. <https://doi.org/10.1038/s41422-020-0282-0>

- Watia, W., Widodoa, G. P., & Herowat, R. (2020). Prediction of Pharmacokinetics Parameter and Molecular Docking Study of Antidiabetic Compounds from *Syzygium polyanthum* and *Syzygium cumini*. *Jurnal Kimia Sains Dan Aplikasi*, 23, 189–195.
- Wu, D., Wu, T., Liu, Q., & Yang, Z. (2020). International Journal of Infectious Diseases. *Journal of Infections*, 94, 44–48. <https://doi.org/10.1016/j.ijid.2020.03.004>
- Y.M., O., D.E., G., R.Y., F., A.Y.1, I., & O.A, F. (2018). Molecular Docking and In-Silico ADME Prediction of Substituted (E) -4-Styryl-7 , 8-dihydroquinazolin-5 (6 H) - ones and 5- ((E) -Styryl) pyrimidine [4 , 5-d] pyrimidine- 2 , 4 (1 H , 3 H) -diones as Potential SERT Inhibitors and Antidepressants. *American Journal of Pharmacological Sciences*, 6(1), 25–32. <https://doi.org/10.12691/ajps-6-1-5>
- Zhou, P., Yang, X. Lou, Wang, X. G., Hu, B., Zhang, L., Zhang, W., Si, H. R., Zhu, Y., Li, B., Huang, C. L., Chen, H. D., Chen, J., Luo, Y., Guo, H., Jiang, R. Di, Liu, M. Q., Chen, Y., Shen, X. R., Wang, X., ... Shi, Z. L. (2020). A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature*, 579(7798), 270–273. <https://doi.org/10.1038/s41586-020-2012-7>