

DAFTAR PUSTAKA

- Adriani. (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.
- Aisyah, S. J. (2020). Literature Review Identifikasi Efek Protektif Bawang Putih Berupa Antioksidan Terhadap Radikal Bebas Identify the Protective Effect of Garlic as Antioxidant Against Free Radicals Pendahuluan. *Jurnal Ilmiah Kesehatan Sandi Husada*, 9(2), 1051–1056. <https://doi.org/10.35816/jiskh.v10i2.470>
- Amin, S., Juanti, A., Tri, A., Pratita, K., & Adlina, S. (2021). *Penambatan Senyawa Anti Virus sebagai Anti COVID-19 terhadap Enzim Papain-Like Protease. September*, 95–104.
- Andri Nugrah Pratama, Yusnita rifai, A. M. (2017). DOCKING MOLEKULER SENYAWA 5,5'- DIBROMOMETILSESAMIN. *Majalah Farmasi Dan Farmakologi*, 21(3), 67–69.
- Atmojo, joko tri, Akbar, P. S., Kuntari, S., Yulianti, I., & Darmayanti, A. T. (2020). Definisi dan Jalur Penularan Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) atau COVID-19. *Jurnal Pendidikan Kesehatan (e-Journal)*, 9(1), 57–64. <https://ojs.poltekkes-malang.ac.id/index.php/jpk/article/view/1513>
- Awdisma, W. M., Nosa, U. S., & Hasmono, D. (2021). *Kajian Literatur : Tinjauan Remdesivir sebagai Pilihan Terapi pada COVID – 19*. 8(2), 121–132.
- Das, S., Sarmah, S., Lyndem, S., & Singha Roy, A. (2021). An investigation into the identification of potential inhibitors of SARS-CoV-2 main protease using molecular docking study. *Journal of Biomolecular Structure and Dynamics*, 39(9), 3347–3357. <https://doi.org/10.1080/07391102.2020.1763201>
- Dewi, R. S., Mutholib, A., Anggraeni, A., Bahti, H. H., Hardianto, A., & Yusuf, M. (2020). Selektivitas Ligan DBDTP Terhadap Isomer Ligan Dbdtp untuk Ekstraksi Logam Tanah Jarang Berdasarkan Kajian Simulasi Dinamika Molekuler. *Al-Kimiya*, 6(2), 67–74. <https://doi.org/10.15575/ak.v6i2.6504>
- Dwi, D. K., Sasongkowati, R., & Haryanto, E. (2020). Studi in Silico Sifat Farmakokinetik, Toksisitas, Dan Aktivitas Imunomodulator Brazilein Kayu Secang Terhadap Enzim 3-Chymotrypsin-Like Cysteine Protease Coronavirus. *Journal of Indonesian Medical Laboratory and Science (JoIMedLabS)*, 1(1), 76–85. <https://doi.org/10.53699/joimedlabs.v1i1.14>

- Ferreira, L. G., Dos Santos, R. N., Oliva, G., & Andricopulo, A. D. (2015). Molecular docking and structure-based drug design strategies. In *Molecules* (Vol. 20, Issue 7). <https://doi.org/10.3390/molecules200713384>
- Gaffar, S., Masyhuri, A. A., Hartati, Y. W., Jatinangor, B., & Barat, J. (2014). *STUDI IN SILICO SINGLE CHAIN VARIABLE FRAGMENT (SCFV) SELEKTIF TERHADAP HORMON BASIC NATRIURETIC PEPTIDE (BNP)*. 2012.
- Ikawaty, R. (2020). Dinamika Interaksi Reseptor ACE2 dan SARS-CoV-2 Terhadap Manifestasi Klinis COVID-19. *KELUWIH: Jurnal Kesehatan Dan Kedokteran*, 1(2), 70–76. <https://doi.org/10.24123/kesdok.v1i2.2869>
- Joshi, S., Parkar, J., Ansari, A., Vora, A., & Talwar, D. (2020). *Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID- 19 . The COVID-19 resource centre is hosted on Elsevier Connect , the company ' s public news and information . January.*
- Kabinger, F., Stiller, C., Schmitzová, J., Dienemann, C., Kokic, G., Hillen, H. S., Höbartner, C., & Cramer, P. (2021). Mechanism of molnupiravir-induced SARS-CoV-2 mutagenesis. *Nature Structural and Molecular Biology*, 28(9), 740–746. <https://doi.org/10.1038/s41594-021-00651-0>
- Kedokteran, F., & Lampung, U. (2020). *Wellness and healthy magazine*. 2(February), 187–192.
- Kementerian Kesehatan Republik Indonesia. (2021). Situasi Terkini Perkembangan (COVID-19). *Kemendes, agustus, 1–4*. https://covid19.kemkes.go.id/download/Situasi_Terkini_050520.pdf
- Kesuma, D., Siswandono, S., Purwanto, B. T., & Hardjono, S. (2018). Uji in silico Aktivitas Sitotoksik dan Toksisitas Senyawa Turunan N-(Benzoil)-N'-feniltiourea Sebagai Calon Obat Antikanker. *JPSCR: Journal of Pharmaceutical Science and Clinical Research*, 3(1), 1. <https://doi.org/10.20961/jpscr.v3i1.16266>
- Kim, S., Thiessen, P. A., Bolton, E. E., Chen, J., Fu, G., Gindulyte, A., Han, L., He, J., He, S., Shoemaker, B. A., Wang, J., Yu, B., Zhang, J., & Bryant, S. H. (2016). PubChem substance and compound databases. *Nucleic Acids Research*, 44(D1), D1202–D1213. <https://doi.org/10.1093/nar/gkv951>
- Kunti Setiowati, F., Widoretno, W., Lukiati, B., & Prasetyawan, S. (2019). Comparison of Organosulfur Bioactive Compounds in Bulb, Callus and Cells Suspension of Single Garlic (*Allium sativum*. L). *IOP Conference Series: Earth and Environmental Science*, 391(1).

1315/391/1/012039

- Lelita, R., Gunawan, R., & Astuti, W. (2017). Studi Docking Molekular Senyawa Kuersetin , Kalkon Dan Turunannya Sebagai Inhibitor Sel Kanker Payudara Mc-7 (Michigan Cancer Molecular Docking Studies Quercetin , Chalcone and Its Derivate Inhibitor To Breast Cancer Cells Mcf-7 (Michigan Cancer Foundat. *Jurnal Atomik*, 7, 190–196.
- Mahase, E. (2021). Covid-19: UK becomes first country to authorise antiviral molnupiravir. *Bmj*, n2697. <https://doi.org/10.1136/bmj.n2697>
- Majumder, R., & Mandal, M. (2020). Screening of plant-based natural compounds as a potential COVID-19 main protease inhibitor: an in silico docking and molecular dynamics simulation approach. *Journal of Biomolecular Structure and Dynamics*, 0(0), 1–16. <https://doi.org/10.1080/07391102.2020.1817787>
- Manalu, R. T. (2021). Molecular docking senyawa aktif buah dan daun jambu biji (Psidium guajava L.) terhadap main protease pada SARS-CoV-2. *Forte Jurnal*, 1(2), 9–16. www.ojs.unhaj.ac.id/index.php/fj
- Moulia, M. N., Syarief, R., Iriani, E. S., Kusumaningrum, H. D., & Suyatma, N. E. (2018). Antimikroba Ekstrak Bawang Putih. *Jurnal Pangan*, 27(1), 55–66.
- National Institutes of Health. (2021). Treatment Guidelines Panel. Coronavirus Disease 2019 (COVID-19). *Nih*, 2019. <https://www.covid19treatmentguidelines.nih.gov/>
- Nursanti, O., Militer, F. F., Pertahanan, U., Indonesia, R., Docking, M., Studio, D., Inflamasi, A., Binding, T., Studio, D., Brightening, S., Ilmu, F., Universitas, K., & Bangsa, D. (2016). *Validasi Penambatan Molekul Untuk Mendapatkan*.
- 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>
- Parasuraman, S. (2011). Prediction of activity spectra for substances. *Journal of Pharmacology and Pharmacotherapeutics*, 2(1), 52–53. <https://doi.org/10.4103/0976-500X.77119>
- Pellet, P. E., Mitra, S., & Holland, T. C. (2020). Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID- Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19. *Handbook of Clinical Neurology*, 123(January), 45–66.
- Prasojo, S. L., Hartanto, F. A. D., Yuniarti, N., Ikawati, Z., & Istyastono, E. P.

- (2010). Docking of 1-Phenylsulfonamide-3-Trifluoromethyl-5-Parabromophenyl-Pyrazole To Cyclooxygenase-2 Using Plants. *Indonesian Journal of Chemistry*, 10(3), 348–351. <https://doi.org/10.22146/ijc.21441>
- Purnomo, H. (2013). *Kimia Komputasi Untuk Farmasi Dan Ilmu Terkait (Uji in Siliko Senyawa Antikanker)*. Pustaka Pelajar.
- 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. <https://doi.org/10.12928/mf.v16i1.12101>
- 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.
- Rose, P. W., Prlić, A., Altunkaya, A., Bi, C., Bradley, A. R., Christie, C. H., Di Costanzo, L., Duarte, J. M., Dutta, S., Feng, Z., Green, R. K., Goodsell, D. S., Hudson, B., Kalro, T., Lowe, R., Peisach, E., Randle, C., Rose, A. S., Shao, C., ... Burley, S. K. (2017). The RCSB protein data bank: Integrative view of protein, gene and 3D structural information. *Nucleic Acids Research*, 45(D1), D271–D281. <https://doi.org/10.1093/nar/gkw1000>
- Ruswanto, R. (2015). Desain Dan Pemodelan Molekul Turunan 1,3-Dibenzoil Tiourea Sebagai Inhibitor Chk1 Secara in Silico. *Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-Ilmu Keperawatan, Analis Kesehatan Dan Farmasi*, 9(1), 14. <https://doi.org/10.36465/jkbth.v9i1.89>
- Sari, I. W., Junaidin, J., & Pratiwi, D. (2020). STUDI MOLECULAR DOCKING SENYAWA FLAVONOID HERBA KUMIS KUCING (Orthosiphon stamineus B.) PADA RESEPTOR α -GLUKOSIDASE SEBAGAI ANTIDIABETES TIPE 2. *Jurnal Farmagazine*, 7(2), 54. <https://doi.org/10.47653/farm.v7i2.194>
- 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. <https://doi.org/10.15416/ijcp.2020.9.1.70>
- Setiawan, H., & Irawan, M. I. (2017). Kajian Pendekatan Penempatan Ligan Pada Protein Menggunakan Algoritma Genetika. *Jurnal Sains Dan Seni ITS*, 6(2), 2–6. <https://doi.org/10.12962/j23373520.v6i2.25468>
- Siregar, H. S., Sugilar, H., & Hambali, H. (2020). Merekonstruksi Alam dalam Kajian Sains dan Agama Studi Kasus pada Masa Pembatasan Sosial Berskala

Besar (PSBB) Dampak Covid-19. *Karya Tulis Ilmiah UIN Sunan Gunung Djati Bandung*.

- Suhud, F. (2015). Dipersembahkan Untuk Kemajuan Ilmu Pengetahuan dan Teknologi Kefarmasian di Indonesia. *Jurnal Farmasi Indonesia, Vol.7 no.4*(Ekspresi dan Kadar Gaba Pada Palatum Sekunder Mencit Prenatal dengan Paparan Diazepam di Periode Organogenesis), 229. [http://repository.ubaya.ac.id/28539/1/Ekspresi dan kadar gaba_2015.pdf](http://repository.ubaya.ac.id/28539/1/Ekspresi%20dan%20kadar%20gaba_2015.pdf)
- Susilo, A., Rumende, C. M., Pitoyo, C. W., Santoso, W. D., Yulianti, M., Sinto, R., Singh, G., Nainggolan, L., Nelwan, E. J., Khie, L., Widhani, A., Wijaya, E., Wicaksana, B., Maksum, M., Annisa, F., Jasirwan, O. M., Yuniastuti, E., Penanganan, T., New, I., ... Cipto, R. (2020). *Coronavirus Disease 2019 : Tinjauan Literatur Terkini Coronavirus Disease 2019 : Review of Current Literatures*. 7(1), 45–67.
- Syahputra, G., Ambarsari L, & T, S. (2014). Simulasi docking kurkumin enol, bisdemetoksikurkumin dan analognya sebagai inhibitor enzim12-lipoksigenase. *Biofisika, 10*(1), 55–67.
- Untari, I. (2010). Bawang Putih Sebagai Obat Paling Mujarab Bagi Kesehatan. *Gaster, 7*(1), 547–554. <https://www.jurnal.stikes-aisyiyah.ac.id/index.php/gaster/article/view/59>
- Vradinatika, A. (2020). Kandungan Bawang Putih (*Allium Sativum*) Dalam Bentuk Ekstrak Sebagai Antifungi Dalam Uji Mikrobiologi. *Jurnal Kedokteran Sains Dan Teknologi Medik (STM), 3*(1), 41–48.
- Yeni, Y., Supandi, S., & Merdekawati, F. (2018). In silico toxicity prediction of 1-phenyl-1-(quinazolin-4-yl) ethanol compounds by using Toxtree, pkCSM and preADMET. *Pharmaciana, 8*(2), 216. <https://doi.org/10.12928/pharmaciana.v8i2.9508>
- Zubair, M. S., Maulana, S., & Mukaddas, A. (2020). Penambatan Molekuler dan Simulasi Dinamika Molekuler Senyawa Dari Genus *Nigella* Terhadap Penghambatan Aktivitas Enzim Protease HIV-1. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal), 6*(1), 132–140. <https://doi.org/10.22487/j24428744.2020.v6.i1.14982>