

DAFTAR PUSTAKA

- Afendi, F. M., Okada, T., Yamazaki, M., Hirai-Morita, A., Nakamura, Y., Nakamura, K., Ikeda, S., Takahashi, H., Altaf-Ul-Amin, M., Darusman, L. K., Saito, K., & Kanaya, S. (2012). KNAPSAck family databases: Integrated metabolite-plant species databases for multifaceted plant research. *Plant and Cell Physiology*, 53(2). <https://doi.org/10.1093/pcp/pcr165>
- Arwansyah, A., Ambarsari, L., & Sumaryada, T. I. (2014). Simulasi docking senyawa kurkumin dan analognya sebagai inhibitor reseptor androgen pada kanker prostat. *Current Biochemistry* 1(1):11-19.
- Cantarini, L., Caramaschi, P., Bellisai, F., Brogna, A., & Galeazzi, M. (2009). Safety and efficacy of etanercept in children with juvenile. Onset immunopathology and pharmacology (Vol. 22, Issue 2).
- Daina, A., Michielin, O., & Zoete, V. (2017). SwissADME: a free web tool to evaluate pharmacokinetics, drug-likeness and medicinal chemistry friendliness of small molecules. *Scientific reports* 7(1):1-13.
- Dong, J., Wang, N. N., Yao, Z. J., Zhang, L., Cheng, Y., Ouyang, D., & Cao, D.S.(2018). ADMETlab: a platform for systematic ADMET evaluation based on a comprehensively collected ADMET database. *Journal of cheminformatics*. 10(1), 1-11.
- Febriana (2015). Penatalaksanaan Fisioterapi Pada Kasus Rheumatoid Arthritis Ankle Billateral Di RSUD Saras Husada Purworejo. Fakultas Ilmu Kesehatan Universitas Muhammadiyah Surakarta
- Georganas, C., Liu, H., Perlman, H., Hoffmann, A., Thimmapaya, B., & Pope, R. M. (2000). *Regulation of IL-6 and IL-8 Expression in Rheumatoid Arthritis Synovial Fibroblasts: the Dominant Role for NF-B But Not C/EBP or c-Jun*. 1. <http://journals.aai.org/jimmunol/article-pdf/165/12/7199/1127249/7199.pdf>
- Hongyan, L., Zexiong, Z., Shiwei, X., He, X., Yinian, Z., Haiyun, L., & Zhongsheng, Y. (2019). Study on transformation and degradation of bisphenol A by Trametes versicolor laccase and simulation of molecular docking. *Chemosphere*. 224. 743–750. <https://doi.org/10.1016/j.chemosphere.2019.02.143>

- Jap, A., & Chee, S.-P. (2008). Immunosuppressive therapy for ocular diseases. *Current Opinion in Ophthalmology*, 19(6), 535–540. <https://doi.org/10.1097/ICU.0b013e3283126d20>
- Jia, H. P., Look, D. C., Shi, L., Hickey, M., Pewe, L., Netland, J., ... & McCray, P. B. (2005). ACE2 receptor expression and severe acute respiratory syndrome coronavirus infection depend on differentiation of human airway epithelia. *Journal of virology* 79(23): 14614-14621.
- Kaushik, M. (2014). A review of Innovative Chemical Drawing and Spectra Prediction Computer Software. *Mediterranean Journal of Chemistry*, 3(1), 759–766. <https://doi.org/10.13171/mjc.3.1.2014.04.04.16>
- Korb, O., Stützle, T., & Exner, T. E. (2007). An ant colony optimization approach to flexible protein–ligand docking. *Swarm Intelligence* 1(2): 115-134.
- Lipsky, P. E., van der Heijde, D. M. F. M., St. Clair, E. W., Furst, D. E., Breedveld, F. C., Kalden, J. R., Smolen, J. S., Weisman, M., Emery, P., Feldmann, M., Harriman, G. R., & Maini, R. N. (2000). Infliximab and Methotrexate in the Treatment of Rheumatoid Arthritis. *New England Journal of Medicine*, 343(22), 1594–1602. <https://doi.org/10.1056/NEJM200011303432202>
- Mahdi, H. J., Khan, N. A. K., Asmawi, M. Z. B., Mahmud, R., & A/L Murugaiyah, V. (2018). In vivo anti-arthritis and anti-nociceptive effects of ethanol extract of *Moringa oleifera* leaves on complete Freund's adjuvant (CFA)-induced arthritis in rats. *Integrative medicine research*, 7(1), 85–94.
- Mooers BHM. (2021). A PyMOL snippet library for Jupyter to boost researcher productivity. *Comput Sci Eng*. Mar-Apr;23(2):47-53. doi: 10.1109/mcse.2021.3059536. Epub 2021 Feb 16. PMID: 33967632; PMCID: PMC8104305.
- Mundlapati, V. R., Sahoo, D. K., Ghosh, S., Purame, U. K., Pandey, S., Acharya, R., Pal, N., Tiwari, P., & Biswal, H. S. (2017). Spectroscopic Evidences for Strong Hydrogen Bonds with Selenomethionine in Proteins. *The journal of physical chemistry letters*, 8(4), 794–800. <https://doi.org/10.1021/acs.jpclett.6b02931>
- Murumkar, P. R., DasGupta, S., Chandani, S. R., Giridhar, R., & Yadav, M. R. (2010). Novel TACE inhibitors in drug discovery: a review of patented compounds. *Expert Opinion on Therapeutic Patents*,

- 20(1), 31–57. <https://doi.org/10.1517/13543770903465157>
- Navien, T. N., Thevendran, R., Hamdani, H. Y., Tang, T.-H., & Citartan, M. (2021). In silico molecular docking in DNA aptamer development. *Biochimie*, 180, 54–67. <https://doi.org/10.1016/j.biochi.2020.10.005>
- Rudan, I., Sidhu, S., Papana, A., Meng, S. J., Xin-Wei, Y., Wang, W., Campbell-Page, R. M., Demaio, A. R., Nair, H., Sridhar, D., Theodoratou, E., Dowman, B., Adeloye, D., Majeed, A., Car, J., Campbell, H., Wang, W., & Chan, K. Y. (2015). Prevalence of rheumatoid arthritis in low- and middle-income countries: A systematic review and analysis. *Journal of Global Health*, 5(1). <https://doi.org/10.7189/jogh.05.010409>
- Pratama, M. R. F., Poerwono, H., & Siswodihardjo, S. (2020). Molecular docking of novel 5-O-benzoylpinostrin derivatives as SARS-CoV-2 main protease inhibitors. *Pharmaceutical Sciences*, 26(Suppl 1), S63–S77. <https://doi.org/10.34172/PS.2020.57>
- Purnomo, H. (2019b). Moleculer Docking Parasetamol dan Analognya menggunakan PLANTS (Protein-Ligand ANT-System) (D. Prabantini (ed.)). Rapha Publishing. <http://https://andipublisher.com/>
- Sari, I. W., Junaidin, J., & Pratiwi, D. (2020). Studi Molecular Docking SenyawaFlavonoid Herba Kumis Kucing (Orthosiphon stamineus B.) Pada Reseptor α -Glukonidase Sebagai Antidiabetes Tipe 2. *Jurnal Farmagazine*, 7(2):54-60.
- Shi M, Wang J, Xiao Y, et al. (2018). Glycogen metabolism and rheumatoid arthritis: the role of glycogen synthase 1 in regulation of synovial inflammation via blocking AMP-activated protein kinase activation. *Front Immunol*. 9, 1714.
- Shaweta, S., Akhil, S., & Utsav, G. (2021). Molecular Docking studies on the Anti- fungal activity of Allium sativum (Garlic) against Mucormycosis (black fungus) by BIOVIA discovery studio visualizer 21.1.0.0. *Annals of Antivirals and Antiretrovirals*, 028–032. <https://doi.org/10.17352/aaa.000013>.
- Savitri, L., Kasimo, E. R., Farendra, L. P., & Muslikha, I. D. (2020). Uji Potensi Epigallocatechin Gallate Kulit Pisang Raja (*Musa paradisiaca* var. Raja) terhadap Caspase 3 melalui Granzyme B Pathway pada Mencit (*Mus musculus*) Model Sepsis Berbasis in Silico. *Jurnal Ilmiah Universitas Batanghari Jambi*, 20(3), 807.

<https://doi.org/10.33087/jiubj.v20i3.1023>

Sjögren, T., Nord, J., Ek, M., Johansson, P., Liu, G., & Geschwindner, S. (2013). Crystal structure of microsomal prostaglandin E2 synthase provides insight into diversity in the MAPEG superfamily. *Proceedings of the National Academy of Sciences of the United States of America*, 110(10), 3806–3811. <https://doi.org/10.1073/pnas.1218504110>

Tian H. (2007). Cronstein BN. Understanding the mechanisms of action of methotrexate: implications for the treatment of rheumatoid arthritis. *Bull NYU Hosp Jt Dis.* 65(3): 168–73.

Tiara Ajeng, L., Rina, H., & Asmiyenti, D. D. 2020. Analisis Docking Molekuler Senyawa Derivat Phthalimide sebagai Inhibitor Non-Nukleosida HIV-1 Reverse Transcriptase. ARTIKEL JURNAL.

Takahashi, S., Saegusa, J., Sendo, S., Okano, T., Akashi, K., Irino, Y., & Morinobu, A. (2017). Glutaminase 1 plays a key role in the cell growth of fibroblast-like synoviocytes in rheumatoid arthritis. *Arthritis Research & Therapy*, 19(1), 76. <https://doi.org/10.1186/s13075-017-1283-3>

Wang, Q., Li, Y., Wu, M., Huang, S., Zhang, A., Zhang, Y., & Jia, Z. (2021). Targeting microsomal prostaglandin E synthase 1 to develop drugs treating the inflammatory diseases. *American Journal of Translational Research*, 13(1), 391–419.

Xiong, G., Wu, Z., Yi, J., Fu, L., Yang, Z., Hsieh, C., Yin, M., Zeng, X., Wu, C., Lu, A., Chen, X., Hou, T., & Cao, D. (2021). ADMETlab 2.0: An integrated online platform for accurate and comprehensive predictions of ADMET properties. *Nucleic Acids Research*, 49(W1), W5–W14. <https://doi.org/10.1093/nar/gkab255>