

DAFTAR PUSTAKA

- Alvarez, J., & Shoichet, B. (2005). *Virtual screening in drug discovery*. CRC press.
- Andi Utama. (2003). Aplikasi Bioinformatika dalam Virologi. *Ilmu Komputer.Com*.
- Anggraini, T., Tai, A., Yoshino, T., & Itani, T. (2011). Antioxidative activity and catechin content of four kinds of *Uncaria gambir* extracts from West Sumatra, Indonesia.
- Bachtiar, A., Miko, T. Y., Machmud, R., Basri, C., Mehta, F., Chadha, V. K., ... Jitendra, R. (2008). Annual risk of tuberculosis infection in West Sumatra Province, Indonesia. *The International Journal of Tuberculosis and Lung Disease*, 12(3), 255–261.
- Baxevanis, A. D., & Ouellette, B. F. (2004). *Bioinformatics: a practical guide to the analysis of genes and proteins* (Vol. 43). John Wiley & Sons.
- Bennett, J. E., Dolin, R., & Blaser, M. J. (2014). *Principles and Practice of Infectious Diseases*. Elsevier Health Sciences.
- Capra, J. A., Laskowski, R. A., Thornton, J. M., Singh, M., & Funkhouser, T. A. (2009). Predicting protein ligand binding sites by combining evolutionary sequence conservation and 3D structure. *PLoS Computational Biology*, 5(12), e1000585.
- Chow, J.-M., Shen, S.-C., Huan, S. K., Lin, H.-Y., & Chen, Y.-C. (2005). Quercetin, but not rutin and quercitrin, prevention of H₂O₂-induced apoptosis via anti-oxidant activity and heme oxygenase 1 gene expression in macrophages. *Biochemical Pharmacology*, 69(12), 1839–1851.
- Claverie, J.-M., & Notredame, C. (2011). *Bioinformatics for dummies*. John Wiley & Sons.
- Cushnie, T. T., & Lamb, A. J. (2005). Antimicrobial activity of flavonoids. *International Journal of Antimicrobial Agents*, 26(5), 343–356.
- Datta, D. (2003). *Protein-ligand interactions: docking, design and protein conformational change*. California Institute of Technology.
- Dewick, P. M. (2002). *Medicinal natural products: a biosynthetic approach*. John Wiley & Sons.

- DiMasi, J. A., Hansen, R. W., & Grabowski, H. G. (2003). The price of innovation: new estimates of drug development costs. *Journal of Health Economics*, 22(2), 151–185.
- Fadilah. (2010a). Penapisan Senyawa Bioaktif Dari Suku Zingiberaceae Sebagai Penghambat Neuraminidase Virus Influenza A (H1n1) Melalui Pendekatan Docking. *Tesis Magister*.
- Fadilah. (2010b). Penapisan Senyawa Bioaktif Dari Suku Zingiberaceae Sebagai Penghambat Neuraminidase Virus Influenza A (H1n1) Melalui Pendekatan Docking. *Tesis Magister*.
- Fowler, Z. L., & Koffas, M. A. (2009). Biosynthesis and biotechnological production of flavanones: current state and perspectives. *Applied Microbiology and Biotechnology*, 83(5), 799–808.
- Harbone, J. B. (1987). Metode Fitokimia: Penuntun cara modern menganalisis tumbuhan. *Alih Bahasa Padmawinata, K., Terbitan Ke, 2*.
- Harborne, J. B., & Williams, C. A. (2000). Advances in flavonoid research since 1992. *Phytochemistry*, 55(6), 481–504.
- Hari Purnomo. (2011). *Kimia Komputasi: Molecular Docking PLANTS-Penambatan Molekul PLANTS (Protein Ligand Ant System)*. Yogyakarta: Pustaka Pelajar.
- Hatano, T., Miyatake, H., Natsume, M., Osakabe, N., Takizawa, T., Ito, H., & Yoshida, T. (2002). Proanthocyanidin glycosides and related polyphenols from cacao liquor and their antioxidant effects. *Phytochemistry*, 59(7), 749–758.
- Heim, K. E., Tagliaferro, A. R., & Bobilya, D. J. (2002). Flavonoid antioxidants: chemistry, metabolism and structure-activity relationships. *The Journal of Nutritional Biochemistry*, 13(10), 572–584.
- Information, N. C. for B., & Medicine, U. S. N. L. of. (n.d.-a). kaempferol | C15H10O6 - PubChem. Retrieved March 18, 2015, from <http://pubchem.ncbi.nlm.nih.gov/compound/5280863#section=Top>
- Information, N. C. for B., & Medicine, U. S. N. L. of. (n.d.-b). luteolin | C15H10O6 - PubChem. Retrieved March 18, 2015, from <http://pubchem.ncbi.nlm.nih.gov/compound/5280445#section=Top>
- Information, N. C. for B., & Medicine, U. S. N. L. of. (n.d.-c). quercetin | C15H10O7 - PubChem. Retrieved March 18, 2015, from <http://pubchem.ncbi.nlm.nih.gov/compound/5280343>

- Information, N. C. for B., & Medicine, U. S. N. L. of. (n.d.-d). quercitrin | C21H20O11 - PubChem. Retrieved March 18, 2015, from <http://pubchem.ncbi.nlm.nih.gov/compound/5280459#section=Top>
- Information, N. C. for B., Medicine, U. S. N. L. of, Pike, 8600 Rockville, Bethesda, MD20894, & USA. (n.d.). Cianidanol | C15H14O6 - PubChem. Retrieved March 18, 2015, from <http://pubchem.ncbi.nlm.nih.gov/compound/Cianidanol#section=2D-Structure>
- Jawetz, M. (2013). *Adelberg's Medical Microbiology. Twenty*. McGraw-Hill Companies, Inc.
- Josa, D., da Cunha, E. F., Ramalho, T. C., Souza, T. C., & Caetano, M. S. (2008). Homology modeling of wild-type, D516V, and H526L Mycobacterium tuberculosis RNA polymerase and their molecular docking study with inhibitors. *Journal of Biomolecular Structure and Dynamics*, 25(4), 373–376.
- Katzung, B. G., Masters, S. B., & Trevor, A. J. (2013). *Basic & clinical pharmacology* (Twelfth Edition). McGraw-Hill Companies, Inc.
- Kitchen, D. B., Decornez, H., Furr, J. R., & Bajorath, J. (2004). Docking and scoring in virtual screening for drug discovery: methods and applications. *Nature Reviews Drug Discovery*, 3(11), 935–949.
- Lazo, J. S., & Parker, K. L. (2005). *Goodman & Gilman's the pharmacological basis of therapeutics*. McGraw-Hill Publishing.
- Lin, J. K., Weng, M. S., & Grotewold, E. (2006). The science of flavonoids. *Springer, Columbus*, 213–238.
- Luscombe, N. M., Greenbaum, D., & Gerstein, M. (2000). What is bioinformatics? An introduction and overview.
- Narayana, K. R., Reddy, M. S., Chaluvadi, M. R., & Krishna, D. R. (2001). Bioflavonoids classification, pharmacological, biochemical effects and therapeutic potential. *Indian Journal of Pharmacology*, 33(1), 2–16.
- Nofriyanda. (2010). Analisis molekuler pada proses resistensi mikobakterium tuberculosis terhadap obat – obat anti tuberculosis. *Fakultas Kedokteran Universitas Andalas*.
- Orhan, D. D., Özçelik, B., Özgen, S., & Ergun, F. (2010). Antibacterial, antifungal, and antiviral activities of some flavonoids. *Microbiological Research*, 165(6), 496–504.

Pratoko, D. K. (2013). MOLECULAR DOCKING TURUNAN KALKON TERHADAP RESEPTOR ESTROGEN β (ER- β) SEBAGAI ANTIKANKER PAYUDARA.

Rezi riadhi syahdi. (2011). Penapisan Virtual basis data senyawa tanaman obat di Indonesia sebagai inhibitor enzim-enzim HIV-1. *FMIPA Universitas Indonesia*.

RI, D. (2005). *Pharmaceutical Care untuk Penyakit Tuberkulosis*. Departemen Kesehatan RI.

Tapas, A. R., Sakarkar, D. M., & Kakde, R. B. (2008). Flavonoids as nutraceuticals: a review. *Tropical Journal of Pharmaceutical Research*, 7(3), 1089–1099.

WHO. (2014). *Global Tuberculosis Report 2014*. World Health Organization.

Zinsser, H., Joklik, W. K., Willett, H. P., & Amos, D. B. (1988). *Zinsser microbiology*. Appleton & Lange Norwalk, CT.

