

DAFTAR PUSTAKA

- Adlim, A. 2009. *Kimia Anorganik*. Aceh: Universitas Syiah Kuala.
- Achyad, D dan R. Rasyidah. 2000. *Jintan Hitam (Nigella sativa L.)* [Terhubung Berkala]. www.asiamaya.com.
- American Cancer Society, 2014. *Cancer Facts and Figures*. <http://www.cancer.org/research/cancerfactsstatistics/cancerfactsfigures2014/index>. (diakses 30 Juli 2017).
- Aparoy, P., reddy, K. K., dan Reddanna, P. 2012. Structure and Ligand Based Drug Design Strategies in the Development of Novel 5-LOX Inhibitors. *Current Medicinal Chemistry*. 19. 3763-3778.
- Arafa, A El Shaimaa., *et al.*, 2011. *Thymoquinone Up- Regulates PTEN Expression and Induces Apoptosis in Doxorubicin-Resistant Human Breast Cancer Cells*.
- Arik and Kulacoglu, 2011. Arik,D and Kulacoglu, S 2011. ‘p53, bcl-2, and nm23 Expressions in Serous Ovarian Tumors: Correlatian with the clinical and Histopathological Parameters’, *Turkish Journal of Pathology*, vol. 27. pp. 38-45.
- Atkins, P. Paula, J. (2006). Atkins’ Physical Chemistry. *physical Chemistry*, Eighth Editio
- Azizah, R. N., Alam, G., Rifai, Y., dan Lethe, C. 2013. Aplikasi Komputasi Kimia dalam Analisis Hubungan Kuantitatif Struktur-Aktivitas (HKSA) dari Senyawa Aktif Antibakteri Analog N-Alkil Imidazol pada Bakteri (*Staphilococcus aureus*) dengan Parameter Elektronik Metode Austin Model (AM 1). *As-Syifaa*. 05 (01). 1-11.

- Badan Registrasi Kanker Perhimpunan Dokter Spesialis Patologi Anatomi. 2011. *Kanker di Indonesia tahun 2011 Data Histopatologik*. Direktorat Jendral Pelayanan Medik Departemen Kesehatan RI, Yayasan kanker Indonesia, Jakarta.
- Beshay, VE., Bruce R. 2013. *Hypothalamic-Pituitary-Ovarian Axis and Control of the Menstrual Cycle*. In: *Falco ne CT, Hurd WW (eds)*. Clinical Reproductive Medicine and Surgery: A Practical Guide. New York: Springer Science. H. 122.
- Bharatham, N., et al. 2013. Ligand Binding Mode Prediction by Docking : Mdm2/MdmX Inhibitors as a Case Study. *Journal of Chemical Information and Modeling*. 1-45.
- Dearden, J. C. (2017). *The Use of Topological Indices in QSAR and QSPR Modeling*. Springer International Publishing
- Donatus, I.A. 2005. Toksikologi Dasar. *Laboratorium Farmakologi dan Toksikologi*. Fakultas Farmasi UGM, Yogyakarta.
- Djalil, Asmiyenti., Kartasa Smita, R.E. Surantaatmaja. S.I., dan D.H. Tjahjono. 2012. Toxicity Prediction of Photosensitizer Bearing Carboxylic Acid Groups by ECOSAR and TOXTREE. *Journal of Pharmacology and Toxicology* 7(5), 219-230.
- Dewi, N. S. A., dan Sanjaya, I. G. M. 2018. *Study Komputasi Aktivitas Senyawa Turunan Mangiferin sebagai Anti Diabetes Tipe 1 menggunakan Metode HKSA (Hubungan Kuantitatif Struktur Aktivitas) dan Penambatan Molekul. UNESA Journal of Chemistry*. 7 (1). 8-14.
- Dhuha, N. S., Aswad, M., dan Haeria. 2014. Aplikasi Kimia Komputasi dalam Hubungan Struktur Aktivitas Senyawa

- Analog Turunan Quinolon dari *Cinchona Iedgeriana* Moens sebagai Antimalaria. *JF FIK UINAM*. 2 (2). 46-55.
- Fassenden, Ralph J. 1986. *Kimia Organik Jilid I Edisi Ketiga*. Jakarta: Erlangga.
- Ferreira, L. G., Santos, R. N., Oliva, G., dan Andricopulo, A. D. 2015. Molecular Docking and Structure-Based Drug Design Strategies. *Molecules*. 20. 13384-13421.
- Gali-Muhtasib, H., N. El-Najjar, and R. Schneider-Stock. 2006. The medicinal potential of black seed (*Nigella sativa*) and its components. In *Lead Molecules from Nature Products*. M.T.H. Khan and A. Athar (Eds.). Elsevier.
- Gary, J. A., D. Becker, M. S. Caplin, S. B. Dickey, K. Gentieu, H. D. Krimmel, N. La Plante, K. Luft, E. Mohn-Brown, R. M.
- Gondo, Harry K. 2011. *Terapi Terkini untuk Kanker Ovarium*. Fakultas Kedokteran Udayana-RS. Sanglah. Denpasar, Bali.
- Hargono D. 2009. *Tanaman Obat Indonesia Jilid I*. Jakarta : Depkes RI. Halm 65.
- <https://preadmet.bmdrc.kr/>.
- <http://www.rcsb.org/structure/6IAR>
- Huey, R., Garrett, M. Morris. Forli, S. (2012). Using AutoDock 4 and AutoDock Vina with AutoDockTools: A Tutorial. The Scripps Research Institute.
- Hodgson. E. dan P. E. Levi. 2000. Target Organ Toxicity. In *Textbook of Modern Toxicology*. 2nd ed. McGraw Hill, Boston.
- Hutapea, J.R. (1994). *Inventaris Tanaman Obat Indonesia III*, Badan Penelitian dan Pengembangan Kesehatan, Jakarta.

- Jefferson, W.N., Couse, J.F., Padilla-Banks, E., Korach, K.S. and Newbold, R.R., 2002. Neonatal Exposure to Genistein Induces Estrogen Receptor (ER) α Expression and Multioocyte Follicles in the Maturing Mouse Ovary Evidence for ER β -Mediated and Nonestrogenic Actions. *Biology of reproduction*, 67 (4): 1285-1296
- Johnson, Ajinowa Okiemute Rosa., et al. 2018. The Synthesis and Evaluation of Thymoquinone analogues as Anti-Ovarian Cancer and Antimalarial agents. *Bioorganic & Medicinal Chemistry Letters* 28, 1219-1222.
- Kemenkes, 2015. *Panduan Nasional Penanganan Kanker*. Kementrian Kesehatan Republik Indonesia.
- Knight, R.L.1948. *Dictionary of Genetics*. The Chronica Botani Company. Waltham, Mass, U.S.A.
- Kubinyi, H. 1993. QSAR: *Hansch Analysis and Related Approaches*, VCH Verlagsgesellschaft mbH, D-69451 Weinheim ,Federal Republic of Germany.
- Marie, AC. B., Scwinghammer., T. L., Weels, B. G., Malone, P. M., Kolesar, J. J. 2016. *Pharmacotherapy, Princple & Practice Fourth Edition*. New York: Mc Graw Hill Education.
- Mbarek, L.A., Mouse, H.A., Elabadi., Bensakah, M., Gamouh, A., Aboufatima, R., Benharref, A., Chait, A., Kamal, M., 2007.
- Morrell, D. Toub, T.S. Weintraub, P. A. Wessels. 2001. *Handbook of Pathophysiology*. Springhouse Corporation.Springhouse. 860.
- Anti-tumor Properties of Blackseed (*Nigella sativa*.L) Extract, *Brazilian Journal of Medical and Biological Research*, 40, 839-847.

- Mukesh, B., dan Rakesh, K. 2011. Molecular Docking: A Review. *International Journal of Research in Ayurveda & Pharmacy*. 2 (6), 1746-1751.
- National Cancer Institute. 2009. *Breast Cancer*. <http://cancerweb.ncl.ac.uk/cancernet/100013.html>. 3 maret 2009.
- Nindita, D Sanjaya, IGM. 2014. Modeling hubungan kuantitatif struktur dan aktivitas (hksa) pinocembrin dan turunannya sebagai anti kanker. *UNESA Journal of Chemistry* vol. 3
- Pamungkas, G., dan Sanjaya, I.G. M. 2013. Kajian Teoritis untuk Menentukan Celah Energi Porfirin Terkonjugasi Logam Kalsium menggunakan Teori Fungsional Kerapatan (DFT). *UNESA Journal of Chemistry*. 2 (1). 54-61.
- Parhizkar, S., Latiff LA, Rahman SA, Dollah MA. 2001. Preventive Effect of *Nigella sativa* on Metabolic Syndrome in Menopause Induced Rats. *Jurnal of Medicinal Plants Research*. 5 (8):1478-1484.
- Price, S.A,*et.al* .2006. *Patofisiologi Konsep Klinis Proses Penyakit*. EGC:Jakarta
- Rahmani, H, A., dkk. 2014. *Therapeutic Implications of Black Seed and Its Constituent Thymoquinone in the Prevention of Cancer through Inactivation and Activation of Molecular Pathways. Evidence-Based Complementary and Alternative Medicine*. Volume ID 724658.
- RISKESDAS, 2018. *Kementrian Kesehatan Badan Penelitian dan Pengembangan Kesehatan*. Hal 54.
- Ruswanto, 2014. Desain dan Studi Interaksi Senyawa *N'-(3,5-Dinitrobenzoyl)-Isonicotinohydrazide Mycobacterim*

- Tuberculosis Enoyl-Acyl Carrier Protein Reductase (INHA). Jurnal Kesehatan Bakti Tunas Husada*. 12 (1). 192-201.
- Ruswanto, 2015. *Molecular Docking Empat Turunan Isonicotinohydrazide pada Mycobacterium Tuberculosis Enoyl-Acyl Carrier Protein Reductase (INHA). Jurnal Kesehatan Bakti Tunas Husada*. 13 (1). 135-141.
- Salem, Mohamed Labib. 2005. Immunomodulatory and therapeutic properties of the *Nigella sativa* L. seed. *International Immunopharmacology* 5. 1749–1770.
- Siswandono dan Soekardjo, B. 2008. *Kimia Medisinal*. Surabaya: Universitas Airlangga.
- Scoot, James S. *et al*, 2019. A Novel Class of Selective Estrogen Receptor Degradar Amtagonist. *Journal Medicinal Chemistry*.
- Tan, Tuan Zea., Chai Quek, Geok See Ng, Khalil R. 2008. Ovarian Cancer Diagnosis With Complementary Learning Fuzzy Neural Network. *Artificial Intelligence in Medicine*. Vol 43: 207-222.
- Wade, L. G. 2003. *Organic Chemistry, 5th Edition*. New Jersey: Pearson Education Inc.
- WHO Guidelines on Hand Hygiene in Health Care. 2009. *Library Cataloguing-in-Publication*.

Zhoua, B.,Trinajstić, N. 2009. Original Scientific Paper On
Reciprocal And Reverse Balaban Indices. CRoatica Chemica.
Chem Acta 82.