

DAFTAR PUSTAKA

- Akoh, C.C., Min, D.B. 1998. *Microbial Lipases And Enzymatic Interesterification In Food Lipids-Chemistry. Nutrition And Biotechnology*. Marcel Deccer Inc : New York. Hal 641
- Amrani, F. B., Perello, L., Real, J. A., Alvarez, M. G., Alzuet, G., Bortas, J., Granda, S. G., Bernardo, J. M. 2006. **Oxidative DNA cleavage induced by an iron(III) flavonoid complex: Synthesis, crystal structure and characterization of chlorobis(flavonolato)(methanol) iron(III) complex.** *Journal of Inorganic Biochemistry* 100; 1208–1218
- Anderson, P., Keene, R., dan Meyer, J. 2002. **Manipulating The Properties of MLCT Excited State.** *The Royal Society of Chemistry* , 3820-3831.
- Andina, Budi Putri Ayu. 2014. *Eksplorasi Enzim Lipase Dari Sedimen Sungai Dengan Pendekatan Metagenomik*. Surabaya : Universitas Airlangga. Hal 30
- Aziza, Farah. 2005. *Mekanisme Penyerapan Zat Gizi Makro di Usus Halus*. Bogor : Institut Pertanian Bogor. Hal 11-16
- Berg, Jeremy M., Tymoczko, John L., Stryer, Lubert. 2012. *Biochemistry*. W.H. Freeman and Company. Hal 901-904
- Dachriyanus, 2004. *Analisis Struktur Senyawa Organik Secara Spektrofotometri, Cetakan pertama*. Padang : CV. Trianda Anugrah Pratama. Hal 1-2
- Gunasekaran, V., Das, Debrabata. 2005. **Lipase Fermentation: Progress and prospects.** *Indian Journal of Biotechnology*, 4; 437-445
- Jafar, Nurhaedar. 2011. *Obesitas*. Makassar : Universitas Hassanudin. Hal 2-3
- Jung, S., Lee, M., Shin, Y., Kim, C., Kim, I., Kim, Y. 2014. **Anti-obesity and anti-inflammatory effects of high hydrostatic pressure extracts of ginseng in high-fat diet induced obese rats.** *Journal of Functional Food*, 10; 169-177
- Keenan, Charles W., Kleinfelter, Donald C., Wood, Jesse H. 2003. *Kimia Untuk Universitas Jilid 2*. Jakarta : Erlangga. Hal 17-19
- Liu, S., Li, D., Huang, B., Chen Y., Lu, X., Wang, Y. 2013. **Inhibition of pancreatic lipase, α -glucosidase, α -amylase, and hypolipidemic effects of the total flavonoids from *Nelumbo nucifera* leaves.** *Journal of Ethnopharmacology* 149; 263–269

- Panhwar, Qadeer K., Memon, S., Banger, M.L. 2010. **Synthesis, Characterization, Spectroscopic and Antioxidation Studies of Cu(II)–Morin Complex.** *Journal of Molecular Structure*, 967; 47-53
- Panhwar, Qadeer K., Memon, Shahabuddin. 2012. **Synthesis, Spectral Characterization, and Antioxidant Activity of Tin(II)-Morin Complex.** *Pakistan Journal Analytical Environmentak Chemistry*, 13, No. 2; 159 – 168
- Panhwar, Qadeer K., Memon, Shahabuddin. 2014. **Synthesis of Cr(III)-Morin Complex: Characterization and Antioxidant Study.** *The Scientific World Journal*, 2014; 1-8
- Pieniazek, E., Kalembkiewicz, J., Dranka, M., Woźnicka, E. 2014. **Syntheses, crystal structures and antioxidant study of Zn(II) complexes with morin-5'-sulfonic acid (MSA).** *Journal of Inorganic Biochemistry*, 141; 180-187
- Porfirio, Demóstenes A., Ferreira, Rafael de Q., Malagum, Andrea R., Valle, Eliana M.A. 2014. **Electrochemical study of the increased antioxidant capacity of flavonoids through complexation with iron(II) ions.** *Electrochimica Acta*, 141; 33–38
- Pouderoyen, Gertie V., Eggert, T., Jaeger, K., Dijkstra, Bauke, W. 2001. **The Crystal Structuer of *Bacillus subtilis* Lipase : A Minumal α/β Hydrolase Fold Enzyme.** *Academic Press*, 309; 215-226
- Pradono, Diah I., Darusman, Latifah K., Susanti, A. 2011. **Inhibisi Lipase Pankreas Secara In Vitro Oleh Ekstrak Air dan Etanol Daun Asam Jawa (*Tamarindus indica*) dan Rimpang Kunci Pepet (*Kaempferiae rotunda*).** *Jurnal Natur Indonesia*, 13(2); 146-154
- Purwati, Susi. 2001. *Perencanaan Menu Untuk Penderita Kegemukan.* Jakarta : Penerbit. PT. Swadaya. Hal 7-9
- Purwoko, Agus Abhi. 2008. **Perilaku Solvatochromic dan Pengaruh Substituen pada Serapan Elektronik Komplek Arenatrikarbonilkromium(0).** *Indonesia Journal. Chemistry.*, 8 (1), 13 - 17
- Roy, Atanu S., Dinda, Amit K., Chaudhury S., Dasgupta, S. 2014. **Binding of antioxidant flavonol morin to the native state of bovine serum albumin: Effects of urea and metal ions on the binding.** *Journal of Luminescence*, 145; 741-751
- Sendrayaperumal, V., Pillai S.I., Subramanian, S. 2014. **Design, synthesis and characterization of zinc-morin, a metal flavonol complex and evaluation of its**

- antidiabetic potential in HFD–STZ induced type 2 diabetes in rats.** *Chemico-Biological Interactions*, 219; 9–17
- Sharma, Rakesh. 2012. *Enzyme Inhibition: Mechanisms and Scope*. USA : Florida State University. Hal 11-18
- Silverstein, 1991. *Spectrometric identification of organic compounds (Fifth Edition)*. New York : Wiley Publisher. Hal 5-6
- Soenardi, Tuti. 2014. *100 Resep Makanan sehat untuk Meningkatkan Imunitas Dan Kecerdasan Otak Bayi-Balita*. Jakarta : Gramedia Pustaka. Hal 7
- Suhara. 2012. *Dasar-dasar Biokimia, Pengantar Tentang Enzim*. Bandung : UPI.
- Sumanto, Agus. 2009. *Tetap Langsing dan Sehat dengan Terapi Diet*. Jakarta : Agromedia Pustaka. Hal 118-119
- Triyati, ETTY. 1985. **Spektrofotometer ultra-violet dan sinar tampak serta aplikasinya dalam oseanologi.** *Oseana*, 10, No. 1; 39-47
- Utami, Jimmy. 2010. *Pengaruh Konsentrasi Induser Dan Penambahan Kofaktor Enzim Terhadap Produksi Ekstrak Kasar Enzim Lipase Ekstraseluler Oleh Pseudomonas aeruginosa*. Medan : Universitas Sumatera Utara
- Wilson, M. A., Ortega, H. S., Quintana, B. R. 2011. **Relationship between structure, properties, and the radical scavenging activity of morin.** *Journal of Molecular Structure* 995 134–141
- Woznicka, E., Kopacz M., Umbreit, M., Klos, J. 2007. **New Complexes of La(III), Ce(III), Pr(III), Nd(III), Sm(III), Eu(III), and Gd(III) Ions With Morin.** *Journal of Inorganic Biochemistry*, 101; 774-782
- Wu, Yi-Hsieng S., Chiu, C., Yang, D., Lin, Y., Tseng, J., Chen, Y. 2013. **Inhibitory effects of litc hi (Litc hi chinensis Sonn.) flower -water acts on lipase activity and diet-induced obesity.** *Journal of Functional Foods*, 5; 923-929
- Zhu, Y. T., Ren, X. Y., Yuan, L., Liu, Y. M., Liang, J., Liao, X. 2015. **Fast identification of lipase inhibitors in oolong tea by using lipase functionalised Fe₃O₄ magnetic nanoparticles coupled with UPLC–MS/MS.** *Food Chemistry* 173 521–526