

DAFTAR PUSTAKA

- Ahmadi, R. A., Hasanvand, F., Bruno, G., Rudbari, H. A., Amami, S., 2013, **Synthesis, Spectroscopy and Magnetic Characterization of Copper (II) and Cobalt (II) Complexes with 2-Amino-5-Bromopyridine as Ligand**, *Hindawi Publishing Corporation Vol. 2013*
- Alkhamees, O. A., 2013, **Morin a Flavonoid Exerts Antioxidant Potential in Streptozotocin-induced Hepatotoxicity**, *British Journal of Pharmacology and Toxicology*, 4 (1) : 10-17
- Baruch, A., Jeffery, D. A., Bogoy, M., 2004, **Enzyme Activity – It's All About Image**, *Trends in cell Biology Vol. 14, No. 1*
- Barrios, V. A. E., Mendez, J. R. R., Aguilar, N. V. P., Espinosa, G. A., Rodriguez, J. L. D., 2012, **FTIR- An Essential Characterization Technique for Polymeric Materials**, *Material Science, Engineering and Technology*
- Behera, S., 2009, **Cobalt (II) and Nickel (II) Complexes of Aroyl Hydrazone Ligand : Synthesis and Characterization**, *National Institute of Technology*
- Behera, S., Ghanty, S., Ahmad F., Santra, S., Banerjee, S., 2012, **UV-Visible Spectrophotometric Method Development and Validation of Assay of Paracetamol Tablet Formulation**, *J. Anal Bioanal Techniques*, 3 : 6
- Berg. J. M., Tymoczko, J. L., Stryer, L., 2007, *Biochemistry 5th Edition*, W. H. Freeman and Company, New York, halaman 209-213
- Boulder, 2002, *Online edition for students of organic chemistry lab courses at the University of Colorado*, Dept. of Chem. and Biochem, Chapter 15, Infrared Spectroscopy: Theory

- Bukhari, S. B., Memon, S. Tahir, M. M., Bhangar, M. I., 2008, **Synthesis, Characterization and Investigation of Antioxidant Activity of Cobalt-quercetin Complex**, *Journal of Molecular Structure*, 892 : 39-46
- Canet, R. L., Denniston, K. J., Topping, J. J., 1993, *Principles and Applications of Inorganic, Organic and Biological Chemistry*, Wm. C. Brown Publishers, United States of America, halaman 61
- Dashty, M., 2014, **A Quick Look at Biochemistry : Lipid Metabolism**, *J. Diabetes Metab*, 5 : 1
- Farhan, S. A., 2013, **Study On The Interaction of Copper (II) Complex of Morin and Its Antimicrobial Effect**, *Int. J. Chemistry. Sci*, 11 : 1247-1255
- Fontes, R., Riberio, J. M., Sillero. A., 2000, **Inhibition and Activation of Enzymes. The Effect of a Modifier on The Reaction Rate and on Kinetic Parameters**, *Acta Biochimica Polonica*, Vol. 47. No. 1
- Gopal, J. V., 2013, **Morin Hydrate : Botanical Origin, Pharmacological Activity and Its applications : a mini-review**, *Pharmacognosy Journal*, 5 : 123-126
- Hadi, S., Purkan, Baktir, A., Sumarsih, S., Tripuspaningsih, N. N., 2005, *Biokimia I*, Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Airlangga, Surabaya : +163 halaman
- Kelpsaite, I., Baltrusaitis, J., Valatka, E., 2011, **Electrochemical Deposition of Porous Cobalt Oxide Films on AISI 304 Type Steel**, *Material Science Vol. 17, No. 3*
- Lehinger, A. L., 1982, *Dasar-dasar Biokimia*, Terjemahan Principles of Biochemistry, oleh Thenawidjaja, M. Penerbit Erlangga, Jakarta : +369 halaman

- Manna, S. K., Anggarwal, R. S., Sethi, G., et al, 2007, **Morin (3,5,7,2',4'-pentahydroxyflavone) Abolishes Nuclear Factor-kB Activation Induced by Various Carcinogens and Inflammatory Stimuli, Leading to Suppression of Nuclear Factor-kB-Regulated Gene Expression and Up-regulation of Apoptosis**, *Clin Cancer Res*, 13 : 7
- Mendoza-Wilson, A. M., Santacruz-Ortega, H., Balandran-Quintana, R. R., 2011, **Relationship Between Structure Properties, and The Radical Scavenging Activity of Morin**, *Journal of Molecular Structure*, 995 : 134-141
- Miller, F. P., Vandome, A. F., and McBrewster, J., 2010, *Lipase*, Alphascript Publishing, United States of America
- Nakamoto, K., 1986, *Infrared Raman Spectra of Inorganic and Coordination Compounds Fourth Edition*, Marquette University, United States, 104-107
- Panhwar, Q. K., Memon, S., Bhangar, M. I., 2010, **Synthesis, Characterization, Spectroscopic and Antioxiation Studies of Cu (II)-Morin Complex**, *Journal of Molecular Structure*, 967 : 47-53
- Panhwar, Q. K., Memon, S., 2012, **Synthesis, Spectral Characterization and Antioxidant Activity of Tin(II)-Morin Complex**, *Pak. J. Anal. Environ. Chem*, 13 : 159-168
- Pelczar, M. J. Jr., and Chan, E. C. S., 1986, *Dasar-dasar Mikrobiologi*, Vol 1, Terjemahan Elements of Microbiology Fifth Edition, oleh Hadioetomo, R. S., Imas, T., Tjitrosomoa, S. S., Angka, S. L., UI Press, Jakarta
- Pieniazek, E., Kalembkiewicz, J., Dranka, M., Woznicka, E., 2014, **Synthesis, Crystal Structures and Antioxidant Study of Zn (II) Complexes With Morin-5'-sulfonic acid (MSA)**, *Journal of Inorganic and Biochemistry*, 141 : 180-187

- Pratiwi, D., Sebayang, F., Jamilah, I., 2013, **Produksi dan Karakterisasi Enzim Lipase dari Pseudomonas aeruginosa dengan Menggunakan Induser Minyak Jagung Serta Kofaktor Na⁺ dan Co²⁺**, *Jurnal Saintia Kimia Vol. 1, No. 2*
- Purwoko, A. A., 2008, **Solvatochromic and Substituent Effect on Electronic Absorption of Arenetricarbonylchromium(0) Complexes**, *Indo. J. Chem.*, 1 : 13-17
- Ricardo, K. F. S., Oliveira, T. T., Nagem, T. J., Pinto, A. S., Oliveira, M. G. A., Soares, J. F., 2001, **Effect of Flavonoids Morin; Quercetin and Nicotinic Acid on Lipid Metabolism of Rats Experimentally Fed with Triton**, *Brazilian Archives of Biology and Technology*, 44 : 263-267
- Ruiz, C., Falcocchio, S., Xoxi, E., Villo, L., Nicolosi, G., Pastor, F. I. J., Diaz, P., Saso, L., **Inhibition of Candida rugosa Lipase by Saponins, Flavonoids and Alkaloids**, *Journal of Molecular Catalysis B : Enzymatic*, 40 : 138-143
- Sharma, R., 2012, **Enzyme Inhibition : Mechanisms and Scope, Enzyme Inhibition and Bioapplications**, *InTech*
- Sharma, R., Chisti, Y., Banerjee, U. C., 2001, **Production, Purification, Characterization and Applications of Lipases**, *Biotechnology Advances*, 19 : 627-662
- Sumardjo, D., 2006, *Pengantar Kimia*, Penerbit Buku Kedokteran ECG, Jakarta
- Wilborn, C., Beckham, J., Campbell, B., Harvey, T., Galbreath M., Bounty, P. L., Nassar, E., Wismann, J., Kreider, R., 2005, **Obesity : Prevalence, Theories, Medical Consequences, Management, and Research Diretions**, *Journal of The International Society of Sports Nutrition*, 2 : 4-31

- 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
- Zhang, G., Guo, J., Pan, J., Chen, X., Wong, J., 2009, **Spectroscopic Studies On The Interaction of Morin-Eu (III) Complex With Calf Thymus DNA**, *Journal of Molecular Structure*, 923 : 114-119
- Zhang, J., Kang, M., Kim, M., Kim, M., Song, J., Lee, Y., Kim J., 2008, **Pancreatic Lipase Inhibitory Activity of Taraxacum officinale in vitro and in vivo**, *Nutrition Research and Practice*, 4 : 200-203
- Zheng, C., Duan, Y., Gao, J., Ruan, Z., 2010, **Screening for Anti-Lipase Properties of 37 Traditional Chinese Medicinal Herbs**, *Research Centre for Natural Medicinal Chemistry*
- Zubrick, J. W., 1988, *The Organic Chemlab Survival Manual : A Student`s Guide to Technique Second Edition*, Hudson Valley Community College, United States, 71-79

