

DAFTAR PUSTAKA

- Abdullah, M., 2009, *Pengantar Nanosains*, Cetakan Pertama, ITB, Bandung
- Ahmad, M.B., Tay, M.Y., Shameli, K., Hussein, M.Z. and Lim, J.J, 2011, Green synthesis and Characterization of Silver/Chitosan/Polyethyleneglycol nanocomposites without any reducing agent. *International Journal of Molecular Science*, Vol 12, No 8, hal 4972-884
- Alpionita, P. dan Astuti, 2015, Sintesis dan Karakterisasi Magnesium Oksida (MgO) dengan Variasi Massa PEG, *Jurnal Fisika Unand (JFU)*, Vol.4, No.2, Jurusan Fisika Unand, hal 167-172
- Apriandanu, DOB, S. Wahyuni, S. Hadisaputro, dan Harjono, 2013, Sintesis Nanopaartikel Perak Menggunakan Metode Poliol dengan Agen Stabilisator Polivinilalkohol (PVA). FMIPA Universitas Negeri Semarang, *Jurnal MIPA*, Vol. 36, No. 2, hal 157-168
- Atteberry, J., 2009, How Scanning Electron Microscope Work, <http://science.howstuffworks.com/hsw-contact.htm> (diakses pada 23 Maret 2018, Pukul 21.28 WIB)
- Badan Pusat Statistik Jakarta Pusat, 2010, *Statistik Indonesia Tahun 2010*, Jakarta Pusat, Badan Pusat Statistik
- Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, 2012, *Pemanfaatan Kulit Buah Manggis dan Teknologi Penepungannya*, Litbang, Bogor
- Bahri, S., Sitorus, P., Pasaribu, F., 2012, Uji Ekstrak Etanol Kulit Buah Manggis (*Garcinia mangostana L.*) terhadap Penurunan Kadar Glukosa Darah, *Journal of Pharmaceutics and Pharmacology*, Vol. 1, No 1, hal 1-8
- Bhainsa, K.C dan S.F.D. Souza, 2006, *Colloids and Surface B*, Vol 47, No 1, Biointerface, hal. 160
- Chaverri, J.P., Rodriguez, N.M., Ibarra, M.O., and Rojas, J.M.P., 2008, Medicinal Properties of Mangosteen, *Journal Food and Chemical Toxicology*, Vol 46, Hal. 3227-3239
- Chou, K.S., and Lu Y.C., 2008, A Simple and Effective Route for Synthesis of Nano Silver Colloidal Dispersions, *Journal of The Chinese Institute of Chemical Engineers*, No 39, hal 673-678

- Elumalai, E.K., T.N.K.V. Prasad, P.C. Nagajyothi and E. David, 2011, A Bird's eye view on biogenic Silver Nanoparticles and Their Application, *Pelagia Research Library*, Vol 2, No 2, hal. 88-97
- Elzy, S.R, 2010, *Applications and physicochemical characterization of nanomaterials in environmental, health, and safety studies*, Iowa, University of Iowa.
- Gunalan, S., Sivaraj, R., and Rajendran, V., 2011, Green Synthesis of Zinc Oxide Nanoparticles by *Aloe barbadensis* Miller Leaf Extract, Structure and Optical Properties, *Material Research Bulletin*, Vol. 46, No 12, hal. 2560-2566
- Gururnathan, S., Kalimuthu ,K., Ramanathan, V., Venkataraman, D., Sureshbabu, RKP., Jeyaraj M, Nellaiah H, and Soo HE, 2009. Biosynthesis, purification, and characterization of silver nanoparticles using *E. coli*. *Colloids and surface B: Biointerfaces* No 74, hal. 328-335.
- Guzman, M.G., Jean., and Stephan G, 2009, Synthesis of silver nanoparticles by chemical reduction method and their antibacterial activity, *International Journal of Chemical and Biomolecular Engineering*, Vol 2, hal. 3
- Haryono, A., Sondari, D., Hermani, S.B & Randy, M., 2008, Sintesa Nanopartikel Perak dan Potensi Aplikasinya, *Jurnal Riset Industri*. Vol. 2, No, hal. 155-163
- Horikoshi, S., dan Serpone, N., 2013, *Microwave in Nanoparticle Synthesis*, wiley-VCH Verlag GmbH & Co.KgaA, Manheim
- Ismunandar, 2006, *Padatan Oksida Logam*, Institut Teknologi Bandung, Bandung
- Kardono LBS, 2003, *Kajian Kandungan Kimia Mahkota Dewa (Phaleria marcocarpa)*, Jakarta, Pusat Penelitian dan Pengembangan Farmasi dan Obat Tradisional Badan Penelitian dan Pengembangan Kesehatan
- Kencana, A.L, 2009, Perlakuan Sonikasi terhadap Kitosan, Viskositas dan Bobot Molekul, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Teknologi Bandung, Bandung
- Li S, Yuhua S, Anjian X, Xuerong Y, Lingguang Q, Li Z, and Qingfeng Z. 2007. Green synthesis of silver nanoparticles using *Capsicum annuum* L. extract. *Green chemistry*, Hal 852-858.

- Leuner, C., and Dressman, J., 2000, Improving Drug Solubility for Oral Delivery using Solid Dispersions., *eur. Journal Pharm, Biopharm*, No. 50, hal 47-60
- Mailu, S.N., Tesfaye, T.W., Peter, M. Ndangili, Fanelwa, R., Ngece, Abd, A. Baleg, Priscilla, G Baker dan Emmanuel I. Iwuoha, 2010, Determination of Anthracene on Ag- Au Alloy Nanoparticles/Overoxidized-Polypyrrole Composite Modified Glassy Carbon Electrodes. *Sensors*, No.10, hal. 9449-9465
- Mairoza, A., Astuti, 2016, Sintesis Nanopartikel Fe₃O₄ dari Batuan Besi Menggunakan Asam Laurat Sebagai Zat Aditif, *Jurnal Fisika Unand (JFU)*, Vol 5, No 3, hal 283-386
- Masakke, Y., Sulfikar, Muhaedah, R., 2014, Biosintesis Partikel-nano Perak Menggunakan Ekstrak Metanol Daun Manggis (*Garcinia mangostana L.*), *Jurnal sainsmart*, Vol 4, No 1. Hal 28-41
- Miryanti, A., Lanny S., Kurniawan B., dan Stehen, I., 2011, Etraksi Antioksidan dari Kulit Manggis (*Garcinia mangostana L.*), *Laporan Penelitian*, Bandung, Universitas Katolik Parahyangan
- Montazer, M., Esfandiar, P., 2012, Functionality of Nano Titanium Dioxide On Textile in Future Aspect : Focus On Wool, *Journal of Photochemistry and Photobiology C*, Vol 12, Photochemistry Reviews, hal. 293-303
- Nugroho, AE, 2009, Manggis (*Garcinia mangostana L.*): dari Kulit Buah yang Terbuang Sehingga Menjadi Suatu Obat. *Majalah Obat Tradisional*. Vol 12 No. 42, hal 1-9
- Philip, D., Unni, C., Aromal, S., and Vidhu, K., 2011, *Murayya keonigii* Leaf-Assited Rapid Green Syntesis of Silver and Gold Particles, *Spectrochemica Acta Part A: Molecular and Biomolecular*, Vol 78, hal 899-904
- Pokroopivny, V., Lohmus, R., Hussainova, I., Pokropivny, A., and Vlassov, S., 2007, *Introduction in Nanomaterial and Nanotechnology*, Tartu University, Estonia.
- Ramteke, C., 2013. Synthesis of Silver Nanoparticles from the Aqueous Extract of Leaves of *Ocimum sanctum* for Enhanced Antibacterial Activity. *Journal of Chemistry* Vol. 20, No.13

- Rismana, E., Susi K., Olivia BP., Idah R., Marhamah, 2012, Sintesis dan Karakterisasi Nanopartikel Kitosan – Ekstrak Kulit Buah Manggis (*Garcinia mangostana*), *Jurnal Sains dan Teknologi Indonesia*, Vol 14, No 3.
- Sileikaite, AP, Igoris, P, Judita, J, Algimantas, Guobiene, and Asta, 2006, Analysis of Silver Nanoparticles Produced by Chemical Reduction of Silver Salt Solution, *Journal Material Science* Vol 12, hal 1392-1320.
- Song, JY., Jang, HK., and Kim, BS., 2009, Biological Synthesis of Gold Nanoparticles Using *Magnolia kobus* and *Diopyros kaki* Leaf Extracts, *Process Biochemistry*, Vol 44, No 10, hal 1133–1138.
- Thermo, N., 2001, *Introduction to FTIR Spectrometry*, Thermo Nicolet Inc., Madison, USA
- Timberlake, B., and Bridle P., 1997, the anthocyanin. Di dalam J.B. Horborne (ed), *The Flavanoid*, Chapman and Hall, London, Hal 215-230
- Wahyudi, T., Doni, S., dan Qomarudin, H., 2011, Sintesis Nanopartikel Perak dan Uji Aktivitasnya terhadap Bakteri *E.coli* dan *S. aureus*, *Areana Tekstil*, Vol 26, No 1, hal 55-60

