

DAFTAR PUSTAKA

- Agusta, A. 2000. *Minyak Atsiri Tumbuhan Tropika Indonesia*. Bandung: Penerbit ITB. Hal. 29, 111.
- Amiruddin, M.A, dan Taufikurohmah, T. 2013. *Sintesis dan Karakterisasi Nanopartikel Emas Menggunakan Matriks Bentonit sebagai Material Antiaging dalam Kosmetik*. UNESAJ. Chem.2 (1): 65-71.
- Anastas P. T. dan J. C. Warner. 1998. *Green, Chemistry: Theory and Practice*. Oxford University Press, Inc. New York.
- Andi, Nur Alam Syah. 2006. *Taklukan Penyakit Dengan Teh Hijau*. Tangerang: PT. Agromedia Pustaka: 62 – 64.
- Ardisasmita, M.S. 2000. *Pengolahan Citra Digital dan Analisis Kuantitatif Dalam Karakterisasi Citra Mikroskopik*. Mikroskopi dan mikroanalisis. 3:25-30.
- Begum, Naznin Ara., Samiran Mondal, Saswati Batu, Rajibul A. Laskar, dan Debrabata Mandal. 2009. Biogenic synthesis of Au and Ag nanoparticles using aqueous solutions of Black Tea leaf extracts. *Journal Colloids and Surface B: Biointerfaces* 71: 113-118
- Bruno, Richard S., Christine E Dugan, Joan A. Smyth, Dana A. DiNatale, dan Sung I. Koo. 2008. Green tea extract protects leptin-deficient, spontaneously obese mice from hepatic steatosis and injury. *Journal of Nutrition*. 138: 323-328.
- Cheong, M.H., M. H. Park, G. W. Kang, J. H. Ko, dan Y. J. Seo. 2005. Determination of catechin compounds in Korean green tea infusions under various extraction conditions by High Performance Liquid Chromatography. *Bulletin of the Korean Chemical Society*. 26(5): 747–754
- Cho, Park F., Francis Poulin, Yoon Andrew Cho-Park, Ian B. Cho-Park, Jarred B. Chicoine, Paul Lasko, dan Nahum Sonenberg. 2005. *A New Paradigm for Translational Control: Inhibition via 5'-3' mRNA Tethering by Bicoid and the eIF4E Cognate 4EHP*. Cell Press. 121(3):411-423.
- Dachriyanus, (2004). *Analisis Struktur Senyawa Organik Secara Spektroskopi*. Padang: Andalas University Press. Hal. 1.

- Day, R. A., dan A. L. Underwood. 2002. *Analisis Kimia Kualitatif*. Edisi Keenam. Jakarta. Penerbit Erlangga. Hal 394, 396-404.
- Direktori File UPI. *Konsep Dasar Kimia*. 7 Agustus 2016. http://file.upi.edu/Direktori/DUAL-MODES/KONSEP_DASAR_KIMIA_UNTUK_SD/BBM_7.pdf
- El Badawy, Amro M., Todd P. Luxton, Rendahandi G. Silva, Kirk G. Scheckel, Makram T. Suidan, dan Thabet M. Tolaymat. 2010. Impact of Environmental Conditions (pH, Ionic Strength, and Electrolyte Type) on the Surface Charge and Aggregation of Silver Nanoparticles Suspensions. *Environmental Science and Technology*. 44(4):1260-1266.
- Fulder, S. 2004. *Khasiat Teh Hijau* diterjemahkan oleh Trisno Rahayu Wilujeng. Prestasi Pustakaraya. Jakarta.
- Gritter, R.J., Bobbit, J.M., Swahrting, A.T. 1985. *Introduction of Chromatography*. Penerjemah: Kosasih Padmawinata. 1991. Pengantar Kromatografi. Edisi ke-3. Bandung: Penerbit ITB. Hal. 36-39.
- Guzman M.G., Jean D. dan Stephan G. 2009. Synthesis of silver nanoparticles by chemical reduction method and their antibacterial activity. *International Journal of Chemical and Biomolecular Engineering*. 2: 3.
- Handayani, Windri., Bakir, Cuk Imawan., dan Suciani Purbaningsih. 2010. *Potensi Ekstrak Beberapa Jenis Tumbuhan sebagai Agen Pereduksi untuk Biosintesis Nanopartikel Perak*. Seminar Nasional Biologi. Universitas Gadjah Mada. Yogyakarta.
- Haryono, Agus., Dewi Sondari, Sri Budi Harnami, dan Muhammad Randy. 2008. Sintesa Nanopartikel Perak dan Potensi Aplikasinya. *Jurnal Riset Industri*. 2 (3). 156-163.
- Jiang, Xuchuan., Qinghua Zheng, dan Aibing Yu. 2006. A Self-Seeding Coreduction Method for Shape Control of Silver Nanoplates. *Journal of Nanotechnology*. Vol 17 Hal. 4929-4935.
- Karori, S.M., Wachira F.N, Wanyoko J.K, dan Ngure R.M. 2007. Antioxidant capacity of different types of tea products. *African Journal of Biotechnology*. 6 (19): 2287-2296.

- Khaydarov, R. R., Khaydarov R.A., Gapurova O., Estrin, Y., Evgrafova, S., Scheper, T., dan Cho, S.Y. 2009. Antimicrobial effects of silver nanoparticles synthesized by an electrochemical method: *Nanostructured material for Advanced Technological Applications. NATO Science for Peace and Security Series B: Physics and Biophysics Part 5*. Netherlands: 215-218.
- Kittel, C. 1996. *Introduction to Solid State Physics*. Singapore: John Willey And Sons.
- Klug, H.P. dan Alexander. L.E. 1974. *X-Ray Diffractometry Procedures for Polycrystalline and Amorphous Materials*. NewYork: John Willeys and Sons Inc.
- Lembang, Esty Yunita., dan M. Zakir Maming. 2013. *Sintesis Nanopartikel dengan Metode Reduksi Menggunakan Bioreduktor Ekstrak Daun Ketapang (Terminalia catappa)*. Jurusan FMIPA Universitas Hassanudin. Makassar.
- Lu, Y.C., dan Chou K.S. 2008. A Simple and Effective Route for Synthesis of Nano Silver Colloidal Dispersions. *Journal of the Chinese Institute of Chemical Engineers*. 39 (6): 673-678.
- Mallikarjuna, Nadagouda N., dan Rajender S. Varma. 2008. Green Synthesis of Silver and Palladium Nanoparticles at Room Temperature Using Coffee and Tea Extract. *Green Chemistry*. 10:859-862.
- Martinez-Castanon, G.A., Nino N. Martinez, M. Martinez-Guiterrez, J.R. Martinez-Mendoza, dan Facundo Ruiz. 2008. Synthesis and Antibacterial of Silver Nanoparticles with Different Sizes. *Journal of Nanopart Res*. 10:1343-1348.
- Maryanto, S. 2009. "Mineralogi Matriks Breksi Gunung Api Plistosen Akhir Kuarteren Berdasarkan Data Di Daerah Lombok Timur, Nusa Tenggara Barat". *Jurnal Ilmiah Bandung*: Pusat Survei Geologi.
- McNair, H., dan E.J. Bonelli. 1988. *Basic Gas Chromatography*. Penerjemah: Kosasih Patmawinata. Dasar Kromatografi Gas. Edisi ke-5. Bandung: Penerbit ITB. Hal. 7-14.

- Montazer, M., Hajimirzababa H, Rahimi M.K., dan Alibakhshi S. 2012. *Durable Anti- bacterial Nylon Carpet Using Colloidal Nano Silver*. FIBRES & TEXTILES in Eastern Europe. 20 (93): 96-101
- Mulja, M., dan Suharman. 1995. *Analisis Instrumental*. Airlangga University Press. Surabaya.
- Pavia, D., Lapman G., dan Kriz G. 2001. *Introduction to Spectroscopy*. USA: Thompson Learning Academic.
- Philip, Daizy., S. Aswathy Aromal, Unni Cheruvathoor, dan Vidhu V.K. 2011. Murayya keonigii Leaf-Assited Rapid Green Syntesis of Silver and Gold Particles. *Journal of Spectrochemica Acta Part A: Molecular and Biomolecular* 78: 899-904.
- Putri, Dini Yulita. 2011. *Spektrofotometer Inframerah*. Pendidikan Kimia. Universitas Negeri Padang.
- Raghavendra, Gownolla Malegowd., Jeoyung Jung, Dowan Kim, dan Jongchul Seo 2015. Step-Reduced Synthesis of Starch-Silver Nanoparticles. *International Journal of Biological Macromolecules*. S0141-8130 (16) 30059-9.
- Ramos-Tejada, M.M., J. D. G. Duran, A. Ontiveros-Ortega, M. Espinoza-Jimenez, R. Perea-Caprio, dan E. Chibowski. 2001. Investigation of Alumina/(+)-catechin system properties. Part I: a study of the system by FTIR UV-Vis spectroscopy. *Journal Colloids and Surfaces B: Biointerfaces*. 24 (2002) 297–308.
- Rohman, A. 2007. *Kimia Farmasi Analisis*. Yogyakarta: Penerbit Pustaka Pelajar. Hal. 419.
- Ruparelia, Jayesh P., Arup Kumar Chatterje, Siddharta P. Duttagupta, dan Suparna Mukherji. 2008. Strain Speciticity in Antimicrobacterial Activity of Silver and Copper Nanoparticles. *Journal of Acta Biomaterialia*. 4:707-716.
- Sathishkumar, K., K. Sneha, S.W. Won, C.-W. Cho, S. Kim, dan Y.-S. Yun. 2009. Cinnamon Zeylanicum Bark Extract And Powder Mediated Green Synthesis of Nano-Crystalline Silver Particles and Its Bactericidal Activity. *Journal of Colloids and Surfaces B: Biointerfaces* 73: 332-338

- Semadi Antara, Nyoman. 2013. *Fermentasi pada Pengolahan Teh*. Fakultas Teknologi Pertanian. Universitas Udayana.
- Singh, C., R.K. Baboota, P.K. Naik, dan H. Singh. 2012. *Biocompatible Synthesis of Silver and Gold Nanoparticles using Leaf Extract of Dalbergiasisoo*. Res. Article. VBRI Press. India.
- Silalahi, Jansen. 2002. Senyawa polifenol sebagai Komponen Aktif Yang Berkhasiat Dalam Teh. *Majalah Kedokteran Indonesia* 52 No. 10: 361-4.
- Silverstein, R.M., G.C. Bassler, dan T.C. Morrill. 1986. *Laboratory Investigations in Organic Chemistry*. Penerjemah: Hartomo dan Anny Victor. Penyidikan Spektrometri Senyawa Organik. Jakarta: Penerbit Erlangga. Hal. 3-81, 305-308.
- Sondi, Ivan., Dan V. Goia, dan Egon Matijevic. 2003. Preparation of Highly Concentrated Stable Dispersions of Uniform Silver Nanoparticles. *Journal of Colloids and Interface Science*. 240: 75-81.
- Sun, Qian., Xiang Cai, Jiangwei Li, Min Zheng, Zuliang Chen, dan Chang-Ping Yu. 2014. Green Synthesis of Silver Nanoparticles using Tea Leaf Extract and Evaluation of their Stability and Antibacterial Activity. *Journal of Colloids and Surfaces A: Physicochem. Eng. Aspects* 444 (2014) 226–231.
- Supratman, U. 2010. *Elusidasi Struktur Senyawa Organik*. Bandung: Widya Padjajaran. Hal. 268.
- Voigt, R. 1995. *Buku Pelajaran Teknologi Farmasi* diterjemahkan oleh Soendani N. S. UGM Press. Yogyakarta.
- Wahyudi, T., Sugiyana D., dan Helmy Q. 2011. *Sintesis Nanopartikel Perak*. Universitas Gadjah Mada. Yogyakarta.
- Widyaningrum, Naniek. 2013. *Epigallocatechin-3-Gallate (Egcg) Pada Daun Teh Hijau Sebagai Anti Jerawat*. *Majalah Farmasi dan Farmakologi* 17 (3): 95-98.