

DAFTAR PUSTAKA

- Al-Quran dan Terjemahnya 2018. Departemen Agama Republik Indonesia, Jakarta
- Abduh M. 2009. Materi pembelajaran mata kuliah pengembangan kepribadian pendidikan agama Islam pada perguruan tinggi. Jakarta: Departemen Agama.
- Adam, F., Thiam S,C., and Yahya, S. 2013. Bio-template Synthesis of SilikaRuthenium Catalyst of Benzylolation of Toluene. *Journal of Physical Science*. Vol. 24. No. 1. Pp. 29-35.
- Aggarwal, B.B., Surh, Y.J., Shisodia S. Eds. 2007. *Advances in Experimental Medicine and Biology VoL.595: The Molecular Targets and Therapeutic Uses of Curcumin in Health and Disease*. New York: Springer.
- Agnihotri, S.A *et al.* (2004). Recent Advances on Chitosan-based Micro and Nanoparticles in Drug Delivery. *J. of Controlled Release*. 100: 5–28.
- Amir, D *et al.* (2008). Preparation of Chitosan Nanoparticles Loaded by Dexamethason Sodium Phosphate. *Iranian Journal of Pharmaceutical Sciences*. 4(2): 111-114.
- Anand, P *et al.* (2007). Review article, Bioavailability of Curcumin: Problems and Promises. *American Chemical Society*. Vol 4, 6: 807-813.
- Bagschi, A. (2012). Extraction of Curcumin. *IOSR J. of Environ. Scien, Toxycol, and F. Tech*. ISSN: 2319-2404, ISBN:2319-2399, Volume 1, Issue 3
- Bassett, J., R.C. Denney, G.H. Jeffery, dan J. Mendham, 1994, *Kimia Analisis Kuantitatif Anorganik*, Penerbit Buku Kedokteran EGC, Jakarta.
- Bhumkar, D. R., dan Pokharkar, V. B. (2006). Studies on Effect of pH on Crosslinking of Chitosan with Sodium Trlpolyphosphate: A Technical Note. *AAPS Pharmasitech*, 7 (2), 1-6.
- Billy D.M. Sagala. (2012). *Formulasi Beads Kitosan untuk Sistem Pelepasan Obat Terkendali*. Skripsi. Universitas Indonesia. Jakarta.
- Cahyanto. 2008. Tinjauan Spektrofotometer. *Xains Info*. [terhubung berkala]. <http://xains-info.blogspot.com/2008/08/tinjauan-spektrofotometer.html> [23 Januari 2018].

- Chattopadhyay, I., Biswas, K., Bandyopadhyay, U., & Banerjee, R. K. 2004. Turmeric and curcumin: Biological actions and medicinal applications. *Current science*, 87(1), 44-53.
- Chen, C., Han, D.Cai, C., Tang, X., 2010. An overview of liposome lyophilization and its future potential. *Journal of Controlled Release*, Vol.142, p.299–311.
- Dewandari, K.A *et al.* (2013). Teknologi Nanoenkapsulasi untuk Meningkatkan Aktivitas Farmakologi Bahan Aktif Hebral. *Buletin Teknologi Pascapanen Pertanian*. Vol 9, 2: 75-76.
- Dustgani, A *et al.* (2008). Preparation of Chitosan Nanopartikel Loaded by Dexamethasone Sodium Phosphate. *Iranian J. of Pharmaceutical Science*. 4 (2): 111–114.
- Garnett, M., 2001, Targeted Drug Conjugates: Principles and Progress, *Adv Drug. Del. rev.*, 53:171-216
- Gandjar, I.G., dan Rohman, A. (2007). *Kimia Farmasi Analisis*. Yogyakarta: Pustaka Pelajar. Hal. 419, 425.
- Hadi Anim. 2009. Spektrofotometri. *Tjah Kimai Unnes*. [terhubung berkala]. <http://tjahkimiaunnes.blogspot.com/2009/03/spektrofotometri.html> [23 Januari 2018].
- Hamidpour, R *et al.* (2015). Turmeric (*Curcuma Longa*): from a Variety of Traditional Medicinal Applications to Its Novel Roles as Active Antioxidant, Anti-Inflammatory, Anti-Cancer, and Anti-Diabetes. *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*. Vol 1: 37-38.
- Harborne, J.B. (2006). *Metode Fitokimia: Penuntun Cara Modern Menganalisis Tumbuhan (alih bahasa: Kosasih Padmawinata & Iwang Soediro)*. Bandung: Penerbit ITB.
- Hejazi, R & Amiji, M. (2003). Chitosan Based-Gastrointestinal Delivery System. *J. Cont. Release*. 89: 151-65.
- Hu Siqi & Maria Luz Fernandez. (2016). Review article, Curcumin as A Bioactive Component. *British Journal of Medicine & Medical Research*. 17(6); 7-8.

- Imani, A. K. F. 2005. Tafsir Nurul Qur'an. Jakarta: Penerbit Al-Huda
- Irianto Hari Eko & Ijah Muljanah. (2011). Proses dan Aplikasi Nanopartikel Kitosan sebagai Penghantar Obat. *Balai Besar Riset Pengolahan Produk dan Bioteknologi Kelautan dan Perikanan*. Vol 6, 1: 1-2.
- Jan McBarron, M.D., N.D. (2012). *Curcumin The 21st Century Cure*. To Your Health Book. 2: 3.
- Khopkar S. 2007. *Konsep Dasar kimia Analitik*. Jakarta: UI Press.
- Lifeng, Q., Zirong, X., Xia, J., Caihong, H., dan Xiangfei, Z. (2004). Preparation and Antibacterial Activity of Chitosan Nanoparticles. *Carbohydrate Research*, 339, 2693-2700.
- Majelis Ulama Indonesia (MUI). 2009. *Fatwa Majelis Ulama Indonesia Nomor 11 Tahun 2009 Tentang Hukum Alkohol*.
- Majelis Ulama Indonesia (MUI). 2003. *Fatwa Majelis Ulama Indonesia Nomor 4 Tahun 2003 Tentang Hukum Alkohol*.
- Mathews, VV., Binu, P., Paul, MV Sauganth., Abhilash, M., Manju, Alex., Nair, R.Harikumaran. 2012. Hepatoprotective efficacy of curcumin against arsenic trioxide toxicity. India. *Asian Pacific Journal of Tropical Biomedicine* s706-s711.
- Mishra, S *et al.* (2014). Review article, Hepatoprotective Medication for Liver Injury. *World Journal of Pharmacy and Pharmaceutical Sciences*. Vol 3, 5: 892.
- Mohanraj VJ, Chen Y. (2006). Nanoparticles-A review. *J. Pharmaceutical*: 561-573.
- Pandelidou, Maria., Dimas, Konstantinos., Georgopoulos, Aristidis, Hatziantoniou, Sophia., Demetzos, Costas., 2011. Preparation and characterization of lyophilised egg pc liposomes incorporating curcumin and evaluation of its activity against colorectal cancer cell lines. *Journal of Nanoscience and Nanotechnology*, VoL.11, p. 1259–1266.
- Rajian, S.R et al. (2015). Ekstraksi Multi Tahap Kurkumin dari Kunyit (*Curcuma domestica* Valet) menggunakan Pelarut Etanol. *Jurnal Teknik Kimia USU*. 29-30.
- Rochmah N. 2004. *Islam Untuk Disiplin Ilmu Teknologi*. Jakarta: Departemen Agama

- Rossidy, I. 2008. Fenomena Flora dan Fauna dalam Perspektif Al-Qur'an. Malang: UIN Press.
- Shu, X.Z & Zhu, K.J. (2002). Controlled Release Properties of Ionically Cross- linked Chitosan Beads: The Influence of Anion Structure. *International Journal of Pharmaceutical*, 233, 217-225.
- Singh, I et al. (2012). Hepatoprotective Activity of Aqueous Extract of Curcuma Longa in Ethanol Induced Hepatotoxicity in Albino Wistar Rats. *International Journal of Phytopharmacology*. 3(3); 226-227.
- Singh, R., Lillard, J.W. 2009. Review Nanoparticle Based Targeted Drug Delivery. *Exp Mol Pathol*. 86(3): 215-223.
- Siregar, M. (2009). *Pengaruh Berat Molekul Kitosan Nanopartikel untuk Menurunkan Kadar Logam Besi (Fe) dan Zat Warna pada Limbah Industri Tekstil Jeans*. Tesis. Sekolah Pascasarjana. Universitas Sumatera Utara. Medan.
- Sun, D., Zhuang, X., Xiang, X., Liu, Y., Zhang, S., Liu, C. & Zhang, H.G. 2010. A novel nanoparticle drug delivery system: the anti-inflammatory activity of curcumin is enhanced when encapsulated in exosomes. *Molecular therapy*, 18(9), 1606-1614.
- Syekh Utsaimin, Syarhu Bulughul Maram, Kairo, Dar Ibnu al Jauzi, 2008, hlm: 300
- Tahir, Hikmal. 2009. 'Arti Penting Kalibrasi pada Proses Pengukuran Analitik: Aplikasi pada Penggunaan pH Meter dan Spektrofotometer Uv-vis'. Gajah Mada University Press
- Tiyaboonchai, W. (2003). Chitosan Nanoparticles: A Promising System for Drug Delivery. *Naresuan University Journal*. 11 (3): 51–66.
- Utsaimin, Syekh. 2008. Syarhu Bulughul Maram. Kairo: Dar Ibnu al Jauzi
- Qi, L. and Xu, Z. (2006). In Vivo Antitumor Activity of Chitosan Nanoparticles. *Bioorganic & Medical Chemistry Letters*. 16: 4243–4245.
- Wunas, Yeanny dan Susanti. 2011. Analisa Kimia Farmasi Kuantitatif (revisi kedua). Makassar: Laboratorium Kimia Farmasi Fakultas Farmasi UNHAS
- Wintari, T., Rafika, S., Uray C., Sri, W., Isnindar. 2017. *Optimasi Kecepatan dan Lama Pengadukan terhadap Ukuran Nanopartikel Kitosan-Ekstrak Etanol 70% Kulit*

- Jeruk Siam (Citrus nobilis L. var Microcarpa)*. Traditional Medicine Journal 22(1): 19.
- Zhongfa, L., Chiu, M., Wang, J., Chen, W., Yen, W., Fan-Havard, P., & Chan, K. K. 2012. Enhancement of curcumin oral absorption and pharmacokinetics of curcuminoids and curcumin metabolites in mice. *Cancer chemotherapy and pharmacology*, 69(3), 679-689.
- Zuhroni. 2003. *Islam Untuk Disiplin Ilmu Kesehatan dan Kedokteran 2: Fiqih Kontemporer*. Kementrian Agama: Jakarta.
- Zuhroni. 2010. *Pandangan Islam Terhadap Masalah Kedokteran dan Kesehatan*. Bagian Agama Islam UPT MKU dan Bahasa Universitas YARSI. Jakarta.