

DAFTAR PUSTAKA

- Bintang, M., 1993, Studi Antimikroba dari *Stephylococcus lactis* BCC 229, *Disertasi*, Program Doktor Institut Teknologi Bandung, Bandung.
- Brodelius P., E.J. Vandamme, 1987, *Immobilized cell systems*, 407-463, In H.J. Rehm and G.Reed (ed) Biotechnology Chapter 8, VCH Pub.
- Brooks, G.F., Butel, J.S., Ornston, L.N., 2008, *Jawetz, Melnick & Adelberg Mikrobiologi Kedokteran* (terj.), Penerbit Buku Kedokteran EGC, Jakarta : 627-9.
- Campbell, N.A. and J.B. Reece, 2002, *Biology*, Sixth Edition, Pearson Education, Inc, 802-831, San Francisco.
- Cantrell, C.L., Fischer, N.H., Franzblau, S.c., 2010, *Antimicrobial Plants Terpenoids, Planta-Med*, George Thieme Verlag Stuttgart, New York, No.67: pp.685-694.
- Charles, G.G., 2003, *Chemistry and Our World*, Dubugue, I.A. USA: Wm.C, Brown Publishers.
- Food and Drug Administration, 2011, FDA Drug Safety Communication: Low magnesium levels can be associated with long-term use of Proton Pump Inhibitor drugs (PPIs), U.S. Department of Health and Human Services Terdapat di: <http://www.fda.gov/Drugs/DrugSafety/ucm245011.htm> [Diakses pada 2 Desember 2019].
- Ganiswara, S.G., 1995, *Farmakologi dan Terapi*, Bagian Farmakologi Fakultas Kedokteran UI, Jakarta.
- Gillespie, S. & Bamford, K., 2009, *Mikrobiologi Medis dan Infeksi*, edisi 3, Jakarta.
- Greenwood, 1995, *Antibiotiks Susceptibility (Sensitivity) Test, Antimicrobial ant Chemoteraphy*, Addison Westley Longman Inc, San Fransisco, USA.
- Greenwood, D., Slack, R.C.B., Peutherer, J.F., 2007, *A Prospective Survey of The Outcome of Pregnancy in Rural Area of Gambia, Bullettin of the world Health Organization* 65(5):635-643.
- Griffin, H.D., 2014, *Fungal Physiology*, John Wiley and Sons, Inc., New York.
- Hardy, P.Simon. 2002. Human Microbiology. London. Hal: 37-63.
- Harmita, 2004, *Petunjuk Pelaksanaan Validasi Metode dan cara Perhitungannya* Hal.117-132, Departemen Farmasi FMIPA UI, Jakarta.
- Hartanti, 2010, Isolasi dan Seleksi Bakteri Selulolitik Termofilik Dari Kawah Air Panas Gunung Pancar, *Skripsi*, Departemen Biokimia, Fakultas Matematika dan Ilmu Pengetahuan Alam, Institut Pertanian Bogor, Bogor.
- Hidayat, S dan R.M., Napitupulu, 2015, *Kitab Tumbuhan Obat*, Agriflo, Jakarta.

- Husein, Umar, 2015, *Metode Penelitian untuk Skripsi dan Tesis Bisnis*, Raja Grafindo Persada, Jakarta.
- Jawetz, E., Melnick, J.L., Adelberg E.A., 2008, Epidemiology of periodontal disease: a review and clinical perspectives, *J . Int. Acad. Periodontal.*, 3:14-21.
- Jawetz, M dan Adelberg, 2005, *Mikrobiologi Kedokteran edisi 23 Alih Bahasa: Huriwti Hartanto et al.*, Buku Kedokteran EGC, Jakarta.
- Jin Li, Jun Cai, Lihong Fan, 2008, *Effect of sonolysis on kinetics and physicochemical properties of treated chitosan*, *J.Appl, Polym, Sci*, 109:2417-2425.
- Jusoh, W., Aisyah, W.N., and Wong, L.S., 2014, Exploring the Potential of Whole Cell Biosensor: A Review in Environmental Application, *International Journal of Chemical, Environmental & Biological Science (IJCEBS)*, 2 (1), ISSN 2320-4087.
- Keenan, Charles W. dkk., 2003, *Ilmu Kimia Untuk Universitas Jilid 1*, Ed. Ke6, Terj. Aloysius Hadyana Pudjaatmaka, Erlangga, Jakarta.
- Khan, *et al.*, 2002, *Reporting Degree of Deacetylation Values of Chitosan: the Influence of Analytical Methods*, *J.Pharm Pharmaceut Sci.* 5(3): 205-212.
- Kusmiyati, 2004, *Kinetika Reaksi Kimia dan Reaktor*, Graha Ilmu, Yogyakarta.
- Kusumawati, D., 2009, *Bersahabat Dengan Hewan Coba*, UGM Press, Yogyakarta.
- Lei, Y., Chen, W., and Mulchandani, A., 2006, *Review Microbial Biosensors Divisions of Chemical and Biomolecular Engineering and Centre of Biotechnology*, *Analytica Chemica*, 568, 200-201.
- Li, C.B., Hein, C.B., Wang. K., 2008, *Biosorption of Chitin and Chitosan*, *J. Matter.Sci and Tech.*, 24 (9).
- Machmud, Muhammmad, 2001, *Teknik Penyimpanan dan Pemeliharaan Mikroba*, Balai Penelitian Bioteknologi Tanaman Pangan, Bogor.
- Martins, E.A., 2013 *Molecularly Imprinted Polymers ass a Versatile Highly selective Tool in sample preparation*, *Trends Anal Chem.*, 45, 169-181.
- Miller, J.C., dan J.N., Miller, Alih Bahasa oleh suroso, 1991, *Statistika untuk Kimia Analitik Edisi Kedua*, ITB, Bandung
- Munir, M., 1996, *Tanah-tanah utama di Indonesia, Karakterisasi, Klasifikasi dan Pemanfaatannya* hal. 216-238, Pustaka Jaya, Jakarta.
- Ngaisah, Siti, 2010, Identifikasi dan uji aktivitas antibakteri minyak atsiri daun sirih merah (*piper crocatum*) Asal Magelang, *Skripsi*, FMIPA Universitas Sebelas Maret, Surakarta.
- Panda, V., and Sonkamble, M., 2012, Phytochemical Constituents and Pharmacological Activities of Ipomoea batatas I, (Lam), *International*

Journal of Research in Phytochemistry and Pharmacology, ISSN: 2231-010X, Mumbai, India

- Pelczar, M.J. & E.C.S. Chan, 1986, Penerjemah: Ratna Siri Hadioetomo dkk, *Dasar-dasar Mikrobiologi 1*, UI Press, Jakarta.
- Poole, C. F & Poole, S. K., 1994, *Chromatography Today*, 652, Wayne State University, USA.
- Pradip, K.D., Jog D.D., and V.S. Tripathi, 2004, Chittin and Chitosan:Chemistry properties and applications, *Jurnal Natur Indonesia*, 13(1):21-26.
- Riesca, Ayu Kusuma W., Djony Izak Rudyarjo dan Adri Supardi, 2013, Sintesis dan karakterisasi bioselulosa-kitosan dengan penambahan gliserol sebagai plasticizer, *Jurnal Fisika dan Terapannya*, 1 (1):8-22.
- Santoso, S., 2001, *Mengolah Data Statistik Secara Profesional Versi 7.5*, Elex Media Komputindo, Jakarta
- Sedaghat, M.E., H. Aghaei, and S. Soleimanian-Zad, 2009, *Enzyme Immobilization, Part 3: Immobilization of α -amylase on Na-Bentonite and modified bentonite*, *J.Clay*, 46 (1): 125-130.
- Siswandono, dan Soekardjo, B., 2008, *Kimia Medisinal Jilid 1 Hal. 185-187, 200, 203-204*, Airlangga University Press, Surabaya.
- Skoog, D.A., D.M. West, dan F.J.Holler, 1996, *Fundamental of Analytical Chemistry &th ed*, Sauders College Publishing.
- Skoog, D.A., dan D.M. West, 1971, *Principles of Instrumental Analysis*, New York: Holt, Rineheart and Winstin Inc.
- Soldat, J.D., Barak, P., Lepore., J.B., 2009, Microscale Colorimetric Analysis Using a Desktop Scanner and Automatic Digital Image Analysis, *Journal of Chemical Education*, S6(S),617
- Sugita, P., Wukisari T., Sjahriza A., dan Wahyono D., 2009, *Kitosan: Sumber Biomaterial Masa Depan*, IPB Press, Bogor.
- Supardi, dan Sukamto, 1999, *Mikrobiologi Dalam Pengolahan Dan Keamanan Produk Pangan*, Penerbit Alumni, Bandung.
- Sutoyo, T., 2009, *Teori Pengolahan Citra Digital hal: 9-27*, ANDI, Yogyakarta
- Sutton, S., 2011, *Determination of Inoculum for Microbiologycal Testing*, Summer Vol. 15 Number 3.
- Syuhada, Rachmat W., Jayatin dan Saeful R., *Modifikasi Bentonit (Clay) menjadi Organoclay dengan Penambahan Surfaktan*, *Jurnal Nanosains dan Nanoteknologi*, 2009, 48-51.
- Tantowidjojo, V. R., Roosdiana, A. & Prasetyawan, S, 2013, Optimasi Amobilisasi Pektinase dari Bacillus subtilis Menggunakan KitosanNatrium Tripolifosfat, *Kimia Student Journal*, 1(1). 91–97.

- Tjay, Tan Hoan dan Kirana Rahardja, 2007, *Obat-Obat Penting Khasiat, Penggunaan dan Efek-Efek Sampingnya*, Edisi Keenam, 262, 269-271, PT. Elex Media Komputindo, Jakarta.
- Todar, K., 2008, *Staphylococcus aureus and Staphylococcus Disease*, [http://textbookofbacteriologi.net.](http://textbookofbacteriologi.net/), Diakses pada tanggal 7 Maret 2019.
- Trigiantoro, 2014, Isolasi Bakteri, Kapang dan Khamir. <http://scribd.com/doc/>. Diakses pada tanggal 13 Desember 2019, Malang.
- Waluyo, Lud, 2005, *Mikrobiologi Umum*, Universitas Muhammadiyah Malang Press, Malang.
- Wang, Y., Ye Z., Si C., Ying Y., 2013, *Monitoring of Escherichia coli O157:H7 in samples using lectin based surface plasmon resonance biosensor*, *For Chem*, 136, 1303-1308.
- Wattimena, 1991, *Farmakodinamik dan Terapi antibiotik* (1-7), UGM Press, Yogyakarta.
- Wijaya, K., 2012, *Nanoteknologi dan Energi*, Universitas Gajah Mada Press, Yogyakarta.
- Wirongrong T., Lisa J. Maurer, Sasitorn Wongruong, Pensin Sriburi and Purnchai Rachtanapun, 2011, Effect CMC concentration on physical properties of biodegradable cassava strach-based film, *Chemistry Central Journal*, 5(6):1-8.
- Wulan, R., 2012, Modifikasi Bentonit Terpilar Al menggunakan Poli(Dialildimetilamonium) dan Polistiren Sulfonat sebagai Adsorben Ion Co(II) dalam Limbah Cair, *Skripsi*, Jurusan Kimia FMIPA, UI, Depok.
- Zhai, J., Yong, D., Li, J., dan Dong, S., 2013, *A Novel Colorimetric Biosensor for Monitoring and Detecting Acute Toxicity in Water*, *Analyst*, 138, 72-707.