

DAFTAR PUSTAKA

- Anggoro,D., 2015, “Ekstraksi Multi Tahap Kurkumin dari Temulawak (*Curcuma Xanthorrhiza Roxb.*)”, Skripsi, Program Sarjana Fakultas Teknik USU, Medan.
- Azizah, B., dan N. Salamah,2013,”Standarisasi Parameter Non Spesifik dan Perbandingan Konsentrasi Kurkumin Ekstrak Etanol dan Ekstrak Terpurifikasi Rimpang Kunyit”,*Jurnal Ilmiah Kefarmasian*, Vol.3 No.1. hh.21-30.
- Azizah, 2019, “Penentuan Koefisien Perpindahan massa Pada Ekstraksi Tanin Biji Pinang (*Areca Catechu L*)”, Skripsi, Universitas Brawijaya, Malang.
- Barkat A.K., Naveed A., Khan H.M.S,Waseem K.,Mahmood T.,Rasul A.,Iqbal M., and Khan H., 2013, “Development characterization and antioxidant activity of polysorbate based O/W emulsion containing polyphenols derived from Hippophaermnoides and Cassia fistula”, *Journal of Pharmaceutical Sciences*, Vol.49(4).
- Baskaran C, Ratha bai V, Velu S, Kumaran K. 2012. The efficacy of Carica pepaya leaf extract on some bacterial and a fungal strain by well diffusionmethod. Asian Pac J Trop Dis 2: S658-S662.doi: 10.1016/S2222- 1808(12)60239-4.
- Bernasconi, G 1995, *Teknologi Kimia 2*, Jakarta, PT Pradnya Paramita.
- Darwis, D., 2000,”Teknik Dasar Laboratorium dalam Penelitian Senyawa Bahan Alam”, FMIPA Universitas Andalas.
- Depkes RI. 2008. Farmakope Herbal Indonesia Edisi 1. Jakarta: Departemen Kesehatan Republik Indonesia. Hal. 8-9, 10-12.
- Duke, J. A. 2009. Dr. Duke’s Phytochemical and Ethnobotanical Databases. <http://www.arsGrin.Gov/Duke/> .
- Gamse, T., 2002, “Liquid-liquid Extraction and Solid-Liquid Extraction”, Institute of Thermal Process and Enviromental Engineering”,*Journal Graz University of Technology*, hal 2-24.

- Geankoplis, C 2003, *Transport Process and Separation Process Principe*, 4thedn, New Delhi, Prenticse-Hall.
- Heltina,D.,Sunarno,M.Iwan Fermi dan Melda Julianti, 2012, “Hubungan Koefisien Perpindahan Massa Dengan Bilangan Reynolds Pada Adsorpsi Logam Cu Menggunakan Adsorben Abu Sekam Padi”, *Jurnal ISSN.1907-0500*.
- Jayalaksmi, A and Mathew, A.G 1982, *Chemical Composition and Processing The Arecaut Palm (Areca catechu L)* , India,CPCRI Kasaragod.
- Jimenez,V.M.,Mora Newcomer,E., dan Gutierrez Soto,M.V. 2013. “Plant Genetics and Genomics”. *Crops and Models Biology of the Pepaya Plant*, Vol.10.
- Krishna, K.L., Paridhavi, M., Patel, J.A. 2008. ‘Review on Nutrional, Medicinal, and Pharmacological Properties of Pepaya (Carica pepaya L.)’. *Natural Product Radiance*, Vol.7 No.4, hh.364-73.
- Lutony, K, 1993, *Pinang Sirih, Kanisius*, Yogyakarta.
- Mardina Primata, Ajang Gunawan dan M.Imam Nugraha. 2012.’Penentuan Koefisien Perpindahan massa Ekstraksi Kalium Dari Abu Batang Pisang’. *Konversi*, Vol.1 No.1 .
- Masud, F., Puspitasari, 2017, “Studi Pendahuluan Ekstraksi Bertingkat Minyak Biji Mangga Arumanis (Mangifera Indica) menggunakan Pelarut n-Hexsan dan Ethanol. *Jurnal INTEK* 4(1), hh.42-44.
- Mohamad, M., Ali, M.W. and Ahmad, A., 2010,’Modelling for Extraction of Major Phytochemical Components from Eurycoma longifolia’. *Journal of chemical sciences and Applications*, Vol.1,hh 82-85.
- Mujumdar, A.M., Kapandi, A.H., and Pendse, G.S 1979.’Chemistry and Pharmacology of Betel Nut Areca Catechu LINN’. *Journal of Plantation Crops*, Vol.7.
- Pamungkas, 2011, “Efektifitas Ekstrak Daun Pepaya Carica pepaya L. Untuk Pencegahan dan Pengobatan Ikan Lele Dumbo Clarias sp. Yang Diinfeksi Bakteri Aeromonas hydrophila”, skripsi, Bogor: Fakultas Perikanan dan Ilmu Kelautan Institut Pertanian Bogor.
- Paryanto, Azalia Kartika Suri dan Ilham Roy Saputro.2017.”Difusi dan Perpindahan massa pada Ekstraksi Tanin dari Buah Mangrove (*Rhizophora*

- Stylosa)*”. *Jurnal Rekayasa Bahan Alam dan Energi Berkelanjutan*, Vol 1 No.2, pp 42-48.
- Perry, R.H. and Green, D.W., (1997), Perry’s Chemical Engineers’ Handbook, 7th Edition, McGrawHill Companies, Inc., United States of America, pp. 18-55 – 18-58.
- Prasetyo Susiana dan Felicia Yosephine. 2012. “Model perpindahan Massa Pada Ekstraksi Saponin Biji the Dengan Pelarut Isopropil Alkohol 50% dengan Pengontakan Secara Dispersi Menggunakan Analisa Dimensi”.*Jurnal Reaktor*, Vol 14 No.2, hal 87-94.
- Rahim, A.A, Rocca, E., Steinmetz, J., Kassim, M.J., Adnan, R., and Ibrahim, M.S., 2007, Mangrove Tanins and Their Flavanoid Monomers as Alternative Steel Corrosion Inhibitors in Acidic Medium, *Corrosion Science*, 49, 402 – 417.
- Richardson, J.F., Harker, J.F., and Backhurst, J.R., 2002. Particle Technology and Separation Processes in Coulson and Richardson’s Chemical Engineering, 5 (2), Butterworth-Heinemann, Great Britain, pp. 504538.
- Robinson, T, 1991. *Kandungan Organik Tumbuhan Tingkat Tinggi*. Bandung: Penerbit ITB, pp. 152-196.
- Smith, J.M., 1981. *Chemical Engineering Kinetics*, Mc. Graw Hill Book Co., Inc., Singapore. Applied Science, 10 (21), pp. 2572-2577.
- Soebagio, Stefanus Biondi, Jaimito Salvador.S, Nani I. & Yohanes Kurniawan.2014.“Ekstraksi Polisakarida pada Biji asam jawa (*Tamarindus Indica L.*)’. *Jurnal Ilmiah Widya Teknik*. Vol.14 no. 2.
- Taralkar, S.V. dan Garkal, D.J. 2010. “Solid- Liquid Extraction Process of Active Ingredients from Medicinal Plants mathematical Models’. *International Journal of chemical sciences and Applications*, Vol.1 No.2, hh 82-85.
- Treybal, robert E, 1981. *Mass Transfer Operations*. Singapore:MC Graw Hill.
- United States Departemen of Agriculture,2014, *Classification of Carica Pepaya*,Natural Resource Conversation Service,Diakses January 2,2020,dari <https://plans.usda.gov/java/ClassificationServlet?source=display&classid=C> APA23.

Yuniawati, M., A., W. Kusuma, dan F.Yunanto, 2012, “Optimasi Kondisi Proses Ekstraksi Zat Pewarna dalam Daun Suji dengan Pelarut Ethanol”. *Prosiding Seminar Nasional Aplikasi Sains dan Teknologi (SNAST) Periode III*, Jakarta, hh 257-263.