



DAFTAR PUSTAKA

- Agusman, A., 2013, Pengujian Organoleptik Teknologi Pangan, Universitas Muhamadiyah Semarang, Semarang.
- Akili, M.S., U. Ahmad dan N.e. Suyatma, 2012, Karakteristik Edible Film dari Pektin Hasil Ekstraksi Kulit Pisang, *Jurnal Keteknikan Pertanian*, 26(1): 39-46.
- Amalia,S,S. Wahdaningsih, dan E.K.Untari., 2014, Antibacterial activity testing of n-Hexanefraction of red dragon(*Hylocereus polyrhizus* Britton dan Rose) fruit peel on *Staphylococcus aureus* A TCC25923, *Traditional Medicine Journal*, 19(2):89-94.
- Anakunhas, 2012, Jenis-jenis Distilasi, <http://www.anakunhas.com/2012/01/jenis-jenis-distilasi.html>, diakses pada 18 September 2019.
- Anonim, 2014, *Farmakope Indonesia*, Edisi V, Departemen Kesehatan Republik Indonesia, Jakarta.
- Atika Ariani Hendra, Adrianus Rulianto Utomo, Erni Setijawati, 2015, Kajian Karakteristik Edible Film dari Tapioka dan Gelatin dengan Perlakuan Penambahan Gliserol, *Jurnal Teknologi Pangan dan Gizi*, 14 (2) : 95-100.
- Avinash, KG, 2013, Fast Dissolving Dosage Forms, *IJPsi*; 2:14-17
- Arya, A., Chandra, A., Sharma, V., Pathak, K., 2010, Fast Dissolving Oral Films: An Innovative Drug Delivery System and Dosage Form, *Int. J. Chemtech*, 2:576-583.
- Badan Standarisasi Nasional, 2009, Tepung Terigu sebagai Bahan Pangan, SNI 01-3751-2009, Badan Standarisasi Nasional, Jakarta.
- Bala, R., Pawar, P., Khanna, S., 2013, Orally dissolving strips: A new approach to oral drug delivery system, *international Journal of Pharmaceutical Investigation*, 3(2): 67-76.
- Basu, S., M. Parya, S. Maji, R. Nath, P.K. Chakraborty., 2014, Effect of canopy temperature and stress degree day index on dry matter accumulation and grain yield of wheat (*Triticum aestivum L.*) sown at different dates in the Indo-Gangetic plains of Eastern India, *Indian J. Agric. Res.* 48:167-176.
- Budiarti, S.G, 2005, Karakterisasi beberapa sifat kuantitatif plasma nuftah gandum (*Triticum aestivum L.*). Buletin Plasma Nuftah. No. 2. Vol. 11. Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumber Daya Genetik. Pertanian. Bogor.<http://indoplasma.or.id>.Diakses pada tanggal 18 September 2019.



- Burt, B. a, 2006, The use of sorbitol- and xylitol-sweetened chewing gum in caries control, *Journal of the American Dental Association (1939)*, 137(2): 190–196.
- Chiumarelli, M. dan Hubinger, M.D, 2012., Stability, solubility, mechanical and barrier properties of cassavatarch-Carnauba wax edible coatings to preserve freshcut apples, *Food Hydrocolloids* 28: 59-67.
- Cornell, J. A., 2011, Experiment with mixture: design, model, and the analysis of mixture data, Edisi 3, John Wiley & Sons, Inc.: New York.
- Dewi Rahmatika Shaumi, 2016, Karakterisasi Sifat Fitokimia Tepung Terigu Komersial dan Aplikasinya dalam Proses Pembuatan Roti Tawar di PT. Bungasari Flour Mills Indonesia, Skripsi, Departemen Ilmu dan Teknologi Pangan Fakultas Teknologi Pertanian Institut Pertanian Bogor.
- Dille, M. J., Hattrem, M. N., dan Draget, K. I., 2018, Bioactively filled gelatin gels; challenges and opportunities, *Food Hydrocol.* 76: 17 – 29.
- Esmaeili, A., Rustaiyan, A., Nadimi, M., Larijani, K., Nadjafi, F., Tabrizi, L., Chalabian, F., Amiri, H., 2008, Chemical Composition and Antibacterial Activity of Essential Oil from Leaves, Stems, and Flowers of *Salvia reutariana* Boiss. Grown in Iran, *PubMed Journal*, 22(6): 516-520.
- Gunawan, D. dan Mulyani, S, 2010, *Ilmu Obat Alam (Farmakognosi) Jilid 1*, Penebar Swadaya, Jakarta.
- Hariyanto dan Y.J., Sambudi, 2010, Pembuatan Gelatin Tulang Ikan Tawar (Anabantidae), Tugas Akhir, Surakarta: FT UNS.
- Irfan, M., Rabel, S., Bukhtar, Q., Qadir, M.I., Jabeen, F., dan Khan, A., 2016, Orally Disintegrating Films : A Drug Expansionin Drug Delivery System, *Saudi Pharmaceutical Journal*, 24:537-546.
- Kamal, Netty, 2010, Pengaruh Bahan Aditif CMC (Carboxyl Methyl Cellulose) Terhadap Beberapa Parameter pada Larutan Sukrosa, *Teknologi* 1, 17 : 78-84.
- Kementrian Kesehatan Reublik Indonesia, 2018, Potret Sehat Indonesia dari Riskesdas 2018, diakses dari <https://www.depkes.go.id/article/print/18110200003/potrer-sehat-indonesia-dari-riskestas-2018.html> pada 15 November 2019 pukul 19.00 WIB.
- Khan, M.I., Adrees, M.N., Tariq, M.R. & Sohaib, M., 2013, Application of Edible Coating for Improving Meat Quality: A Review, *Pakistan Journal of Food Sciences*, 23(2): 71-79.
- Kidd, Edwina A.M, Sally Joyston-Bechal, 2012, *Dasar-dasar Karies Penyakit*



dan Penanggulangannya, . 145-52, EGC, Jakarta.

- Koland, M., Sandeep, V.P., dan Charyulu, N.R, 2010, Fast Dissolving Sublingual Films of Ondansetron Hydrochloride: Effect of Additives on in vitro Drug Release and Mucosal Permeation, *J Young Pharm*, 2 :3.
- Krieg, N.R, Staley, J.T., Brown, D.R, Hedlund, B.P., Pater, B.J., Ward, N.L., Ludwig, W. & Whitman, W.B., 2010, *Bargey's Manual of Systematic Bacteriology*, 2nd Ed. Vol. 4., Springer, USA.
- Kusumawardani, 2010, Uji biokimia sistem API 20 A mendeteksi *Porphyromonas gingivalis* isolat klinik dari plak subgingiva pasien periodontitis kronis, *Jurnal PDGI* , 59(3): 110-114.
- Muhamad Hasdar, Yuny Erwanto, Suharjono Triatmojo, 2011, Karakteristik Edible Film yang Diproduksi dari Kombinasi Kulit Kaki Ayam dan *Soy Protein Isolate*, *Buletin Peternakan* , 35(3): 188-196.
- Mustakim, I, 2013, Optimasi Proses Pembuatan Mi Sorgum Kering dengan Menggunakan Ekstruder Ulir Ganda, Skripsi, Fakultas Teknologi Pertanian, Institut Pertanian Bogor, Bogor.
- Nagaraju, T., Gowthami, R., Rajashekhar, M., Sandeep, S., mallesham, M., Satish, D., dan Shravan Kumar, Y., 2013, Comprehensive review on oral disintegrating films, *Curr. Drug Deliv.* 10(1):96-108.
- Nasiru, N, 2014, Teknologi Pangan Teori Praktis dan Aplikasi, Graha Ilmu, Yogyakarta.
- Natawijaya, A., 2012, Analisis genetik dan seleksi generasi awal segregan gandum (*Triticum aestivum L.*) berdaya hasil tinggi, Tesis, Sekolah Pascasarjana, Institut Pertanian Bogor, Bogor.
- Nehal, S., Garima, G., Pramod, K.S., 2011, A short Review on A Novel Approach in Oral Fast Dissolving Drug Delivery System and Their Patents, *Advan Biol Res*, Volume 5.
- Nelis Immaningsih., 2012, Profil Gelatinasi Beberapa Formulasi Tepung-tepungan Untuk Pendugaan Sifat Pemasakan, *Panel Gizi Makanan*, 35(1) : 13-22.
- Nugroho, A. Adi, Basito, dan Katri, R. Baskara., 2013, Kajian pembuatan edible film tapioka dengan pengaruh penambahan pektin beberapa jenis kulit pisang terhadap karakteristik fisik dan mekanik, *Jurnal Teknosains Pangan* 2: 73 –79.
- Putri, Dewi Artanti dan Zenny Kurniyati., 2016, Effect of Sodium Chloroacetate towards the Synthesis of CMC (Carboxymethyl Cellulose) from Durian (*Duriozibethinus*) peel Cellulose, *Innovative Research in Advanced Engineering* , 3:28-32.



Rahayu, K. M., 2017 “Uji Aktivitas Antibakteri dan Antibiofilm Minyak Atisiri Daun Pohpohan (*Pilea trinervia* Wight.) terhadap Bakteri *Porphyromonas gingivalis*”, Skripsi, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.

Rodrigues, F.F.G., Oliveira, L.G.S., Fabio, F.G., Saraiva, M.E., Almeida S.C.X., Cabral, M.E.S., Campos, A.R., Costa, J.G.M., 2012, Chemical Composition, Antibacterial, and Antifungal Activities of Essential Oil from *Cordia verbenacea* DC Leaves, *Pharmacological Research*, 4(3) : 161-165.

Rusli, A., Metusalach, Salengke, dan Tahir, M, 2017, Karakterisasi Edible Film Karagenan Dengan Pemplastis Gliserol, *JPHPI*, 20: 219-229.

Sani S, Nanda A, Hooda M, Komal, 2011, Fast Dissolving Films (FDF): Innovative Drug Delivery System, *Pharmacologyonline*, 2: 919-28.

Sartika Widowati, Nurul Khumaida, Sintho Wahnyuning Ardie, dan Trikoesoemaningtyas., 2016, Karakteristik Morfologi dan Sifat Kuantitatif Gandum (*Triticum aestivum* L.) di Dataran Menengah, *J. Agron. Indonesia*, 44 (2): 162-169.

Setiani, W., Sudiarti, T. dan Rahmidar, L., 2013, Preparasi dan Karakterisasi *Edible* Film dari Poliblend Pati Sukun-Kitosan. *Valensi*. 3(2) : 100-109.

Shweta, K., Mayank, B., 2012, Recent Trends in The Development Of Oral Dissolving Film. *Int J PharmTech Res.* Volume 4.

Siahaan, R.O.I., 2010, Isolasi *Salmonella* spp. pada Sayuran Segar di Wilayah Bogor dan Evaluasi Pengaruh Perlakuan Pencucian dengan Sanitizer Komersial, Skripsi, Institut Pertanian Bogor, Bogor.

Siddiqui, N., Garg, G., dan Kumar Sharma, P., 2011, A short review on danquot; a novel approach in oral fast dissolving drug delivery system and their patents danquot;, *Adv. Biol. Res.* 5(6):291-303.

Siti Mudmainah, 2017, Sintesis Selulosa-Polietilen Glikol (PEG) dan Aplikasinya Dalam Sistem Pelepasan Obat Ibuprofen, Skripsi, Fakultas Matematika Dan Ilmu Pengetahuan, Universitas Lampung, Bandar Lampung.

Sousa, R.M.F., de Moraes, S.A.L., Vieira, R.B.K., Napolitano, D.R., Guzman, V.B., Moraes, T.S., Cunha, L.C.S., Martins, C.H.G., Chang, R., de Aquino, F.J.T., do Nascimento, E.A., & de Oliveira, A, 2015, Chemical Composition, Cytotoxic, and Antibacterial Activity of The Essential Oil from *Eugenia calycina* Cambess. Leaves against Oral Bacteria. *Industrial Crops and Products*, 65: 71-78.

Stat-Ease., 2017, Handbook for experiment, Stat-Ease, Inc, Minneapolis.



- Subash, V.K., Basani, G., Guru, S., Madhusudan, R., 2010, Overview on Fast Dissolving Films, *Int J Pharmacy and Pharm Sci.* Volume 2.
- Swamy, N.G.N., Shiva, K.S., 2014, Formulation and Evaluation of Fast Dissolving Oral Films of Palanosetron Hydrochloride Using HPMC-E5. *International journal of pharmaceutical and chemical sciences.* Vol. 3.
- Thakur, N., Bansal, M., dan Sharma, N., 2013, Overview A Novel Approach of Fast Dissolving Films and Their Patents. *Advance in Biological Research.* 7(2); 50-58.
- Upendra CG, Sunil S K, Yuvraj GJ, Praveen D., 2013, Investigation of different polymers, plasticizers and superdisintegrating agents alone and in combination for use in the formulation of fast dissolving oral films. *Int J PharmTech Res.* 5:1465-1472.
- Van Steenis, C.G.G.J., 2010, *Flora Pegunungan Jawa.* Pusat Penelitian Biologi LIPI, Bogor.
- Vieira, M . G. A., Da Silva, M, A., Dos Santos, L.O., Beppu, M. M, 2011, Natural-based plasticizers and biopolymer films: A review. European <https://doi.org/10.1016/j.eurpolymj.2020.12.011>.
- Warkoyo, Budi Rahardjo, Djagal Wiseso Marseno, Joko Nugroho Wahyu Karyadi, 2014, Sifat Fisik, Mekanik dan *Barrier Edible Film* Berbasis Pati Umbi Kimpul (*Xanthosoma sagittifolium*) Yang Diinkorporasi Dengan Kalium Sorbat. *Agritech*,34 : 72-81.
- Wichchukit, S. dan O'Mahony, M., 2010, Paired preference tests: 'Liking', 'Buying' and 'Take Away' preferences, *Food Qual. Pref.* 21: 925 – 929.
- Yuan, Jinghua, P. Peter Shang, & Stephen H. Wu, 2011, Effects of Polyethylene Glycol on Morphology, Thermomechanical Properties, and Water Vapor Permeability of Cellulose Acetate-Free Films, *Pharmaceutical Technology*, 62-73.
- Yuliani Sri, 2012, *Panduan Lengkap Minyak Atsiri*, Cetakan I, Hal. 204, Penebar Swadaya, Jakarta.
- Zuwanna, I., Fitriani, & Meilina, H, 2017, Pengemas Makanan Ramah Lingkungan , Berbasis Limbah Cair Tahu (Whey) Sebagai Edible Film, Prosiding Seminar Nasional Pascasarjana, 77-87.