

## DAFTAR PUSTAKA

[www.itk.ac.id](http://www.itk.ac.id)

- Abo-El-Fetoh, S.M., Hanan, M.A.A. dan Nabih, N.M.N. (2010). *Physicochemical properties of starch extracted from different sources and their application in pudding and white sauce.* World Journal of Dairy and Food Sciences 5(2): 173-182
- Affif, M, Wijayati, N., dan Mursiti, S. 2018. *Pembuatan dan Karakterisasi Bioplastik dari Pati Biji Alpukat-Kitosan dengan Plasticizer Sorbitol.* Indonesian Journal of Chemical Science. Universitas Negeri Semarang.
- Al-Hasan, A.A. dan Norziah, M.H. (2012). Starch gelatin edible films: water vapor permeability and mechanical properties as affected by plasticizers. *Food Hydrocolloids* 26: 108-117.
- Alim, Leni B. 2016. *Aplikasi Edible Coating dari Pati Tapioka dan Air Perasan Jeruk Nipis (Citrus Aurantifolia) Pada Bakso.* Jurnal Publikasi. Yogyakarta : Universitas Atma Jaya Yogyakarta.
- Al Ummah, N. 2013. *Uji Ketahan Biodegradable Plastic Berbasis Tepung Biji Durian (Durio Zibethinus Murr) Terhadap Air dan Pengukuran Densitasnya.* Skripsi. Semarang : Universitas Negeri Semarang.
- Baldwin, E. A, Hagenmaier, R. dan J. Bay. 2012. *Edible Coating and Film to Improve Food Quality Second edition.* London: CRC Press.
- Berthier, Jean, Kenneth A. Brakke, 2012, *The Physics of Microdroplets*, John Wiley & Sons, Canada.
- Belitz, H.D & Grosh, W. 1999. *Springer Verlag: Food Chemistry. Second Edition.* Germany: Berlin Heidelberg.
- Bourtoom, T. et al., 2008, *edible film and Coating: Characteristic and Properties*, Prince of Songkhla University, Songkhla.
- Chan, H. T., JR. 1983. *Handbook Of Tropical Foods.* Marcel Dekker Inc., New York and Bassel.
- Cho, C.Y. and Kaushik, S.J. 1985. *Effect of Protein Intake on Metabolizable and Net Energy Values of Fish Diets.* In: Cowey, C.B., Mackie, A.M. and Bell, J.G., Eds., *Nutrition and Feeding in Fish*, Academic Press, London, 95-117.

- Cholik F and Hanafi A. 1992. *A review of the status of the mud crab (*Scylla spp.*) fishery and culture in Indonesia*. Report of the seminar on the mud crab culture and trade: 13-27.
- Donhowe-Irene, G. dan Fennema, O. 1994. *Edible films and Coatings: Characteristics, Formation, Definitions, and Testing Methods*. Di dalam :Krochta, J.M., Baldwin, E.A., dan Nisperos Carriedo, M.O. (Eds), *Edible Coatings and Films to Improve Food Quality*. Technomic Publishing Company Inc., Lancaster Pennsylvania, p. 1-24.
- Fauzi, M. B., Ansor, A., dan Ramadana, M. I. 2018. *EATING PAKU (Edible Coating Patti Kulit Ubi Kayu) Untuk Pakan Ikan*. PKM. Universitas Gajah Mada Yogyakarta.
- Gao E, Pollet, Averous E. 2017. *Properties of glycerol-plasticized alginate films obtained by thermo-mechanical mixing*. Food Hydrocolloids. 63:414-420.
- Gennadios,A and C. L. Weller, "Edible Films and Coatings from Wheat and Corn Proteins," Food Technology, Vol. 44, No. 10, 1990, pp. 63-69.
- Guilbert and B. Biquet. 1990. *Edible Film and Coating dalam : Food Packaging Technology Vol. 1*. Diedit oleh Bureau, G dan J. L. Multon. VCH Publisher, Inc. New York
- Hargreaves, J.A. dan Tucker, C.S. 2004. *Managing Amonia in Fish Ponds*. Southerm Regional Aquaculture Center, SRAC publication 4603.
- Herawan, Cindy D. 2015. *Sintesis dan Karakterisasi Edible Film Dari Pati Kulit Pisang Dengan Penambahan Lilin Lebah (Beeswax)*. Skripsi. Semarang: Universitas Negeri Semarang.
- Krochta, 1994, *edible film and Coating to Improve Food Quality*, Technomic Publishing Company, New York.
- Kusbiantoro, B., H. Herawati, & A. B. Aliza. 2005. Pengaruh Jenis dan Konsentrasi Bahan Penstabil Terhadap Mutu Produk Velva Labu Jepang. *J. Hort*, 15(3):223-230.
- Laily, Nadhifatul. 2013. *Pengaruh Jenis Pati sebagai Bahan Dasar Edible Coating dan Suhu Penyimpanan terhadap Kualitas Stroberi (*Fragaria x ananassa*) Var. Rosa Linda*. Skripsi. Malang : Universitas Islam Negeri Maulana Malik Ibrahim Malang.

- Luthana, Yissa, 2010, *Review Lengkap tentang Edible Film, Pembuatannya dari Bubuk Pektin Cincau dan Aplikasinya*,
- Lomelí Ramírez, M. G., Barrios Guzmán, A. J., García Enriquez, S., Rivera P, J.D., Manríquez G. R. 2014. *Chemical and Mechanical Evaluation of Bio composites Based on Thermoplastic Starch and Wood Particles Prepared by Thermal Compression*. BioResources 9(2), 2960-2974.
- Manab, A. (2008). Pengaruh penambahan minyak kelapa sawit terhadap karakteristik edible film protein whey. Jurnal Ilmu dan Teknologi Hasil Ternak 3(2):8-16.
- Mardiatina, Baiq. 2018. *Penggunaan Edible Coating untuk Penyimpanan Belimbing (Averrhoa carambola)*. Artikel Ilmiah. Universitas Mataram.
- Marmur, A., Della Volpe, C., Siboni, S., Amirfazli, A., Drelich, J.W., 2017, *Contact Angles and Wettability : Towards Common and Accurate Terminology*, Surface Innovations, Vol. 5, No. 1 Hal. 3-8
- Marseno, D.W. 2003. *Pengaruh Sorbitol Terhadap Sifat Mekanik dan Transmisi Uap Air Film dari Pati Jagung*. Prosiding Seminar Nasional Industri Pangan. Yogyakarta
- McHugh, T. H., & J. M. Krochta. 1994. *Water Vapor Permeability Properties of edible Whey Protein-Lipid Emulsion films*. JAOCs, 71(3):307-312.
- Murni, S. W., Pawignyo, H., Widyawati, D., Sari, N. 2013. *Pembuatan Edible Film dari Tepung Jagung (Zea Mays L.) dan Kitosan*. Prosiding Seminar Nasional Teknik Kimia “Kejuangan”. ISSN 1693-4393
- Naufal, Gani. 2019. *Kajian Edible Coating Berbahan Dasar Tepung Karagenan pada Ikan Nila (Oreochromis niloticus)*. Skripsi. Padang: Universitas Andalas Padang
- Parker R. 2003. Introduction to Food Science. United States of America : Delmar. Thomson Learning. p. 15-21.
- Potter W. & Norman, N 1986. *Food Science*. The AVI Publishing Co : Inc. Westport.Connecticut.
- Proborini, P. 2006. Pembuatan *Edible Film* dari Pati Garut (*Maranthaceae* L.) Kajian Suspensi Pati dan Proporsi Penambahan Gliserin. SKRIPSI. Universitas Brawijaya. Malang

- Purwitasari, D. 2001. *Pembuatan Edible Film (Kajian Konsentrasi Suspensi Tapioka dan Konsentrasi Karaginan Terhadap Sifat Fisik Edible Film)*. Skripsi. Malang. Fakultas Teknologi Pertanian, Universitas Brawijaya
- Rodriguez, M., O. Javier., Z. Khalid, dan M. Juan. 2006. combined effect of plasticizers and surfactants on the physical properties of starch based edible film. *Journal of Food Research International*, 39: 840-646.
- Santoso, B., 2006, *Karakteristik Komposit edible film Kolang-Kaling (Arenga pinnata) dan Lilin Lebah (Beeswax)*, Jurnal Teknologi dan Industri Pangan, Vol. 7, No. 2, Hal. 125-135
- Sitompul, A. dan Zubaidah, E. 2017. *Pengaruh Jenis dan Konsentrasi Plasticizer Terhadap Sifat Fisik Edible Film Kolang Kaling (Arenga pinnata)*. Jurnal Pangan dan Agroindustri Vol.5 No.1:13-25.
- Sumardikan, H. 2007. Penggunaan Carboxymethyl Cellulose (CMC) Terhadap pH, Keasaman, Viskositas, Sineresis, dan Mutu Organoleptik Yogurt Set. Skripsi. Malang: Universitas Brawijaya Malang.
- Thirathumthavorn, D. and S. Charoenrein. 2007. *Aging effect on-and noncrystallizing sorbitol-plasticized tapioca starch films*. *Starch* 59:493-497
- Wijayani, A., K. Ummah, & S. Tjahjani. 2005. Karakterisasi Karaboksimetil Selulosa (CMC) Dari Enceng Gondok (*Eichornia Crassipes* Mart) Solms). *Indo. J. Chem.*, 5(3):228-231.
- Winarno, F. G., 2004. Kimia Pangan dan Gizi. Cetakan ke-XI. PT. Gramedia Pustaka Utama. Jakarta.
- Xu, Y.X., K.M. Kim, M.A. Hanna, and D. Nag. 2005. Chitosan-starch composite film: preparation and characterization. *Industrial Crops and Products* 21: 185– 192.
- Yadav M, Rhee KY, Park SJ. 2014. *Synthesis and Characterization of Graphene Oxide/Carboxymethyl Cellulose/Alginate Composite Blend Films*. *Carbohydrate Polymers*. 110: 18-25
- Yuan, Yuehua, T. Randall Lee, 2013, *Contact Angle and Wetting Properties*, Springer, Berlin, Heidelberg.