

DAFTAR PUSTAKA

- Abe, M.M., Martins, J.R., Sanvezzo, P.B., Macedo, J.V., Branciforti, M.C., Halley, P., Botaro, V.R., dan Brienza M. (2021), “Advantages and Disadvantages of Bioplastics Production from Starch and Lignocellulosic Components”, *Polymers*, Vol. 13, No. 15
- Al-Oqla, F. M. dan Sapuan, S. M. (2020), “*Advanced Processing, Properties, and Applications of Starch and Other Bio-based Polymers*”. Amsterdam: Elsevier.
- Ahmed, J., Rao, M. A., Imam, S. H., dan; Tiwari, B. K. (2012). “*Starch-Based Polymeric Materials and Nanocomposites: Chemistry, Processing, and Applications*”. Boca Raton: CRC Press.
- Ashter, S. A. (2016). *Introduction to Bioplastics Engineering*. William Andrew.
- Bahadi, M., Salih, N., dan Salimon, J. (2021), “Synthesis and Characterization of Palm Oleic Acid Based Polyester for Bioplastic Applications”. *Moroccan Journal of Chemistry*, Vol. 9, No. 3, Hal. 602-613.
- Basri, S. K., Basri, K., Syaputra, E. M., dan Sri Handayani, (2021), “Microplastic Pollution in Waters and its Impact on Health and Environment in Indonesia: A Review”, *Journal of Public Health for Tropical and Coastal Region*, Vol. 4, No. 2, hal. 63-77.
- BPS, (2022), “Statistik Hortikultura 2022”, Badan Pusat Statistik, Jakarta, Indonesia.
- BPS, (2021), “Hasil Sensus Penduduk 2020”, Badan Pusat Statistik, Jakarta, Indonesia.
- Callister, W.D. dan Rethwisch, D.G. (2014), *Materials Science and Engineering an Introduction*, 9th Edition, John Wiley & Sons, Inc., New Jersey.
- Darni, Y., Sitorus, T. M., dan Hanif, M. (2014), “Produksi Bioplastik dari Sorgum dan Selulosa Secara Termoplastik”, *Jurnal Rekayasa Kimia dan Lingkungan*, Vol. 10, No. 2, hal. 55–62.

- FAO, (2023), “FAOSTAT *Crops and livestock products*”, <https://www.fao.org/faostat/en/#data/QCL>.
- Ghanbarzadeh, B. dan Almasi, H. (2010), “Physical Properties of Edible Emulsified Films Based on Carboxymethyl Cellulose and Oleic Acid”, *International Journal of Biological Macromolecules*, Vol. 48, hal. 44-49.
- Gilbert, M. (2017), *Brydson's Plastics Materials*, 8th edition, Butterworth-Heinemann, Kidlington.
- Hasri, Syahrir, M., dan Pratiwi D.E. (2021), "Synthesis and Characterization Of Bioplastics Made From Chitosan Combined Using Glycerol Plasticizer", *Indonesian Journal of Fundamental Sciences*, Vol. 7, No. 2, hal. 110-119.
- Huamán, Z. (1986). *Systematic botany and morphology of the potato*. Lima, Peru: International Potato Center.
- Illing, I., dan Satriawan MB. (2017). “Uji Ketahanan Air Bioplastik Dari Limbah Ampas Sagu Dengan Penambahan Variasi Konsentrasi Gelatin”. *Prosiding Seminar Nasional Universitas Cokroaminoto Palopo*, Vol. 3, No. 1, hal. 182–189.
- Jariyasakoolroj, P., Leelaphiwat, P., dan Harnkarnsujarit, N., (2020), “Advances in research and development of bioplastic for food packaging”, *Journal of the Science of Food and Agriculture*, Vol. 100, hal. 5032-5045.
- Ma’arif, L., Fitriass, U., Sedyadi, E. (2020), “Bioplastic Biodegradation Based on Ganyong Umbi States with Addition of Sorbitol and CMC (Carboxy Methyl Cellulose) In Soil Media”, *Proceeding International Conference on Science and Engineering*, Vol. 3, Hal. 429–435.
- Mohamed, M.A., Jaafar, J., Ismail, A.F., Othman, M.H.D., dan Rahman, M.A., (2017), “Fourier Transform Infrared (FTIR) Spectroscopy” dalam *Membrane Characterization*, eds. Hilal, N., Ismail, A.F., Matsuura, T., dan Radcliffe, D.O., Elsevier B.V., Amsterdam, hal. 3-26.
- Ningsih, E.P., Ariyani, D., dan Sunardi, (2019), “Pengaruh Penambahan Carboxymethyl Cellulose Terhadap Karakteristik Bioplastik dari Pati Ubi Nagara (*Ipomoea batatas L.*)”. *Indonesian Journal of Chemical Research*, Vol. 7, No. 1, hal. 77-85.

- Nurfauzi, S., Sutan, S.M., Argo, B.D., dan Djoyowasito, G. (2018), “Pengaruh Konsentrasi CMC dan Suhu Pengeringan Terhadap Sifat tarik dan Sifat Degradasi Pada Plastik Biodegradable Berbasis Tepung Jagung”, *Jurnal Keteknik Pertanian Tropis dan Biosistem*, Vol. 6, No. 1, hal. 90-99.
- Rafid, A.Z., Ardhyanta, H., dan Pratiwi, V.M. (2021), ”Tinjauan Pengaruh Penambahan Jenis Filler terhadap Sifat Mekanik dan Biodegradasi pada Bioplastik Pati Singkong”, *Jurnal Teknik ITS*, Vol. 10, No. 2, hal. 49-54.
- Robertson, T.M., Alzaabi, A.Z., Robertson, M.D., dan Fielding, B.A. (2018), “*Starchy Carbohydrates in a Healthy Diet: The Role of the Humble Potato*”, *Nutrients*, Vol. 10, No. 11, hal. 1764.
- Septiosari, A., Latifah dan Kusumastuti, E. (2014), “Pembuatan dan Karakterisasi Bioplastik Limbah Biji Mangga dengan Penambahan Selulosa dan Gliserol”, *Indonesian Journal of Chemical Science*, Vol. 3, No. 2, hal 157-162.
- Thomas, A., Matthaus, B., dan Fiebig, H.J. (2015). “Fats and Fatty Oils” dalam *Ullmann's Encyclopedia of Industrial Chemistry*, Wiley-VCH, Weinheim, hal. 1–84.
- Tongdeesoontorn, W., Mauer, L.J., Wongruong, S., Sriburi, P., dan Rachtanapun, P. (2011), “Effect Of Carboxymethyl Cellulose Concentration on Physical Properties of Biodegradable Cassava Starch-Based Films”, *Chemistry Central Journal*, Vol. 5, No. 6
- Vieira, M.G.A., Altenhofen da Silva, M., Oliveira dos Santos, L., dan Beppu, M.M., (2011), “Natural-based Plasticizers and Biopolymer Films: a Review”. *European Polymer Journal*, Vol. 47, hal. 254-263.
- Wahyuningtyas, M., (2015), *Pembuatan dan Karakterisasi Film Pati Kulit Ari Singkong/Kitosan dengan Plasticizer Asam Oleat*, skripsi, Institut Teknologi Sepuluh Nopember, Surabaya.
- Wypych, G., (2017), *Handbook of Plasticizers*, 3rd edition, ChemTec Publishing, Toronto.
- Zhang, Z., Ortiz, O., Goyal, R., dan Kohn, J., (2014), “Biodegradable Polymers” dalam *Handbook of Polymer Applications in Medicine and Medical Devices*, Elsevier Inc, hal. 303–3