DAFTAR PUSTAKA

[1] E. Kamsiati, H. Herawati, dan E. Y. Purwani, "Potensi Pengembangan Plastik Biodegadable Berbasis Pati Sagu dan Ubi Kayu di Indonesia", *Jurnal Penelitian dan Pengembangan Pertanian*, vol.36, no. 2, p.67, Desember, 2017, doi:1021082/jp3.v36n2.2017.p67-76.

[2] S. Suryati, M. Meriatna, dan M. Marlina, "Optimasi Proses Pembuatan Bioplastik Dari Pati Limbah Kulit Singkong", *Jurnal Teknologi Kimia Unimal*, vol. 5, no. 1, p. 78, 2017, doi: 10.29103/jtku.v5i1.81.

[3] R. K. Dewi, M. H. Bintoro, dan D. Sudradjat, "Karakter Morfologi dan Potensi Produksi Beberapa Aksesi Sagu (Metroxylon spp.) di Kabupaten Sorong Selatan, Papua Barat", *Jurnal Agonomi Indonesia (Indonesian J. Agon.*, vol. 44, no. 1, p. 91, 2016, doi: 10.24831/jai.v44i1.12508).

[4] P. Coniwanti, L. Laila, dan M. R. Alfira, "Pembuatan Film Plastik Biodegedabel Dari Pati Jagung Dengan Penambahan Kitosan Dan Pemplastis Gliserol", *Jurnal Teknik Kimia*, vol. 20, no. 4, pp. 22–30, 2014.

[5] H. Abral, *et al.*, "Anti-UV, antibacterial, strong, and high thermal resistant polyvinyl alcohol/Uncaria gambir extract biocomposite film", *Journal of Materials Research and Technology*, pp. 2193–2202, 2022.

[6] R. Gitawati, *et.al.*, "Characterization of Three Types Gambir Extract From Sumatera Barat", *Jurnal Buletin Penelitian Kesehatan*, pp. 201–208, 2012.

[7] H. Ismail, "Effects of Poly(vinyl alcohol) on the Perfomance of Sago Starch Plastic Films", *Jurnal of Vinyl and Technology*, vol.20, issue 2, p.72-79, April, 2014, doi: 10.1002/vnl.21348.

[8] Muhammad Ikhsan, "Kekuatan Tarik dan Diskolorisasi Film *Polyvinyl Alcohol*", *Skripsi, Universitas Andalas*, 2021.

[9] B. A. Harsojuwono dan I. W. Arnata, *Teknologi Polimer Industri Pertanian*, Malang, Intimedia, March. 2017.

[10] A. Rian, "Pemanfaatan Pati Umbi Garut untuk Pembuatan Plastik Biodegadable", *Skripsi, Depok Universitas Indonesia*, 2021.

[11] J. F. Cheng F, "Boron-containing polymers as versatile building blocks for functional nanostructured materials", *Polymer Chemistry*, Issue 10, pp. 2122–2132, 2011.

[12] B. S. Abdullah ZW, Dong Y, Davies IJ, "PVA, PVA Blends and Their Nanocomposites for Biodegadable Packaging Application", *Polymer Plastic Technology and Engineering*, 56(12):1307-1344, January, 2017.

[13] H. Azmi, "Pengaruh Penambahan Serat Ijuk Termodifikasi dan Plasticizer Gliserol Terhadap Karakteristik Bioplastik dari Pati Biji Alpukat (Persea Americana Mill)", *Skripsi, Universitas Sumatra Utara*, 2017.

[14] Sanjaya, I.G. dan T. Puspita, "Pengaruh Penambahan Kitosan dan Plasticizer Gliserol pada Karakteristik Plastik Biodegadable dari Pati Limbah Kulit Singkong", *Jurusan Teknik Kimia, Fakultas Teknik Industri, Institut Teknologi Sepuluh November*, pp.1-6, 2011.

[15] T. Jamal, *et.al.*, "Mechanical Performances of Arrowroot (Maranta Arundinacea) Starch Based Biopolymer Composites", *Journal of Natural Fibers*, January, 2022.

[16] G. M. Glenn, *et.al.*, "Starch Plastic Packaging and Agiculture Applications", *Starch Polymers*, March, 2014. doi: 10.1016/B978-0-444-53730-0.00032-4.

[17] W. Cheng, *et.al.*, "Impact of ultrasonic treatment on properties of starch film-forming dispersion and the resulting films", *Carbohydrat Polymers.*, vol. 81, no. 3, pp. 707–711, 2010, doi: 10.1016/j.carbpol.2010.03.043.

[18] U. Shah, *et.al.*, "Art and Science behind Modified Starch Edible Films and Coatings: A Review", *Comprehensive Reviews in Food Scence and Food Safety*, vol. 15, no. 3, pp. 568–580, 2016, doi: 10.1111/1541-4337.12197.

[19] K. Imam Rohmat, *et. al.*, "Analisis Holding Time Time Weld Heat Treatment (PWHT) pada Pengelasan Material SA-213 Gade T91 dengan SA-213 Gade T22 terhadap Sruktur Mikro dan Kekerasan", *Jurnal Rekayasa Mesin*, vol.14, no.1, pp. 317–329, 2023, April, 2023, doi: 10.21776/jrm.v14i1.1304.

[20] B. Santoso, *et.al.*, "Interaksi pH dan Ekstrak Gambir pada Pembuatan Edible Film Anti Bakteri", *Agitech*, vol. 34, no. 01, pp. 8–13, 2014.