DAFTAR PUSTAKA

Abuarra, A., Hashim, R., Bauk, S., Kandaiya, S., & Tousi, E. T. (2014). Fabrication and characterization of gum Arabic bonded Rhizophora spp. particleboards. *Materials and Design*, *60*, 108–115. https://doi.org/10.1016/j.matdes.2014.03.032

Agus, J., Ramadhani, S., Putri,), Sabrini, N., Rizkywulandari, D., Zuhrah,), Ruslan, A., & Fisika, J. (2023a). Pengembangan Biodegradable Foam Berbahan Dasar Pati dari Ekstrak Jagung dengan Penambahan Serat dari Pelepah Pisang. *Jurnal Chemica*, 78-86

Agus, J., Ramadhani, S., Putri,), Sabrini, N., Rizkywulandari, D., Zuhrah,), Ruslan, A., & Fisika, J. (2023b). Pengembangan Biodegradable Foam Berbahan Dasar Pati dari Ekstrak Jagung dengan Penambahan Serat dari Pelepah Pisang. *Jurnal Chemica*, 78-86

Akmala, A., & Supriyo, E. (2020). Optimasi Konsentrasi Selulosa pada Pembuatan Biodegradable Foam dari Selulosa dan Tepung Singkong (Vol. 01, Issue 1).

Annissa, Eka Mathofani, P., Suriani, S., Sakinah, A., & Polwandari, F. (2023). Factors Related to Using Styrofoam Containers for Food Packaging. *KnE Social Sciences*. https://doi.org/10.18502/kss.v8i14.13816

Bahri, S., Fitriani, & Jalaluddin. (2021). Pembuatan Biofoam dari Ampas Tebu dan Tepung Maizena. *Jurnal Teknologi Kimia Unimal*, *10(1)*, 24–32.

Billmeyer, F. W. Jr. (1971). Text Book of Polimer Science. In *John Willey and Sons Inc.,*.

Daud, A., (2020). Kajian Penerapan Faktor yang Mempengaruhi Akurasi Penentuan Kadar Air Metode Thermogravimetri. *Lutjanus, 24*(2),11-16 https://ppnp.e-journal.id/lutjanus_PPNP

Della Cornellia, A., Aqillafasya Ashifa, N., Churmelia, A. F., Sandy, Z., Al Fikri, R., & Radianto, D. O. (2023). Kombinasi Jerami Dan Ampas Tebu Sebagai Biofoam High Durability Dan Waterproof Dengan Metode Mixing Dan Molding. In *Jurnal Multidisiplin Ilmu* (Vol. 2, Issue 2).

Eka Arief Santoso, W., & Estiasih, T. (2014). Kopigmentasi Ubi Jalar Ungu (Ipomoea Batatas Var. Ayamurasaki) Dengan Kopigmen Na-Kaseinat Dan Protein Whey Serta Stabilitasnya Terhadap Pemanasan. *Jurnal Pangan Dan Agroindusti, 2(4),* 121-127.

Engel, J. B. , *et al*. (2020). Biofoams in food packaging applications: Current trends and future perspectives. *Food Research International*, 142.

English, A., & Food and Agriculture Organization of the United Nations. (2019). *Moving forward on food loss and waste reduction*, *25.*

Febriani, H., Imam, K., Kurnia, F., & Pangarso, Z. D. (2021). Pati Kulit Pisang Dan Selulosa Ampas Tebu. *Jurnal Ilmiah Penalaran dan Penelitian Mahasiswa, 5*(1),1-13.

Fithriani, D. , A. L. , & S. Z. A. (2017). Karakteristik dan model matematika kurva pengeringan rumput laut Eucheuma cottonii. *Jurnal Pascapanen Dan Bioteknologi Kelautan Dan Perikanan*, *11(2)*, 159–170.

Gabriel, A. A., & Afandi, L. R. P. (2022). Optimization of material formulation and process parameters in canna edulis starch-based biofoam synthesis. *IOP Conference Series: Earth and Environmental Science*, *1114*(1). https://doi.org/10.1088/1755-1315/1114/1/012097

Gabriel, A. A., Solikhah, A. F., Rahmawati, A. Y., Taradipa, Y. S., & Maulida, E. T. (2021). Potentials of Edible Canna (Canna edulis Kerr) Starch for Bioplastic: A Review. *Industria: Jurnal Teknologi Dan Manajemen Agroindustri*, *10*(2), 182–191. https://doi.org/10.21776/ub.industria.2021.010.02.9

Gafar, S. M., & Abdel-Kader, N. M. (2020). Dosimetric characteristics and applications of cross-linking and degradation of a natural biopolymer Gum Acacia. *Radiochimica Acta*, *108*(3), 223–229. https://doi.org/10.1515/ract-2019-3170

Hevira, L., Ariza, D., & Rahmi, A. (2021). Pembuatan Biofoam Berbahan Dasar Ampas Tebu Dan Whey. *Jurnal Kimia Dan Kemasan*, *43*(2), 75. https://doi.org/10.24817/jkk.v43i2.6718

Hosseini, S. F., Mousavi, Z., & McClements, D. J. (2023). Beeswax: A review on the recent progress in the development of superhydrophobic films/coatings and their applications in fruits preservation. In *Food Chemistry* (Vol. 424). Elsevier Ltd. https://doi.org/10.1016/j.foodchem.2023.136404

Ilyas Muharram, F. (2020). Penambahan Kitosan Pada Biofoam Berbahan Dasar Pati. *Edufortech,* 5(2), 118-127. http://ejournal.upi.edu/index.php/edufortech

Indarti, E., Muliani, S., & Yunita, D. (2023). Characteristics of Biofoam Cups Made from Sugarcane Bagasse with Rhizopus oligosporus as Binding Agent. *Advances in Polymer Technology*, 2023(1), 82257317 https://doi.org/10.1155/2023/8257317

Kaisangsri, N. , K. O. , & L. N. (2019). Characterization of cassava starch based foam blended with plant proteins, kraft fiber, and palm oil. *Industrial Crops and Products*, *134*, 203211.

Kilara, A., & Vaghela, M. N. (2017). Whey proteins. In *Proteins in Food Processing, Second Edition* (pp. 93–126). Elsevier. https://doi.org/10.1016/B978-0-08-100722-8.00005-X

Kohajdová, Z., & Karovičová, J. (2009). Application of hydrocolloids as baking improvers. In *Chemical Papers* (Vol. 63, Issue 1, pp. 26–38). https://doi.org/10.2478/s11696-008-0085-0

Krishnaiah, P. , R. C. T. , & M. S. (2017). Development of silane grafted halloysite nanotube reinforced polylactide nanocomposites for the enhancement of mechanical, thermal and dynamic-mechanical properties. *Applied Clay Science*, *135*, 583–596.

Kusuma, H. S., Permatasari, D., Umar, W. K., & Sharma, S. K. (2023). Sugarcane bagasse as an environmentally friendly composite material to face the sustainable development era. In *Biomass Conversion and Biorefinery*. Springer Science and Business Media Deutschland GmbH. https://doi.org/10.1007/s13399-023-03764-2

Lestari Berutu, F., Dewi, R., & Ginting, Z. (2022). Biofoam Berbahan Pati Sagu (Metroxylon Rumphii M) Dengan Bahan Pengisi (Filler) Serat Batang Pisang

Dan Kulit Pisang Menggunakan Metode Thermopressing. In *Chemical Engineering Journal Storage* (Vol. 2, Issue 1).

Mahmud, M. A., & Anannya, F. R. (2021). Sugarcane bagasse - A source of cellulosic fiber for diverse applications. In *Heliyon* (Vol. 7, Issue 8). Elsevier Ltd. https://doi.org/10.1016/j.heliyon.2021.e07771

Mariod, A. A. (2018). Functional Properties of Gum Arabic. In *Gum Arabic: Structure, Properties, Application and Economics* (pp. 283–295). Elsevier. https://doi.org/10.1016/B978-0-12-812002-6.00024-5

Marlina, R., Kusumah, S. S., Sumantri, Y., Syarbini, A., Cahyaningtyas, A. A., & Ismadi, I. (2021). Karakterisasi Komposit Biodegradable Foam Dari Limbah Serat Kertas Dan Kulit Jeruk Untuk Aplikasi Kemasan Pangan. *Jurnal Kimia Dan Kemasan*, *43*(1), 1. https://doi.org/10.24817/jkk.v43i1.6765

Maulani, E. (2021). Analisis Model TOPSIS Dalam Penentuan Kualitas Jalan. *Jurnal Sistem Informasi*, 139–151.

Mayer, S. , W. F. R. , & W. C. K. (2020). Starch-based particulate and cellular foams. *Molecules*, *25(15)*, 3386.

Mishra, P., Singh, U., Pandey, C. M., Mishra, P., & Pandey, G. (2019). Application of student's t-test, analysis of variance, and covariance. *Annals of Cardiac Anaesthesia*, *22*(4), 407–411. https://doi.org/10.4103/aca.aca_94_19

Nangin, D., & Sutrisno, A. (2015). Enzim Amilase Pemecah Pati dari Mikroba-Nangin, dkk. In *Jurnal Pangan dan Agroindustri* (Vol. 3).

Narayanan, M. , L. S. , V. R. B. , T. S. , & V. T. O. (2017). UV protective poly(lactic acid)/rosin films for sustainable packaging. *International Journal of Biological Macromolecules*, *99*, 37–45.

Nasirpour, N., Seyyed, &, & Mousavi, M. (2021). Effect of Particle Size in Polyethyltene Glycol-Assisted [BMIM][Cl] Pretreatment of Sugarcane Bagasse. *BioEnergy Research.* 1136–1146. https://doi.org/10.1007/s12155-020-10237-1/Published

Novianty, Puspita, E., Suminah, Arsyad, F. S., & Idha Royani. (2022). Biodegradable Foam (Bio-foam) from Banana Weevil as an Environmentally Friendly Styrofoam Generation. *Gravitasi*, *21*(2), 44–48. https://doi.org/10.22487/gravitasi.v21i2.15874

Nurdin, A., Setiasih, I. S., & Djali, M. (2017). Pengaruh Pengeringan Ampas Tahu Terhadap Karakteristik Fisik dan Kimia Tepung Ampas Tahu Drying Effect of Tofu Dregs on Physical and Chemical Characteristics of Tofu Dregs Flour. *Jurnal Penelitian Pangan*, *2*(1).

Rodrigues, N. H. P., de Souza, J. T., Rodrigues, R. L., Canteri, M. H. G., Tramontin, S. M. K., & de Francisco, A. C. (2020). Starch-based foam packaging developed from a by-product of potato industrialization (Solanum tuberosum L.). *Applied Sciences (Switzerland)*, *10*(7). https://doi.org/10.3390/app10072235

Ruscahyani, Y., Oktorina, S., & Hakim, A. (2021). Pemanfaatan Kulit Jagung Sebagai Bahan Pembuatan Biodegradable Foam. *Jurnal Teknologi Technoscientia*, *14 (1)*, 25–30.

Santoso, B., Pratama, F., Hamzah, B., Pambayun Program Studi Teknologi Hasil Pertanian, R., Teknologi Pertanian, J., Pertanian, F., Sriwijaya, U., Raya

Palembang-Prabumulih Km, J., Ilir, O., & Selatan, S. (2015). Karakteristik Fisik Dan Kimia Pati Ganyong Dan Gadung Termodifikasi Metode Ikatan Silang. In *Agritech* (Vol. 35, Issue 3).

Sari, G. F. (2022). The effect of proportion of ganyong starch and waste of straw rice on biodegradable foam production as sustainable packaging. *IOP Conference Series: Earth and Environmental Science*, *1041*(1). https://doi.org/10.1088/1755-1315/1041/1/012003

Sarlinda, F., Hasan, A., Ulma, Z., (2022). Pengaruh Penambahan Serat Kulit Kopi dan Polivinil Alkohol (PVA) terhadap Karakteristik Biodegradable Foam dari Pati Kulit Singkong. *Jurnal Pengendalian Pencemaran Lingkungan (JPPL)*, *4*(2).

Suci Anjarwati, M., Meidinariasty, A., Yerizam, M., Teknik Kimia Program Studi Teknologi Kimia Industri, J., & Negeri Sriwijaya Palembang, P. (2023). Sintesis Selulosa Asetat dari Ampas Tebu sebagai Bahan Baku Biodegradable Foam. *Jurnal Serambi Engineering* , *VIII*(4).

Suryana, D. , J. A. , & R. muhammad. (2018). Pengaruh Komposisis Komposit Serat-Serat Eceng Gondok dan Pasir Silika Terhadap Uji Impact dan Uji Tarik Untuk Point Panjat Dinding. *Jurnal Austenit*, *10 (2)*, 56–60.

Taheri-Garavanda, A. , R. S. , & K. A. (2011). Mathematical modeling of thin layer drying kineticsof tomato influence of air dryer conditions. *International Transaction Journal of Engineering,Management, & Applied Sciences & Technologies*, *2(2)*, 147–160.

Tanggasari, D., & Jatnika, A. R. (2023). Pengaruh Pengeringan Lapis Tipis Jagung (Zea mays L) sebagai Bahan Pakan dengan Suhu yang Berbeda. *Jurnal Keteknikan Pertanian Tropis Dan Biosistem*, *11*(1), 73–81. https://doi.org/10.21776/ub.jkptb.2023.011.01.07

Treinyte, J. (2018). Forestry wastes filled polymer composites for agricultural use. *Journal of Cleaner Production*, *205*, 388–406.

Utomo Nugroho, & Solin Dian Purnamawati. (2021). Bahaya Tas Plastik dan Kemasan Styrofoam. *Jurnal Abdimas Teknik Kimia*, *02*(2), 43–49.

Versino, F. , & G. M. A. (2018). Cassava (Manihot esculenta) starch films reinforced with natural fibrous filler. *Industrial Crops and Products*, *121*, 484–493.

Widiastuti, T., Marjunus, R., Riyanto, A., & Asmi, D. (2023). The Effect of Variation of Corn Comb Fiber Composition on The Physical Properties of Biofoam with The Addition of Aerogel Silica. In *Journal of Energy, Material, and Instrumentation Technology* (Vol. 4, Issue 2). https://jemit.fmipa.unila.ac.id/

Wulandari Putri, R., & Haryati, S. (2019). Pengaruh suhu karbonisasi terhadap kualitas karbon aktif dari limbah ampas tebu. In *Jurnal Teknik Kimia No. 1* (Vol. 25).

Yaruro Cáceres, N. C., Suarez Mahecha, H., de Francisco, A., Vásquez Mejia, S. M., & Diaz Moreno, C. (2021). Physicochemical, thermal, microstructural and paste properties comparison of four achira (*Canna edulis sp*.) starch ecotypes. *International Journal of Gastronomy and Food Science*, *25*. https://doi.org/10.1016/j.ijgfs.2021.100380

Zabot, G. L., Schaefer Rodrigues, F., Polano Ody, L., Vinícius Tres, M., Herrera, E., Palacin, H., Córdova-Ramos, J. S., Best, I., & Olivera-Montenegro, L. (2022). Encapsulation of Bioactive Compounds for Food and Agricultural Applications. In *Polymers* (Vol. 14, Issue 19). MDPI. https://doi.org/10.3390/polym14194194

Zhang, D. (2017). A Coefficient of Determination for Generalized Linear Models. *The American Statistician*, *71 (4)*, 310–316.