

## DAFTAR PUSTAKA

- [1] I. S. Aji, S. M. Sapuan, E. S. Zainudin, and K. Abdan, “KENAF FIBRES AS REINFORCEMENT FOR POLYMERIC COMPOSITES : A REVIEW,” vol. 4, no. 3, pp. 239–248, 2009.
- [2] R. A. Gross and B. Kalra, “Biodegradable Polymers for the Environment,” vol. 297, no. 4, pp. 803–808, 2002.
- [3] H. Abral, N. Fajri, M. Mahardika, D. Handayani, E. Sugiarti, and H. J. Kimd, “A simple strategy in enhancing moisture and thermal resistance and tensile properties of disintegrated bacterial cellulose nanopaper,” *J. Mater. Res. Technol.*, vol. 9, no. 4, pp. 8754–8765, 2020, doi: 10.1016/j.jmrt.2020.06.023.
- [4] H. Abral *et al.*, “Characterization of compressed bacterial cellulose nanopaper film after exposure to dry and humid conditions,” *J. Mater. Res. Technol.*, vol. 11, pp. 896–904, 2021, doi: 10.1016/j.jmrt.2021.01.057.
- [5] H. Abral, V. Lawrensius, D. Handayani, and E. Sugiarti, “Preparation of nano-sized particles from bacterial cellulose using ultrasonication and their characterization,” *Carbohydr. Polym.*, vol. 191, pp. 161–167, Jul. 2018, doi: 10.1016/j.carbpol.2018.03.026.
- [6] H. Suryanto, J. T. Mesin, F. Teknik, and U. N. Malang, “Analisis struktur serat selulosa dari bakteri,” vol. 3, 2017.
- [7] T. Saito and A. Isogai, “TEMPO-Mediated Oxidation of Native Cellulose . The Effect of Oxidation Conditions on Chemical and Crystal Structures of the Water-Insoluble Fractions,” pp. 1983–1989, 2004.
- [8] S. Wang *et al.*, “Transparent, Anisotropic Biofilm with Aligned Bacterial Cellulose Nanofibers,” *Adv. Funct. Mater.*, vol. 28, no. 24, pp. 1–10, 2018, doi: 10.1002/adfm.201707491.
- [9] U. Mulawarman, “Jurnal teknologi pertanian,” vol. 8, no. 2, 2013.
- [10] F. Esa, S. M. Tasirin, and N. Abd Rahman, “Overview of bacterial cellulose

production and application,” *Agric. Agric. Sci. Procedia*, vol. 2, pp. 113–119, 2014.

- [11] P. S. Kimia, J. Mipa, and F. Sains, “No Title,” vol. 8, no. 1, pp. 20–30, 2013.
- [12] Y. Chen, S. Chen, B. Wang, J. Yao, and H. Wang, “TEMPO-oxidized bacterial cellulose nanofibers-supported gold nanoparticles with superior catalytic properties,” *Carbohydr. Polym.*, vol. 160, pp. 34–42, 2017, doi: 10.1016/j.carbpol.2016.12.020.
- [13] R. Steadman, “Materials science,” *Phys. Educ.*, vol. 5, no. 2, pp. 70–71, 1970, doi: 10.1088/0031-9120/5/2/304.
- [14] American Society for Testing and Materials, “ASTM D638-14, Standard Practice for Preparation of Metallographic Specimens,” *ASTM Int.*, vol. 82, no. C, pp. 1–15, 2016, doi: 10.1520/D0638-14.1.
- [15] Huang, Chenghao et al., “TEMPO-oxidized bacterial cellulose nanofiber membranes as high-performance separators for lithium-ion batteries” *Carbohydrate Polymers*, 2020.