

DAFTAR PUSTAKA

- Abdullah N. A, K. Ahmad Sekak M. R. A, and T. J. Bustami Effendi. 2014. "Characteristics of Electrospun PVA-Aloe Vera Nanofibres Produced via Electrospinning." 2014(Ictefad):7–11.
- Alwan T. J, Ziad A. T, Muhsin A. Kudhier, and Kareema M. Ziadan. 2016. "Preparation and Characterization of the PVA Nanofibers Produced By Electrospinning Article Madridge Journal of Nanotechnology & Nanoscience Preparation and Characterization of the PVA Nanofibers Produced By Electrospinning." *Madridge Journal of Nanotechnology & Nanoscience* 1(January):1–3.
- Balan K.M, Sivanesan V, Moorthy N, Budhhan D, Jeyaseelan S, Sundaramoorthy S. 2016. "Effect of Thickness of Mat and Testing Parameters on Tensile Strength Variability of Electrospun Nanofibrous Mat." *Materials Today: Proceedings* 3(6):1320–29. Retrieved (<http://dx.doi.org/10.1016/j.matpr.2016.04.010>).
- Beswick R. H. D, Dunn A.G. D. J. 2002. *Natural and Synthetic Latex Polymers*. Ismithers Rapra Publishing.
- Chellamani, K. P., P. Sundaramoorthy, and T. Suresham. 2012. "Wound Dressing Made out of Poly Vinyl Alcohol / Chitosan Nanomembranes." 1(November):342–47.
- Dat AD, Poon F, Pham KBT, Doust J. 2012. "Aloe Vera for Treating Acute and Chronic Wounds." *Cochrane Database of Systematic Reviews* (2):CD008762.
- Deniz, Ali Ekrem. 2011. "Nanofibrous Nanocomposites via Electrospinning." *Department of Materials Science and Nanotechnology and the Institute of Engineering and Sciences* 84.
- Duhan J.S, Kumar R, Kaur P, Nehra K, Surekha. 2017. "Nanotechnology: The New Perspective in Precision Agriculture." *Biotechnology Reports* 15:11–23. Retrieved (<http://dx.doi.org/10.1016/j.btre.2017.03.002>).
- Furnawanthi. 2002. *Khasiat Lidah Buaya*. Kanisius. Jakarta
- Franco, Camilo A., Richard Zabala, and Farid B. Cortés. 2017. "Nanotechnology Applied to the Enhancement of Oil and Gas Productivity and Recovery of Colombian Fields." *Journal of Petroleum Science and Engineering*. Retrieved (<http://www.sciencedirect.com/science/article/pii/S092041051730565X>).
- Gaaz T.S, Sulong A.B, Akhtar M.N. Kadhum A.A, Mohamad A.B, Al-Amiery

- A.A. 2015. "Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites." *Molecules* 20(12):22833–47.
- Garimella, Roja and Adam E. M. Eltorai. 2017. "Nanotechnology in Orthopedics." *Journal of Orthopaedics* 14(1):30–33. Retrieved (<http://dx.doi.org/10.1016/j.jor.2016.10.026>).
- Glenn, Jerome C. 2006. "Nanotechnology: Future Military Environmental Health Considerations." *Technological Forecasting and Social Change* 73(2):128–37.
- Harper C.A, Petrie E. M, 2003. *Plastics Materials and Processes : A Concise Encyclopedia*. New York : Wiley
- Harsojo, Kuwat Triyana, and Harini Sosiati. 2013. "Studi Pembuatan PVA Nano Fiber Dengan Electrospinning." 16–19.
- Hodgkinson and Taylor. M. 2000. Thermoplastic Polyvinil Alcohol (PVOH). *Journal of materials world*. Vol 8, pp. 21-25
- Jiang, Lei, Xiao Ping Shen, Ji Li Wu, and Ke Cheng Shen. 2010. "Preparation and Characterization of Graphene/poly(vinyl Alcohol) Nanocomposites." *Journal of Applied Polymer Science* 118(1):275–79.
- Karakas, Hale. 2014. "Electrospinning of Nanofibers and Their Applications." 3:126–31.
- Kirk-Othmer. 1997. "Kirk-Othmer Encyclopedia of Chemical Technology." *Kirk-Othmer Encyclopedia of Chemical Technology* 24:233–50.
- Li, Dan and Younan Xia. 2004. "Electrospinning of Nanofibers: Reinventing the Wheel?" *Advanced Materials* 16(14):1151–70.
- Li, Zhenyu and Ce Wang. 2013. *Effects of Working Parameters on Electrospinning*.
- Lin C.A. and Ku T. H. 2008. Shear and elongation flow properties of thermoplastic polyvinil alcohol melts with different plasticizer contents and degrees of polymerization. *Journal of Materials Processing Technology* 200:331-338.
- Maenthaisong R, Chaiyakunapruk N, Niruntraporn S, Kongkaew C. The Efficacy of Aloe vera used for burn wound healing : A Systematic Riview. *Burns*. 2007;33:713-18
- Martin, C. R. 1995. "Template Synthesis of Electronically Conductive Polymer Nanostructures." *Acc. Chem. Res.* 28(25):61–68.

- Martínez-Pérez, Carlos A., Imelda Olivas-Armendariz, Javier S., and Perla E. 2011. "Scaffolds for Tissue Engineering Via Thermally Induced Phase Separation." *Advances in Regenerative Medicine*. Retrieved (<http://www.intechopen.com/books/advances-in-regenerative-medicine/scaffolds-for-tissue-engineering-via-thermally-induced-phase-separation>).
- Mendes, Ana C., Timm Strohmenger, Francisco Goycoolea, and Ioannis S. Chronakis. 2017. "Electrostatic Self-Assembly of Polysaccharides into Nanofibers." *Colloids and Surfaces A: Physicochemical and Engineering Aspects*. Retrieved (<http://linkinghub.elsevier.com/retrieve/pii/S0927775717306933>).
- Muhaimin, Muhammad, Wijayanti Dwi Astuti, Harini Sosiati, and Kuwat Triyana. 2014. "Fabrikasi Nanofiber Komposit Nanoselulosa / PVA Dengan Metode Electrospinning." *Prosiding Pertemuan Ilmiah HFI XXVIII* (April):62–65.
- Mutia, Theresia and Rifaida Eriningsih. 2012. "Penggunaan Webs Serat Alginat / Polivinil Alkohol Hasil Proses Elektrospining Untuk Pembalut Luka Primer." *Jurnal Riset Industri* VI(2):137–47.
- Nugraha A, Stikes K, Husada G, Andri N. 2017. "PENGARUH PEMBERIAN ALOE VERA PADA PASIEN LUKA BAKAR ‘ STUDI LITERATUR .’" (December 2015).
- Ogur E. 2005. Polyvinil Alcohol : Materials, Processing and Applications. Volume 16, Number 12, 2005. ISSN : 0889 - 3114.
- Ondarçuhu, T. and C. Joachim. 2007. "Drawing a Single Nanofibre over Hundreds of Microns." *Europhysics Letters (EPL)* 42(2):215–20.
- Pankaj, Sahu. (2013) Theurepeutic and Medicinal Uses of Aloe vera : A Riview. *Pharmacology & Pharmacy* 2013, 4, 599-610.
- Qin, Yimin. 2008. "Alginate Fibers: An Overview of the Production Processes and Applications in Wound Management." *Polymer International* 57(April):171–80. Retrieved (<http://onlinelibrary.wiley.com/doi/10.1002/pi.2098/full>).
- Ratnawati, Ayu, Djoni Izak R, and Adri Supardi. 2013. "Sintesis Dan Karakterisasi Kolagen Dari Teripang-Kitosan Sebagai Aplikasi Pembalut Luka."
- Sheftel O. V. 2008. *Inderect Food Additive and Polymers*. CRC Press LLC. Florida
- Steven, Malcolm. P. 2001. "Kimia Polimer". Diterjemahkan oleh Dr. Ir. Iis S.

Jakarta : Pradnya Paramita.

- Surjushe, Amar, Resham Vasani, and DG Saple. 2008. "Aloe Vera: A Short Review." *Indian Journal of Dermatology* 53(4):163.
- Thompson, C. J., G. G. Chase, A. L. Yarin, and D. H. Reneker. 2007. "Effects of Parameters on Nanofiber Diameter Determined from Electrospinning Model." *Polymer* 48(23):6913–22.
- Uslu, İbrahim, Selda Keskin, Ali Gül, Tutku Ceren Karabulut, and Mehmet Levent Aksu. 2010. "Preparation and Properties of Electrospun Poly(vinyl Alcohol) Blended Hybrid Polymer with Aloe Vera and HPMC as Wound Dressing." *Hacettepe Journal of Biology and Chemistry* 38(1):19–25.
- Yarin, A. L., S. Koombhongse, and D. H. Reneker. 2001. "Taylor Cone and Jetting from Liquid Droplets in Electrospinning of Nanofibers." *Journal of Applied Physics* 90(9):4836–46.
- Zahedi P, Iraj R, Seyed O.R.S, Seyed H.J, Pitt S. 2010. "A Review on Wound Dressings with an Emphasis on Electrospun Nanofibrous Polymeric Bandages." *Polymers for Advanced Technologies* 21(2):77–95.
- Zeng, Jun. 2011. "Non-Linear Electrohydrodynamics in Microfluidic Devices." *International Journal of Molecular Sciences* 12(3):1633–49.
- Zheng M. H, Y. Zhang, M. Kotaki, S. Ramakrish. 2007. A review on polymers nanofibers by electrospinning and their applications in nanocomposites. *Composites Science and Technology* 63. 2003. Pp 2223-2253