

DAFTAR PUSTAKA

- Abdullah, M., Khairurrijal, K. 2008. *Karakterisasi Nanomaterial*. Jurnal Nanosains & Nanoteknologi. 2(1) : 1-9.
- Abdullah, N. A., Sekak, K. A., Ahmad, M. R., Effendi, T. J. 2014. *Characteristics of Electrospun PVA-Aloe Vera Nanofibres Produced via Electrospinning*. ICTEFAD : 7–11.
- Alberty, Robert A., Daniels, F. 1992. *Kimia Fisika*. Jakarta : Erlangga
- Boudreau, M. D., Beland, F. A. 2007. *An evaluation of the biological and toxicological properties of Aloe Barbadosis (Miller), Aloe vera* . Journal of Environmental Science and Health, Part C. 24 (1) : 103-154.
- Chabala, L. F. G., Cuartas, C. E. E. Lopez, M. E. L. 2017. *Release Behavior and Antibacterial Activity of Chitosan/Alginate Blends with Aloe vera and Silver Nanoparticles*. Marine Drug. 15 (328).
- Deniz, Ali Ekrem. 2011. *Nanofibrous Nanocomposites via Electrospinning*. Department of Materials Science and Nanotechnology on Program of Graduate School of Engineering And Science of Bilkent University.
- Fatmadona, R., Oktarina, E. 2016. *Aplikasi Modern Wound Care Pada Perawatan Luka Infeksi Di Rs Pemerintah Kota Padang*. Ners Jurnal Keperawatan. 12 (2) : 159-165.
- Fitrianingsari, Churrotul M., Sholehah, Atika Hanum F. 2013. *Lidah Buaya Dalam Hadits*. Melalui <<http://pdpiikotajogja.blogspot.com/2013/12/lidah-buaya-dalam-hadits.html>>[29/07/19].
- Fong, H., Chun, I., Reneker, D. H. 1999. *Beaded Nanofibers Formed During Electrospinning*. Polymer. 40 (16) : 4585-4592.
- Garg, T., Rath, G., Goyal, A. K. 2015. *Biomaterials-based nanofiber scaffold: targeted and controlled carrier for cell and drug delivery*. Journal of Drug targeting. 23 (3) : 202-221.
- Hamman, Josias, H. 2008. *Composition and Applications of Aloe vera Leaf Gel*. Molecules. 13 (8) : 1599-1616.
- Hikmawati, D., Rohmadanik, A. R., Putra, A. P., Aminatun. 2018. *The Effect of Aloe vera Extract Variation in Electrospun Polyvinyl Alcohol (PVA)-Aloe vera-Based Nanofiber Membrane*. Journal of Physics. 1120 (1).
- Huang, Z. -M., Zhang, Y. -Z., Kotaki, M., Ramakrishna, S. 2003. *A review on polymer nanofibers by electrospinning and their applications in*

- nanocomposites*. Composites Science and Technology. 63 (15) : 2223–2253
- Isfahani, F. R., Tavanai, H., Morshed, M. 2016. *Release of Aloe vera from Electrospun Aloe Vera-PVA Nanofibrous Pad*. Fibers and Polymers. 18 (2) : 265.
- Lin, Chin-An., Ku, Te-Hsing. 2008. *Shear and elongation flow properties of thermoplastic polyvinyl alcohol melts with different plasticizer contents and degrees of polymerization*. Journal of Materials Processing Technology. 200 (1-3) : 331-338.
- Miguel, S. P., Ribeiro, M. P., Coutinho, P., Correia, I.J. 2017. *Electrospun Polycaprolactone/aloe Vera_Chitosan Nanofibrous asymmetric membranes aimed for wound healing applications*. Polymers. 9 (5) : 183.
- Muhaimin, M., Wijayanti, D.A., Sosiati, H. 2014. *Fabrikasi Nanofiber Komposit Nanoselulosa / PVA Dengan Metode Electrospinning*. Prosiding Pertemuan Ilmiah XXVIII HFI Jateng & DIY : 62-65.
- Naseri-Nosar, M., Farzamfar, S., Salehi, M., Vaez, A., Tarejian, R., Azami, M. 2017. *Erythropoietin/aloe vera-releasing wet-electrospun polyvinyl alcohol/chitosan sponge-like wound dressing: In vitro and in vivo studies*. Journal of Bioactive and Compatible polymers. 1 (13).
- Park, J. Y., Lee, I. H., Bea, G. N. 2008. *Optimization of The Electrospinning Conditions for Preparation of Nanofibers from Polyvinylacetate (PVAc) in Ethanol Solvent*. Journal of Industrial and Engineering Chemistry. 14 (6) : 707-713.
- Prasetyo, E.A. 2005. *Keasaman Minuman Ringan Menurunkan Kekerasan Permukaan Gigi*. Majalah Kedokteran Gigi Dental Journal. 38 (2) : 60-63
- Pudjiastuti, W., Listyarini, A., Arianita C, A., Supeni, G. 2016. *Sifat Mekanik dan Sifat Barrier Campuran Polivinil Alkohol dan Kitosan*. Jurnal Sains Materi Indonesia. 17 (3) : 97-101.
- ^(a)Sosiati H., Fatihah, W. N., Yusmaniar, Rahman, M. B. N. 2018. *Characterization of the Properties of Electrospun Blended Hybrid Poly(Vinyl Alcohol)_Aloe Vera/Chitosan Nano-Emulsion Nanofibrous Membranes*. Key Engineering Materials. 792 : 74-79
- ^(b)Sosiati, H., Muhaimin, M., Abdilah, P., Wijayanti, D.A., Harsojo, Triyana, K. 2014. *Effect of the chemical treatments on the characteristics of natural cellulose*. AIP Conference Proceedings. 1617 : 105-108.
- ^(c)Sosiati, H., Widodo, A. N., Nugroho, A. W. 2018. *The Influence of Aloe Vera Concentration on Morphology and Tensile Properties of Electrospun Aloe Vera -Pva Nanofiber*. Jurnal Sains Materi Indonesia. 19 (4) : 157-162.

- Thompson, C. J., Chase, G. G., Yarin, A. L., Reneker, D.H. 2007. *Effects of Parameters on Nanofiber Diameter Determined from Electrospinning Model*. Polymer 48 (23) : 6913-6922.
- Uslu, I., Keskin, S., Gul, A., Karabulut, T.C., and Aksu, M.L. 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.
- Zheng, H., Du, Y., Yu, J., Huang, R. and Zhang, L. 2001. *Preparation and characterization of chitosan/poly (vinyl alcohol) fibers*. Journal of Applied Polymer Science. 80 (13) : 2558-2565.