

DAFTAR PUSTAKA

- Angammana, C.J., Jayaram, S.H., 2011. *Analysis of the Effects of Solution Conductivity on Electrospinning Process and Fiber Morphology*. IEEE Transactions on Industry Applications 47, 1109–1117.
- Biazar, E. 2015. “*Design of Electrospun Poly Vinyl Alcohol / Chitosan Scaffold and Its Cellular Study*”. Journal of Paramedical Sciences (JPS), Islamic Azad University, Tonekabon, Iran. 6: 46–51.
- Callister, W.D., 2007, *Materials Science and Engineering: An Introduction*, John Wiley and Sons, United States of America. 523-576
- Cao, G., 2004. *Nanostructures and Nanomaterials : Synthesis, Properties and Applications*. London: Imperial College Press. 126 (44)
- Ding, B., Kim, H., Lee, S., Lee, D., dan Choi, K., 2002, *Preparation and Characterization of Nanoscaled Poly(vinyl Alcohol) Fibers via Elektrospinning*, Fibers and Polymers, Vol.3, No.2 : 73-9.
- Ebewele, R.O., 2000, *Polymer Science and Technology*, CRC Press, New York. Chapter 2. 33-72
- Editor, S., dan Lockwood, D.J., 2014, *Electrospun Nanofibers for Energy and Environtmental Applications*, Springer, Berlin-Heidelberg. 6-11
- Fried, J.R., 2014, *Polymer Science and Technology*: Third Edition, Pearson Education, Inc., United States of America. 25-66
- Gou-en, S., Hong, T., Chun-ling, Z., Yan-li, D., Yi, L., 2010. *Preparation of Ultrafine Water-soluble Polymers Nanofiber Mats via Electrospinning* 26, 318–322.
- Harsojo, Kuwat Triyana, and Harini Sosiati. 2013. “Studi Pembuatan PVA Nano Fiber Dengan Electrospinning.” 16–19.
- Khan, W.S., Asmatulu, R., Ceylan, M., Jabbarnia, A., 2013. *Recent Progress on Conventional and Non-Conventional Electrospinning Processes*. Fibers and Polymers 14, 1235–1247.
- Korkut, S., Saville, D.A., Aksay, I.A., 2008. *Enhanced Stability of Electrohydrodynamics Jets through Gas Ionization*. Phys. Rev. E 100, 034503.
- Liang D, Hsiao BS, Chu B. 2007. *Functional electrospun nanofibrous scaffolds for biomedical applications*. Adv Drug Deliv Rev 2007;59:1392–412.

- Li, D., Xia, Y., 2004. *Electrospinning of Nanofibers: Reinventing the Wheel?* 1151–1170.
- Li, J., Gao, F., Liu, L.Q., dan Zhang, Z., 2013, *Needleless Electrospun Nanofibers used for Filtration of Small Particles*, Express Polymer Letters, Vol.7, No.8:683-9.
- Marchand, A., Wijs, J.H., Snoeijer, J.H., Andreotti, B., 2011. *Why is surface tension a force parallel to the interface?* American Journal Physics 79, 999–1008.
- 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.
- Nugroho, A.W., Sholeh, I.N., Sosiati, H., *The effect of snail mucin (achatina fulica) concentration on morphology and tensile properties of pva/snail mucin nanofiber membrane* (to be published).
- Ramakhrisna, S., Fujihara, K., Teo, W. E., Lim, T. C., dan Ma, Z., 2007, *An Introduction to Electrospinning and Nanofibers*, World Scientific Publishing, London.Vol.19 No.3
- Rosic, R., Pelipencko, J., Kristi, J., Kockbek, P., dan Rogac, M. B., 2013, *Physical Characteristics of Poly(vinyl Alcohol) Solutions in relation to Electrospun Nanofiber Formation*, European Polymer Journal 49: 290-8.
- Rwei, S.P., dan Huang, C.C., 2012, *Electrospinning PVA Solution-Rheology and Morphology Analyses*, Fibers and Polymers, Vol.13, No.1, 44-50.
- Sen, A.K., Darabi, J., Knapp, D.R., Liu, J., 2006. *Modeling And Characterization of a Carbon Fiber Emitter for Electrospray Ionization*. Journal of Micromechanics and Microengineering 16, 620–630.
- Subbotin, A., Stepanyan, R., Chiche, A., Slot, J.J.M., Brinke, G. ten, 2013. *Dynamics of an Electrically Charged Polymer Jet*. Physics of Fluids 25, 103101.
- Sousa, A.M.M., Souza, H.K.S., Uknalis, J., Liu, S. C., Goncalves, M. P., dan Liu, L., 2015, *Electrospinning of Agar/PVA Aqueous Solutions and its relation with Rheological Properties*, Carbohydrate Polymers, 115: 348-55.
- Sosiati, H., Widodo,A.N., Nugroho, A.W., *Morphology and Tensile Properties of Aloe Vera/PVA Nanofiber Membranes* (to be published)

- 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: 6913-6922.
- Um, I.C., Fang, D., Hsiao, B.S., Okamoto, A., Chu, B., 2004. *Electrospinning and electro-blowing of hyaluronic acid*. Biomacromolecules 5, 1428–1436.
- Viswanath, D.S., Ghosh, T.K., Prasad, D. H. L., Dutt, N. V. K., dan Rani, K. Y., 2007, *Viscosity of Liquids : Theory, Estimation, Experiment, and Data* Springer, Netherlands. 109-133
- Vrieze, S.D., Camp, T.V., Nelvig, A., Hagstrom, B., 2009. *The effect of temperature and humidity on electrospinning*. J Mater Sci 44, 1357–1362.
- Wang, H.-S., Fu, G.-D., Li, X.-S., 2009. *Functional Polymeric Nanofibers from Electrospinning. Recent Patents on Nanotechnology* 3, 21–31.
- Ziani, K., Henrist, C., Jérôme, C., Aqil, A., Maté, J.I., Cloots, R., 2011a. *Effect of nonionic surfactant and acidity on chitosan nanofibers with different molecular weights*. Carbohydrate Polymers 83, 470–476.