

DAFTAR PUSTAKA

- Adeli, Hassan, Mohammad Taghi Khorasani, dan Mahmoud Parvazinia. 2019. "Wound dressing based on electrospun PVA/chitosan/starch nanofibrous mats: Fabrication, antibacterial and cytocompatibility evaluation and in vitro healing assay." *International Journal of Biological Macromolecules* 122: 238–54. <https://doi.org/10.1016/j.ijbiomac.2018.10.115>.
- Adnan, Mariyam, dan J. Jeyakodi Moses. 2019. *Functional Textiles and Clothing A Study on the Efficiency of Lavender Microcapsules on Silk/Lyocell Blended Fabrics*.
- Ahmed, Rashid dkk. 2018. "Novel electrospun chitosan/polyvinyl alcohol/zinc oxide nanofibrous mats with antibacterial and antioxidant properties for diabetic wound healing." *International Journal of Biological Macromolecules* 120: 385–93. <https://doi.org/10.1016/j.ijbiomac.2018.08.057>.
- Amanda, Fiqrah Rezeki. 2014. "Efektifitas ekstrak Bawang dayak (*Eleutherine palmifolia* (L.) Merr.) Dalam Menghambat Pertumbuhan Bakteri *Escherichia coli*." *Repository.UINJKT*: 1–45.
- Anggowarsito, Jose L. 2014. "Luka Bakar Sudut Pandang Dermatologi." *Jurnal Widya Medika* 2(2): 115–20. <http://journal.wima.ac.id/index.php/JWM/article/view/852>.
- Ariningsih, Ening. 2016. "Prospek Penerapan Teknologi Nano dalam Pertanian dan Pengolahan Pangan di Indonesia." *Forum penelitian Agro Ekonomi* 34(1): 1.
- Bunaciu, Andrei A., Vu Dang Hoang, dan Hassan Y. Aboul-Enein. 2015. "Applications of FT-IR Spectrophotometry in Cancer Diagnostics." *Critical Reviews in Analytical Chemistry* 45(2): 156–65.
- Cui, Zhixiang dkk. 2018. "Electrospinning and crosslinking of polyvinyl alcohol/chitosan composite nanofiber for transdermal drug delivery." *Advances in Polymer Technology* 37(6): 1917–28.
- Darmawan, Muhamad, dan Yennie Dan Singgih Wibowo. 2016. "Karakteristik Serat Nano Komposit Kitosan-Polivinil Alkohol (Pva) Dari Cangkang Rajungan Melalui Proses Electrospinning Production of Chitosan-Polyvinyl Alcohol (PVA) Composite Nanofiber by Electrospinning Method." *Jurnal Pascapanen dan Bioteknologi Kelautan dan Perikanan* 11(2): 213–22.
- Ervina Diah Ariyanti, Azmi Alvian Gabriel, Eka Lutfi Septiani, Defi Nur Indahsari. 2019. "Studi Potensi Sifat Anti-Bakteri Pada Nanofiber Binahong Dengan Menggunakan Metode Electrospinning." *Saintek ITM* 32(2).
- Fredzman. 2021. "Material Teknik Hospitality Textil (Tekstil Medis)." <https://www.slideshare.net/FredzmanM/material-teknik-hospitality-textil-tekstil-medis-249205528> (Mei 31, 2022).
- Hendrawati, T. Y. 2015. "Aloe vera powder properties produced from aloe chinensis baker, Pontianak, Indonesia." *Journal of Engineering Science and Technology* 10(January 2015): 47–59.
- Herda Ariyani, Muhammad Nazemi, Hamidah, Mita Kurniati. 2018. "Uji Efektivitas

Antibakteri Ekstrak Kulit Limau Kuit (*Cytrus hystrix* DC) TERHADAP BEBERAPA BAKTERI (The effectiveness of antibacterial the citrus lime peel extract (*Citrus hystrix* DC) of some bacteria).” 2(1): 136–41.

Hikmawati, D. dkk. 2018. “The Effect of *Aloe vera* Extract Variation in Electrospun Polyvinyl Alcohol (PVA)-*Aloe vera*-Based Nanofiber Membrane.” *Journal of Physics: Conference Series* 1120(1). <https://www.slideshare.net/FredzmanM/material-teknik-hospitality-textil-tekstil-medis-249205528>.

Kartika, Mardiyah Kurniasih. Dwi. 2009. “Aktivitas Antibakteri Kitosan Terhadap S.AUREUS.” 2(5): 255.

Krisnandika, Vania Elita. 2017. “Produksi nanofiber dan aplikasinya dalam pengolahan air.” *Bandung Institute of Technology* (December).

Kurniawan, Dwi Fajar. 2019. “Analisa Scanning Electron Microscopy (SEM) Pada Penyambungan Plat (Al-Al) (Cu-Al) (Cu-CuZn) Menggunakan Metode Friction Stir Welding Single Side.” : 1–19.

Litani-Barzilai, Iris dkk. 1997. “On-line remote prediction of gasoline properties by combined optical methods.” *Analytica Chimica Acta* 339(1–2): 193–99.

Maenthaisong, Ratee, Nathorn Chaiyakunapruk, Surachet Niruntraporn, dan Chuenjid Kongkaew. 2007. “The efficacy of *Aloe vera* used for burn wound healing: A systematic review.” *Burns* 33(6): 713–18.

Marno, Marno, Eri Widiyanto, Jojo Sumarjo, dan Aa Santoso. 2018. “Perancangan dan Pengembangan Sistem Electrospinning sebagai Teknologi dalam Pembuatan Nanofiber.” *INVOTEK: Jurnal Inovasi Vokasional dan Teknologi* 18(2): 101–8.

Mubarok, Fatkhah Muflikh. 2020. “Skripsi rancang bangun alat electrospinning dengan metode pembebanan massa untuk aplikasi pembuatan serat nano.”

Nather, Aziz. 2005. *Bone Grafts and Bone Substitutes*.

Nicolet, Thermo, Mohamed A. Ganzoury, Nageh K. Allam, dan Corporation All. 2001. “Introduction to Fourier Transform Infrared Spectrometry.” *Introduction to Fourier Transform Infrared Spectrometry* 50: 1–8. <http://mmrc.caltech.edu/FTIR/FTIRintro.pdf%5Cnhttp://dx.doi.org/10.1016/j.rser.2015.05.073>.

Noor, Ilhamsyah. 2010. “Isolasi Dan Karakterisasi β -Glukan Dari Tubuh Buah Jamur Tiram Putih (*Pleurotus ostreatus*) dengan Metode Spektroskopi UV-Visibel dan FTIR.” : 1–60.

Novyana, R M, dan Susanti. 2016. “Lidah Buaya (*Aloe vera*) untuk Penyembuhan Luka.” *Jurnal Kedokteran Universitas Lampung* 5: 149–53.

Ohkawa, Kousaku dkk. 2004. “Electrospinning of chitosan.” *Macromolecular Rapid Communications* 25(18): 1600–1605.

Pamela, Vega Yoesepa, Rizal Syarif, Evi Savitri Iriani, dan Nugraha Edhi Suyatma. 2017. “Karakteristik Mekanik, Termal Dan Morfologi Film Polivinil Alkohol Dengan Penambahan Nanopartikel ZnO Dan Asam Stearat Untuk Kemasan Multilayer.” *Jurnal Penelitian Pascapanen Pertanian* 13(2): 63.

Puji, Oleh, dan Uning Budiharti. 2006. “Berjuta Manfaat Lidah Buaya.” *Tabloid*

Sinar Tani: 2006.

“Scanning Electron Microscopy (SEM) | Material Cerdas Indonesia.”
<https://materialcerdas.wordpress.com/teori-dasar/scanning-electron-microscopy/> (April 4, 2022).

Sciences, Health. 2016. “Lidah buaya (*Aloe vera*).” 4(1): 1–23.

Setiabudi, Agung Wijaya. 2008. “Lidah Buaya.” : 0–4.
<https://soulkeeper28.wordpress.com/>.

Sun, Guiru, Liqun Sun, Haiming Xie, dan Jia Liu. 2016. “Electrospinning of nanofibers for energy applications.” *Nanomaterials* 6(7).

Susanti, Perintis Gita, dan Sari Edi Cahyaningrum. 2022. “Karakterisasi dan Uji Efektivitas Sediaan Gel *Aloe vera* Kombinasi Kitosan sebagai Antibakteri *Staphylococcus aureus* Characterization and Effectiveness Test Gel of *Aloe vera* Combination Chitosan as *Staphylococcus aureus* Antibacterial Key words : chitosan ,.” 11(1): 26–33.

Suseno, Jatmiko Endro, dan K Sofjan Firdausi. 2008. “Rancang Bangun Spektroskopi FTIR (Fourier Transform Infrared) untuk Penentuan Kualitas Susu Sapi.” *Berkala Fisika* 11(1): 23–28–28.

Thariq, M Reizal Ath, Ahmad Fadli, Annisa Rahmat, dan Rani Handayani. 2016. “Pengembangan Kitosan Terkini pada Berbagai Aplikasi Kehidupan: Review.” *Jurnal Teknologi Pangan* (October): Hal. 49-57.
<https://www.researchgate.net/publication/311806381>.

Uddin, Jamal. 2012. *Macro to Nano Specctroscopy*.
https://www.researchgate.net/publication/267459858_MACRO_TO_NANO_SPECTROSCOPY_Macro_to_Nano_Spectroscopy_Edited_by_Jamal_Uddin_Publishing_Process_Manager_Marina_Jozipovic_Technical_Editor_Teodora_Smiljanic_Cover_Designer_InTech_Design_Team.

Wahyudi, Tatang, dan Doni Sugiyana. 2011. “Pembuatan Serat Nano Menggunakan Metode.” *Arena Tekstil* 26(1): 29–34.

“WHO.” 2018. <https://www.who.int/news-room/fact-sheets/detail/burns> (Maret 2, 2022).

Zhao, Feng dkk. 2002. “Preparation and histological evaluation of biomimetic three-dimensional hydroxyapatite/chitosan-gelatin network composite scaffolds.” *Biomaterials* 23(15): 3227–34.