

## DAFTAR PUSTAKA

- Al-Tabbakh, A. A., Karatepe, N., Al-Zubaidi, A. B., Benchaabane, A., & Mahmood, N. B. (2019). Crystallite size and lattice strain of lithiated spinel material for rechargeable battery by X-ray diffraction peak-broadening analysis. *International Journal of Energy Research*, 43(5), 1903–1911. <https://doi.org/10.1002/er.4390>
- Ayu Suci Kinasih dan Iis Nurhasanah, D. (2020). *ESTIMASI UKURAN KRISTAL DAN PARAMETER ELASTISITAS NANOKRISTAL ZnO:Ce MENGGUNAKAN METODE SIZE-STRAIN PLOT*. 23(2), 56–62.
- Bósquez-Cáceres, M. F., Hidalgo-Bonilla, S., Córdova, V. M., Michell, R. M., & Tafur, J. P. (2021). Nanocomposite polymer electrolytes for zinc and magnesium batteries: From synthetic to biopolymers. *Polymers*, 13(24). <https://doi.org/10.3390/polym13244284>
- Chahal, R., Adnan, A., Reifsnider, K., Raihan, R., Wu, Y. T., Vadlamudi, V., & Elenchezian, M. R. P. (2018). Molecular dynamics for the prediction of the interfacial shear stress and interface dielectric properties of carbon fiber epoxy composites. *33rd Technical Conference of the American Society for Composites 2018*, 1, 193–208. <https://doi.org/10.12783/asc33/25919>
- Fatimah, S., Ragadhita, R., Fitria, D., Husaeni, A., Bayu, A., & Nandiyanto, D. (2022). Science and Engineering How to Calculate Crystallite Size from X-Ray Diffraction ( XRD ) using Scherrer Method. *ASEAN Journal of Science and Engineering*, 2(1), 65–76.
- Halliday, D., dan R. (1989). *Fundamentals of Physics, Ninth Edition*. John Wiley & Sons, Inc.
- Jodi, H., S. A. Z., Sudjatno, A., Wahyudianingsih, & Kartini, E. (2017). *Sintesis dan Kajian Perilaku Konduktivitas Komposisi Baru Elektrolit Padat (Li<sub>2</sub>O)<sub>x</sub>(P<sub>2</sub>O<sub>5</sub>)<sub>y</sub>*. 1–8.
- Kestur, U. S., Lee, H., Santiago, D., Rinaldi, C., Won, Y. Y., & Taylor, L. S. (2010). Effects of the molecular weight and concentration of polymer additives, and temperature on the melt crystallization kinetics of a small drug molecule. *Crystal Growth and Design*, 10(8), 3585–3595. <https://doi.org/10.1021/cg1004853>
- Koester, V. (2015). Plasticizers – Benefits, Trends, Health, and Environmental Issues. *ChemViews*, 1–9. <https://doi.org/10.1002/chemv.201500028>
- Komarov, V., Wang, S., & Tang, J. (2005). Permittivity and Measurements. *Exncyclopedia of RF and Microwave Engineering*, 43-0665-43-0665. <https://doi.org/10.5860/choice.43-0665>
- Madona, E. (2009). Analisis Karakteristik Material Menggunakan Paralel Plate

- Sample Holder Pada Broadband Dielektrik Spektrometer. *Elektron*, 1(2), 19–26.
- Mahatmanti, F. W., & Wahyuni, S. (2013). Pembuatan dan Karakterisasi Membran Hibrida Kitosan-Silika-PEG. *Sainteknol*, 11, 143–154.
- Mavračić, J., Mocanu, F. C., Deringer, V. L., Csányi, G., & Elliott, S. R. (2018). Similarity between Amorphous and Crystalline Phases: The Case of TiO<sub>2</sub>. *Journal of Physical Chemistry Letters*, 9(11), 2985–2990. <https://doi.org/10.1021/acs.jpclett.8b01067>
- Mehrdad Mehdizadeh. (2015). *Microwave/RF Applicators and Probes For Material Heating, Sensing, and Plasma Generation*.
- Parnasari, Nurhanisa, M., & Nugroho, B. S. (2022). Studi Kapasitansi dan Konstanta Dielektrik Pada Karbon Aktif Tandan Kosong Kelapa Sawit. *Prisma Fisika*, 10(1), 98–104.
- Purwamargapratala, Y., & Purnama, S. (2010). Regangan Kisi Dan Ukuran Butir Elektrolit Padat Komposit Alkali-Alumina. *Urania*, 16(2), 98–104.
- Putri, L. N., Alhakim, R. R., Ichwan, A. R. Al, & Dyartanti, E. R. (2020). Review : Separator Baterai Ion Litium Dengan Penambahan Filler Dalam Membran PVDF / Selulosa. *National Conference PKM Centre Sebelas Maret University*, 169–176.
- Sari, K. (2020). *Membran Polimer Elektrolit Nanopartikel Kitosan Hasil Milling Berbasis Lithium Triflat (LiCF<sub>3</sub>SO<sub>3</sub>)*.
- Sebastian, M. T. (2008). CHAPTER TWO - MEASUREMENT OF MICROWAVE DIELECTRIC PROPERTIES AND FACTORS AFFECTING THEM. In M. T. Sebastian (Ed.), *Dielectric Materials for Wireless Communication* (pp. 11–47). Elsevier. <https://doi.org/https://doi.org/10.1016/B978-0-08-045330-9.00002-9>
- Sentosa, H. E. (2021). *Pembuatan Material Piezoelektrik Bismuth Natrium Titanate-Strontium Titanate (BNT-ST) Doping Mn<sub>2</sub>O<sub>3</sub> Dengan Metode Solid State Reaction dan Karakterisasinya*.
- Shabir, Q., Pokale, A., Loni, A., Johnson, D. R., Canham, L. T., Fenollosa, R., Tymchenko, M., Rodríguez, I., Meseguer, F., Cros, A., & Cantarero, A. (2011). Medically Biodegradable Hydrogenated Amorphous Silicon Microspheres. *Silicon*, 3(4), 173–176. <https://doi.org/10.1007/s12633-011-9097-4>
- Sudaryanto, Yulianti, E., Dimyati, A., & Heri, J. (2012). Pengembangan elektrolit padat berbasis kitosan untuk baterai kendaraan listrik. *Prosiding InSiNas*, 35–41.

- Tobishima, S. (2009). Encyclopedia of Electrochemical Power Sources. *Encyclopedia of Electrochemical Power Sources*, 1, 409–417. <http://www.sciencedirect.com/science/article/pii/B978044452745500873X>
- Tomozawa, H. (2022). [Komentar Menyeluruh] Apa itu kehilangan transmisi, kehilangan dielektrik, dan garis singgung kehilangan dielektrik? <https://www.resonac.com/solution/tech/transmission-loss.html#sec2-1>
- Triwikantoro, & Fajarin, R. (2009). Pengaruh Elemen Pemadu pada Kestabilan Struktur Paduan Amorf Berbasis Zirkonium. *Prosiding Seminar Fisika Dan Aplikasinya 2009*.
- Wang, Q., Zhang, N., Hu, X., Yang, J., & Du, Y. (2008). Chitosan/polyethylene glycol blend fibers and their properties for drug controlled release. *Journal of Biomedical Materials Research - Part A*, 85(4), 881–887. <https://doi.org/10.1002/jbm.a.31544>
- Yulianti, E., Luthfiah, D., & Sudaryanto. (2017). Optimalisasi Konduktivitas Ionik Elektrolit Polimer Berbasis Komposit Kitosan-Zirkonia/Litium Perklorat dengan Penambahan Gliserol. 39(1), 1–8.

