

DAFTAR PUSTAKA

www.itk.ac.id

- Atina (2015) “Tegangan dan Kuat Arus Listrik dari Sifat Asam Buah,” *Sainmatika*, 12(2), pp. 28–42.
- Ayucitra, A. dkk. (2017) “*Preparation and characterisation of biosorbent from local robusta spent coffee grounds for heavy metal adsorption*,” *Chemical Engineering Transactions*, 56(2010), pp. 1441–1446. doi:10.3303/CET1756241.
- Barnthip, N. dkk. (2017) “*Elemental Composition and Crystal Phases of Carbonized Spent Coffee Grounds*,” *Applied Mechanics and Materials*, 866, pp. 172–175. doi:10.4028/www.scientific.net/amm.866.172.
- Biegun, M. dkk. (2020) “*Study of the active carbon from used coffee grounds as the active material for a high-temperature stable supercapacitor with ionic-liquid electrolyte*,” *Materials*, 13(18). doi:10.3390/MA13183919.
- Chiang, P.H. dkk. (2020) “*Coffee-Ground-Derived Nanoporous Carbon Anodes for Sodium-Ion Batteries with High Rate Performance and Cyclic Stability*,” *Energy and Fuels*, 34(6), pp. 7666–7675. doi:10.1021/acs.energyfuels.0c01105.
- Dattatraya Saratale, G. dkk. (2020) “*A review on valorization of spent coffee grounds (SCG) towards biopolymers and biocatalysts production*,” *Bioresource Technology*, 314(April), p. 123800. doi:10.1016/j.biortech.2020.123800.
- Energizer (2022) “*ENERGIZER E92 Datasheet*,” *Energizer*, pp. 1–2. Available at: <http://data.energizer.com/PDFs/E92.pdf>.
- Erviana, Y. dkk. (2020) “*Analisis Karakteristik Elektrik Onggok Singkong sebagai Pasta Bio-Baterai*,” *JOURNAL OF ENERGY, MATERIAL, AND INSTRUMENTATION TECHNOLOGY* [Preprint]. doi:10.23960/jtaf.v7i2.1982.
- www.itk.ac.id

- Gao, G. dkk. (2018) “*Pyrolytic carbon derived from spent coffee grounds as anode for sodium-ion batteries,*” *Carbon Resources Conversion*, 1(1), pp. 104–108. doi:10.1016/j.crcon.2018.04.001.
- al Haj, Y. dkk. (2022) “*Biowaste-derived electrode and electrolyte materials for flexible supercapacitors,*” *Chemical Engineering Journal*, 435(3). doi:10.1016/j.cej.2022.135058.
- Harahap, M.R. (2016) “*Sel Elektrokimia: Karakteristik dan Aplikasi,*” *CIRCUIT: Jurnal Ilmiah Pendidikan Teknik Elektro*, 2(1). doi:10.22373/crc.v2i1.764.
- Haryana, A. (2018) “*Pengembangan Pemanfaatan Biomassa sebagai Energi Terbarukan untuk Mencapai Bauran Energi Nasional yang Optimal,*” *Bappenas working Papers*, 1(1), pp. 55–65. Available at: <http://workingpapers.bappenas.go.id/index.php/bwp/article/view/9>.
- ICO (2021) “*World Coffee Consumption,*” *International Coffee Organization*, (August), p. 1. Available at: <https://www.ico.org>.
- Kamat, P. v. (2019) “*Absolute, Arbitrary, Relative, or Normalized Scale? How to Get the Scale Right,*” *ACS Energy Letters*, 4(8), pp. 2005–2006. doi:10.1021/acseenergylett.9b01571.
- Krikstolaityte, V. dkk. (2018) “*Conversion of spent coffee beans to electrode material for vanadium redox flow batteries,*” *Batteries*, 4(4), pp. 1–11. doi:10.3390/batteries4040056.
- Leng, Y. (2013) *Materials Characterization*. 2nd edn. Hong Kong: Wiley-VCH Verlag GmbH & Co.
- Luna-Lama, F. dkk. (2019) “*Non-porous carbonaceous materials derived from coffee waste grounds as highly sustainable anodes for lithium-ion batteries,*” *Journal of Cleaner Production*, 207, pp. 411–417. doi:10.1016/j.jclepro.2018.10.024.
- Mariana dkk. (2018) “*Activation and characterization of waste coffee grounds as bio-sorbent,*” *IOP Conference Series: Materials Science and Engineering*, 334(1). doi:10.1088/1757-899X/334/1/012029.

- Pinson, M.B. dan Bazant, M.Z. (2013) “*Theory of SEI Formation in Rechargeable Batteries: Capacity Fade, Accelerated Aging and Lifetime Prediction,*” *ECS Meeting Abstracts*, MA2013-01(7), pp. 405–405. doi:10.1149/ma2013-01/7/405.
- Polat, S. dan Sayan, P. (2020) “*Assessment of the thermal pyrolysis characteristics and kinetic parameters of spent coffee waste: a TGA-MS study,*” *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 00(00), pp. 1–14. doi:10.1080/15567036.2020.1736693.
- Revie, R.Winston. dan Uhlig, H.H. (2008) *Corrosion and corrosion control an introduction to corrosion science and engineering*. 4th edn. Hoboken New Jersey: John Wiley & Sons, Inc. doi:10.1136/bmj.288.6412.200.
- Selvaraj, M. dkk. (2015) “*Preparation of meta-stable phases of barium titanate by Sol-hydrothermal method,*” *AIP Advances*, 5(11). doi:10.1063/1.4935645.
- Serway, R.A. dan Jewett, J.W. (2014) *Physics for Scientists and Engineers with Modern Physics*. 9th edn. Boston: Brooks/Cole. Available at: <https://drive.google.com/file/d/0B3tL3esqtqcbLVNWUFBLTnp4bTg/view>
- Smith, B.C. (2011) *Fundamentals of Fourier Transform Infrared Spectroscopy*. 2nd edn. Boca Ranton: CRC Press. doi:<https://doi.org/10.1201/b10777>.
- Sofía Torres-Valenzuela, L., Andrea Serna-Jiménez, J. dan Martínez, K. (2020) “*Coffee By-Products: Nowadays and Perspectives,*” in *Coffee - Production and Research*. doi:10.5772/intechopen.89508.
- Susanti, I. dkk. (2019) “*Analisa Penentuan Kapasitas baterai Dan Pengisiannya Pada Mobil Listrik,*” *Elektra*, 4(2), pp. 29–37.
- Thowil Afif, M. dan Ayu Putri Pratiwi, I. (2015) “*Analisis Perbandingan Baterai Lithium-Ion, Lithium-Polymer, Lead Acid dan Nickel-Metal Hydride pada Penggunaan Mobil Listrik - Review,*” *Jurnal Rekayasa Mesin*, 6(2), pp. 95–99. doi:10.21776/ub.jrm.2015.006.02.1.

Tsai, S.Y. dkk. (2019) “Coffee grounds-derived carbon as high performance anode materials for energy storage applications,” *Journal of the Taiwan Institute of Chemical Engineers*, 97, pp. 178–188. doi:10.1016/j.jtice.2019.01.020.

Ul-Hamid, A. (2018) *A Beginners' Guide to Scanning Electron Microscopy*, *A Beginners' Guide to Scanning Electron Microscopy*. doi:10.1007/978-3-319-98482-7.

Yeşiltepe, S. dan Şeşen, M.K. (2020) “Production of composite pellets from waste coffee grounds, mill scale and waste primary battery to produce ferromanganese; a zero waste approach,” *Acta Metallurgica Slovaca*, 26(2), pp. 45–48. doi:10.36547/ams.26.2.540.

Zein, S.H., Gyamera, B.A. dan Skoulou, V.K. (2017) “Nanocarbons from acid pretreated Waste Coffee Grounds using microwave radiation,” *Materials Letters*, 193, pp. 46–49. doi:10.1016/j.matlet.2017.01.100.

Zhu, Z. dkk. (2014) “A high-energy-density sugar biobattery based on a synthetic enzymatic pathway,” *Nature Communications*, 5. doi:10.1038/ncomms4026.