

## DAFTAR PUSTAKA

- Abdullah, A., & Masthura, M. (2021). Pemanfaatan Sari Nenas Sebagai Sumber Energi Alternatif Pembuatan Bio-Baterai. *CIRCUIT: Jurnal Ilmiah Pendidikan Teknik Elektro*, 5(1),51. <https://doi.org/10.22373/crc.v5i1.8494>
- Abiddin, J. F. B. Z., & Ahmad, A. H. (2015). Conductivity study and fourier transform infrared (FTIR) characterization of methyl cellulose solid polymer electrolyte with sodium iodide conducting ion. *AIP Conference Proceedings*, 1674(September). <https://doi.org/10.1063/1.4928844>
- Anshar, A. N., Maulana, A., Nurazizah, S., Nurjihan, Z., Anggaeni, S., & Nandiyanto, A. B. D. (2021). Electrical Analysis of Combination of Orange Peel and Tamarind for Bio-battery Application as an Alternative Energy. *Indonesian Journal of Multidisciplinary Research*, 1(1), 125–128. <https://doi.org/10.17509/ijomr.v1i1.33793>
- Aristawati, R. W., Atmaka, W., & Muhammad, D. R. A. (2013). Substitusi Tepung Tapioka (*Manihot Esculenta*) Dalam Pembuatan Takoyaki Substitution Of Cassava Flour (*Manihot Esculenta*) In Making Takoyaki. *Jurnal Teknosains Pangan*, 2(1), 56–65. [www.ilmupangan.fp.uns.ac.id](http://www.ilmupangan.fp.uns.ac.id)
- Besli, M. M., Usubelli, C., Metzger, M., Pande, V., Harry, K., Nordlund, D., Sainio, S., Christensen, J., Doeff, M. M., & Kuppen, S. (2020). Effect of Liquid Electrolyte Soaking on the Interfacial Resistance of Li<sub>7</sub>La<sub>3</sub>Zr<sub>2</sub>O<sub>12</sub> for All-Solid-State Lithium Batteries. *ACS Applied Materials and Interfaces*, 12(18), 20605–20612. <https://doi.org/10.1021/acsami.0c06194>
- Bulathgama, A. U., Gunasekara, G. D. M., Wickramasinghe, I., & Somendrika, M. A. D. (2020). Development of Commercial Tapioca Pearls used in Bubble Tea by Microwave Heat–Moisture Treatment in Cassava Starch Modification. *European Journal of Engineering Research and Science*, 5(1), 103–106. <https://doi.org/10.24018/ejers.2020.5.1.1455>
- D, E. S., Yusuf, M., & Yarnika, D. (2018). Karakter Agonomi Beberapa Varietas Tomat (*Solanum lycopersicum*) Akibat Pemberian Ekstrak Lamtoro (*Leucaena leucocephala* L. ). *Jurnal Agium*, 11(2), 125. <https://doi.org/10.29103/agium.v11i2.617>
- Developments, R., Term, E., Topic, R., Number, T., Address, E., Leary, J., Number, T., & Address, E. (2011). *New course transmittal form part 1 : to be completed by the institution part 2 : to be completed by the faculty discipline Committee rePreSeNtative Recent Developments and Applications in Biosensors.*

- Fauzia, S., Ashiddiqi, M. A. H., & Khotimah, A. W. K. (2019). Fruit and Vegetables as a Potential Source of Alternative Electrical Energy. *Proceeding International Conference on Science and Engineering*, 2, 161–167. <https://doi.org/10.14421/icse.v2.77>
- Hafiza M.N.1 and Isa M.I.N. (2014). Ionic Conductivity and Conduction Mechanism Studies of CMC/ Chitosan Biopolymer Blend Electrolytes. *Research Journal of Recent Sciences Res.J.Recent Sci*, 3(11), 50–56. <http://www.isca.in/rjrs/archive/v3/i11/8.ISCA-RJRS-2014-839.pdf>
- Hoiriyah, Y. U. (2019). Peningkatan Kualitas Produksi Garam Menggunakan Teknologi Geomembran. *Jurnal Studi Manajemen dan Bisnis*, 6(2), 71–76. <https://doi.org/10.21107/jsmb.v6i2.6684>
- Irwan, F., & Afdal, A. (2016). Analisis Hubungan Konduktivitas Listrik Dengan Total Dissolved Solid (TDS) dan Temperatur Pada Beberapa Jenis Air. *Jurnal Fisika Unand*, 5(1),85–93. <http://jfu.fmipa.unand.ac.id/index.php/jfu/article/download/192/172>
- Jayashantha, N., Jayasuriya, K. D., & Wijesundera, R. P. (2012). Biodegradable plantain pith for galvanic cells. *Proceedings of The Technical Sessions*, 28, 92–99.
- Johansyah, A., Prihastanti, E., Kusdiyantini, E., Biologi, J., Sains, F., & Diponegoro, U. (2014). Pengaruh Plastik Pengemas Low Density Polyethylene (Ldpe), High Density Polyethylene (Hdpe) Dan Polipropilen (Pp) Terhadap Penundaan Kematangan Buah Tomat (*Lycopersicon esculentum*.Mill ). *Buletin Anatomi dan Fisiologi*, XXII(1), 46–57.
- Kamarudin, K. H., & Isa, M. I. N. (2013). Structural and DC Ionic conductivity studies of carboxy methylcellulose doped with ammonium nitrate as solid polymer electrolytes. *International Journal of Physical Sciences Full Length Research Paper*, 8(31),1581–1587. <https://doi.org/10.5897/IJPS2013.3962>
- Latjolai, M., & Auliyah, N. (2019). Kesesuaian Lahan Tambak Garam Di Desa Siduwonge Kecamatan Randangan Kabupaten Pohuwato. *Gorontalo Fisheries Journal\**, 2(1), 29–36.
- MA. Pahlevi. (2013). Karakteristik Baterai. *Politeknik Negeri Sriwijaya*, 1, 1–9.
- Masthura, M., & Jumiati, E. (2021). Pengaruh Variasi Volume Larutan Kulit Nenas Terhadap Sifat Kelistrikan Bio-Baterai. *Jurnal Ikatan Alumni Fisika*, 7(3), 1. <https://doi.org/10.24114/jiaf.v7i3.26618>
- Ngurah Sutapa dan Gde Antha, G. I. (2014). *Efek Induksi Mutasi Radiasi Gamma 60 Co Pada Pertumbuhan Fisiologis Tanaman Tomat (Lycopersicon esculentum L.)*. 5–11. [www.batan/ptkmr/jrkl](http://www.batan/ptkmr/jrkl)

- Prasetyo, J., Pratama, K. E., & Lastriyanto, A. (2019). Efek Tegangan Searah (Dc) Terhadap Dewatering Pasta Tomat Menggunakan Metode Electroosmosis Dewatering. *Jurnal Ilmiah Rekayasa Pertanian dan Biosistem*, 7(2), 256–263. <https://doi.org/10.29303/jrpb.v7i2.145>
- Purwati, W., & Harjono, T. (2017). Analisis Pemanfaatan Limbah Kulit Pisang Sebagai Energi Alternatif Pada Baterai. *EKSERGI Jurnal Teknik Energi*, 13(2), 61–67.
- Sa'adu, L., Hashim, M. A., & Baharuddin, M. Bin. (2014). A Noble Conductivity Studies and Characterizations of PVA-Orthophosphoric-Filter Paper Electrolytes. *Journal of Materials Science Research*, 3(4), 1–12. <https://doi.org/10.5539/jmsr.v3n4p1>
- Salafa, F., Hayat, L., & Ma'aruf, A. (2020). An Analysis of Orange Peel Citrus Sinens. *Riset Rekayasa Elektro*, 2(1), 1–9.
- Samsudin, A. S., & Isa, M. I. N. (2015). Conduction Mechanism of Enhanced CMC-NH<sub>4</sub>Br Biopolymer Electrolytes. *Advanced Materials Research*, 1108(January), 27–32. <https://doi.org/10.4028/www.scientific.net/amr.1108.27>
- Schieberle, P., & Molyneux, R. J. (2012). Quantitation of sensory-active and bioactive constituents of food: A journal of agricultural and food chemistry perspective. *Journal of Agricultural and Food Chemistry*, 60(10), 2404–2408. <https://doi.org/10.1021/jf2047477>
- Sintiya, D., & Nurmasiyah. (2019). Pengaruh Bahan Elektroda Terhadap Kelistrikan Jeruk Dan Tomat Sebagai Solusi Energi Alternatif. *Jurnal Pendidikan Fisika dan Sains*, 2(1), 1–6.
- Sipayung, N. P., Kirom, M. R., & Iskandar, R. F. (2019). Studi Pengaruh Waktu Inkubasi Substrat Tomat Busuk Pada Study of the Time Incubation Tomato Waste Substrate Effect in Microbial Fuel Cell To the Electrical Energy Production on Reactor Dual Chamber. *e-Proceeding of Engineering*, 6(2), 5485–5492.
- Sitanggang, J. E., Latifah, N. Z., Sopian, O., Saputra, Z., Nandiyanto, A. B. D., & Anggaeni, S. (2021). Analysis of Mixture Paste of Cassava Peel and Pineapple Peel as Electrolytes in Bio Battery. *ASEAN Journal of Science and Engineering*, 1(2), 53–56. <https://doi.org/10.17509/ajse.v1i2.34225>
- PLN. (2014). *Buku Pedoman Pemeliharaan Proteksi dan Kontrol Busbar*. 1–62.
- Soedjarwanto, N., & Komarudin, M. (2015). Pemanfaatan Sampah Kulit Pisang dan Kulit Durian Sebagai Bahan Alternatif Pengganti Pasta Batu Baterai. *Jurnal Rekayasa dan Teknologi Elektro*, 9(3), 137–146.
- Suciyati, S. W., Asmarani, S., & Supriyanto, A. (2019). Analisis Jeruk dan Kulit

Jeruk Sebagai Larutan Elektrolit terhadap Kelistrikan Sel Volta. *Jurnal Teori dan Aplikasi Fisika*, 7(1), 7–16.

- Supriati, Y., & Siregar, F. D. (2015). *Bertanam Tomat di Pot (Edisi Revisi)* (hal. 84).[https://books.google.co.id/books?id=xIDsCgAAQBAJ&lpg=PP1&ots=6od2kNn3Mm&dq=Bertanam Tomat Dalam Pot dan Polibag&lr&hl=id&pg=PP1#v=onepage&q&f=false](https://books.google.co.id/books?id=xIDsCgAAQBAJ&lpg=PP1&ots=6od2kNn3Mm&dq=Bertanam+Tomat+Dalam+Pot+dan+Polibag&lr&hl=id&pg=PP1#v=onepage&q&f=false)
- Syahputra, R. A., Rahmah, S., Syafei, M. S., Hidayah, F. N., Simanjuntak, M. E., Hutasoit, R., Sitorus, Y. A., & Barutu, Z. A. (2020). Battery Construction From Lime Orange. *Indonesian Journal of Chemical Science and Technology (IJCST)*, 3(1), 28. <https://doi.org/10.24114/ijcst.v3i1.18314>
- Urba Ziyauddin Siddiqui. (2013). the Future of Energy Bio Battery. *International Journal of Research in Engineering and Technology*, 02(11), 99–111. <https://doi.org/10.15623/ijret.2013.0211017>
- Urniati, A. N. M., Terusan, J., & Sudirman, J. (2020). *Busuk*. 7(1), 28–34.
- Wasonowati, C. (2011). Meningkatkan Pertumbuhan Tanaman Tomat (*Lycopersicon Esculentum*) Dengan Sistem Budidaya Hidroponik. *Agovigor*, 4(1), 21–28.
- Wulandari, D. S. (2017). Pengaruh Pupuk Kotoran Kambing Terhadap Produksi Tanaman Tomat (*Solanum lycopersicum* Mill). In *Rository.Unej.Ac.Id*. <https://repository.unej.ac.id/handle/123456789/85047>
- Yusof, Y. M., Shukur, M. F., Illias, H. A., & Kadir, M. F. Z. (2014). Conductivity and electrical properties of corn starch-chitosan blend biopolymer electrolyte incorporated with ammonium iodide. *Physica Scripta*, 89(3). <https://doi.org/10.1088/0031-8949/89/03/035701>