

DAFTAR PUSTAKA

Abbasi, H. (2013) 'Design and Manufacturing of a Micro Zinc-Air Fuel Cell for Mobile Applications', *Iranica Journal of Energy & Environment*, 4(2), pp. 2–7. doi: 10.5829/idosi.ijee.2013.04.02.06.

AKBAR B, A. (2017) 'Pengontrol Suhu Air Menggunakan Sensor Ds18B20 Berbasis Arduino Uno', *Universitas Sumatera Utara*, pp. 4–16.

Arfandi, A. and Supit, Y. (2019) 'Pengisian Depot Air Minum Isi Ulang Berbasis Arduino Uno', *Jurnal Sistem Informasi Dan Teknik Komputer*, 4(1), pp. 2–9.

Dölle, J. (2014) 'INVESTIGATION OF SI / C-BASED ANODES FOR LI-ION BATTERIES Berlin 2014 Investigation of Si / C-based anodes for Li-Ion batteries', *Dissertation*.

EBay (no date) 'Micro SD Card Micro SDHC Mini TF Card Adapter Reader Module for Arduino'.

Fauza, A. N., Mardiyati, M. M. and Steven, S. (2019) 'Pembuatan Dan Karakterisasi Separator Baterai Berbahan Selulosa Alga Cladophora', *Jurnal Teknologi Bahan dan Barang Teknik*, 9(2), p. 69. doi: 10.37209/jtbtt.v9i2.135.

Goel, P., Dobhal, D. and Sharma, R. C. (2020) 'Aluminum–air batteries: A viability review', *Journal of Energy Storage*, 28(October 2019). doi: 10.1016/j.est.2020.101287.

Iskandar, P. F. (2018) 'Kata Pengantar'.

Junaidi and Dwi Prabowo, Y. (2018) *Project sistem kendali elektronik*.

Lee, Y. K. (2019) ‘The effect of active material, conductive additives, and binder in a cathode composite electrode on battery performance’, *Energies*, 12(4). doi: 10.3390/en12040658.

Liang, B., Liu, Y. and Xu, Y. (2014) ‘Silicon-based materials as high capacity anodes for next generation lithium ion batteries’, *Journal of Power Sources*, 267, pp. 469–490. doi: 10.1016/j.jpowsour.2014.05.096.

Liu, Y., Sun, Q., Li, W., Adair, Keegan R., *et al.* (2017) ‘A comprehensive review on recent progress in aluminum–air batteries’, *Green Energy and Environment*, 2(3), pp. 246–277. doi: 10.1016/j.gee.2017.06.006.

Liu, Y., Sun, Q., Li, W., Adair, Keegan R, *et al.* (2017) ‘ScienceDirect A comprehensive review on recent progress in aluminum e air batteries’, *Green Energy and Environment*, 2(3), pp. 246–277. doi: 10.1016/j.gee.2017.06.006.

Maulana, I., Aripin and Chobir, A. (2019) ‘Studi Elektrokimia Baterai Aluminium-’, 01(01), pp. 25–28.

Monda, H. T., Feriyonika, F. and Rudati, P. S. (2018) ‘Sistem Pengukuran Daya pada Sensor Node Wireless Sensor Network’, *Prosiding Industrial Research Workshop and National Seminar*, 9, pp. 28–31.

Neburchilov, V. and Zhang, J. (2016) *Metal – Air and Metal – Sulfur Batteries: Fundamentals and Applications*.

Niu, J. *et al.* (2015) *Silicon-based anode materials for lithium-ion batteries*, *Progress in Chemistry*. doi: 10.7536/PC150155.

ORION Engineered Carbons (2014) ‘What is Carbon Black?’, *Www.Orioncarbons.Com*, p. 7.

Perdana, F. A. (2021) ‘Baterai Lithium’, *INKUIRI: Jurnal Pendidikan IPA*, 9(2), p. 113. doi: 10.20961/inkuiri.v9i2.50082.

Piernas Muñoz, M. J. and Castillo Martínez, E. (2018) ‘Introduction to batteries’, *SpringerBriefs in Applied Sciences and Technology*, (December), pp. 1–8. doi: 10.1007/978-3-319-91488-6_1.

Rubenbauer, H. and Henninger, S. (2017) ‘Definitions and reference values for battery systems in electrical power grids’, *Journal of Energy Storage*, 12, pp. 87–107. doi: 10.1016/j.est.2017.04.004.

Santhanagopalan, S. and Zhang, Z. J. (2012) *Encyclopedia of Sustainability Science and Technology*, *Encyclopedia of Sustainability Science and Technology*. doi: 10.1007/978-1-4419-0851-3.

Sataloff, R. T., Johns, M. M. and Kost, K. M. (2004) ‘Final Report on Research of Air Cathodes for Aluminium Air Batteries’.

Suari, M. (2017) ‘Pemanfaatan Arduino Nano Dalam Perancangan Media Pembelajaran Fisika’, *Natural Science Journal*, 3(1), pp. 474–480.

Suryanto, M. juhan dwi and Rijanto, T. (2019) ‘Rancang Bangun Alat Pencatat

Biaya Pemakaian Energi Listrik pada Kamar Kos Menggunakan Modul Global System For Mobile Communications (GSM) 800L Berbasis Arduino Uno', *Jurusan Teknik Elektro*, 8(1), pp. 47–55.

Tomboc, G. M. *et al.* (2020) 'Ideal design of air electrode-A step closer toward robust rechargeable Zn-air battery', *APL Materials*, 8(5). doi: 10.1063/5.0005137.

Tumimomor, F. R. and Palilingan, S. C. (2018) 'Pemanfaatan karbon aktif dari sabut kelapa sebagai elektroda superkapasitor', *Fullerene Journal of Chemistry*, 3(1), p. 13. doi: 10.37033/fjc.v3i1.29.

Warner, J. (2015) 'Lithium-Ion and Other Cell Chemistries', *The Handbook of Lithium-Ion Battery Pack Design*. Elsevier, pp. 65–89. doi: 10.1016/b978-0-12-801456-1.00007-5.

Abbasi, H. (2013) 'Design and Manufacturing of a Micro Zinc-Air Fuel Cell for Mobile Applications', *Iranica Journal of Energy & Environment*, 4(2), pp. 2–7. doi: 10.5829/idosi.ijee.2013.04.02.06.

AKBAR B, A. (2017) 'Pengontrol Suhu Air Menggunakan Sensor Ds18B20 Berbasis Arduino Uno', *Universitas Sumatera Utara*, pp. 4–16.

Arfandi, A. and Supit, Y. (2019) 'Pengisian Depot Air Minum Isi Ulang Berbasis Arduino Uno', *Jurnal Sistem Informasi Dan Teknik Komputer*, 4(1), pp. 2–9.

Dölle, J. (2014) 'INVESTIGATION OF SI / C-BASED ANODES FOR LI-ION BATTERIES Berlin 2014 Investigation of Si / C-based anodes for Li-Ion batteries', *Dissertation*.

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Fauza, A. N., Mardiyati, M. M. and Steven, S. (2019) 'Pembuatan Dan Karakterisasi Separator Baterai Berbahan Selulosa Alga *Cladophora*', *Jurnal Teknologi Bahan dan Barang Teknik*, 9(2), p. 69. doi: 10.37209/jtbtt.v9i2.135.

Goel, P., Dobhal, D. and Sharma, R. C. (2020) 'Aluminum–air batteries: A viability review', *Journal of Energy Storage*, 28(October 2019). doi: 10.1016/j.est.2020.101287.

Iskandar, P. F. (2018) 'Kata Pengantar'.

Junaidi and Dwi Prabowo, Y. (2018) *Project sistem kendali elektronik*.

Lee, Y. K. (2019) 'The effect of active material, conductive additives, and binder in a cathode composite electrode on battery performance', *Energies*, 12(4). doi: 10.3390/en12040658.

Liang, B., Liu, Y. and Xu, Y. (2014) 'Silicon-based materials as high capacity anodes for next generation lithium ion batteries', *Journal of Power Sources*, 267, pp. 469–490. doi: 10.1016/j.jpowsour.2014.05.096.

Liu, Y., Sun, Q., Li, W., Adair, Keegan R., *et al.* (2017) 'A comprehensive review on recent progress in aluminum–air batteries', *Green Energy and Environment*, 2(3), pp. 246–277. doi: 10.1016/j.gee.2017.06.006.

Liu, Y., Sun, Q., Li, W., Adair, Keegan R, *et al.* (2017) 'ScienceDirect A

comprehensive review on recent progress in aluminum e air batteries’, *Green Energy and Environment*, 2(3), pp. 246–277. doi: 10.1016/j.gee.2017.06.006.

Maulana, I., Aripin and Chobir, A. (2019) ‘Studi Elektrokimia Baterai Aluminium-’, 01(01), pp. 25–28.

Monda, H. T., Feriyonika, F. and Rudati, P. S. (2018) ‘Sistem Pengukuran Daya pada Sensor Node Wireless Sensor Network’, *Prosiding Industrial Research Workshop and National Seminar*, 9, pp. 28–31.

Neburchilov, V. and Zhang, J. (2016) *Metal – Air and Metal – Sulfur Batteries: Fundamentals and Applications*.

Niu, J. *et al.* (2015) *Silicon-based anode materials for lithium-ion batteries*, *Progress in Chemistry*. doi: 10.7536/PC150155.

ORION Engineered Carbons (2014) ‘What is Carbon Black?’, *Www.Orioncarbons.Com*, p. 7.

Perdana, F. A. (2021) ‘Baterai Lithium’, *INKUIRI: Jurnal Pendidikan IPA*, 9(2), p. 113. doi: 10.20961/inkuiri.v9i2.50082.

Piernas Muñoz, M. J. and Castillo Martínez, E. (2018) ‘Introduction to batteries’, *SpringerBriefs in Applied Sciences and Technology*, (December), pp. 1–8. doi: 10.1007/978-3-319-91488-6_1.

Rubenbauer, H. and Henninger, S. (2017) ‘Definitions and reference values for battery systems in electrical power grids’, *Journal of Energy Storage*, 12, pp. 87–

107. doi: 10.1016/j.est.2017.04.004.

Santhanagopalan, S. and Zhang, Z. J. (2012) *Encyclopedia of Sustainability Science and Technology*, *Encyclopedia of Sustainability Science and Technology*. doi: 10.1007/978-1-4419-0851-3.

Sataloff, R. T., Johns, M. M. and Kost, K. M. (2004) 'Final Report on Research of Air Cathodes for Aluminium Air Batteries'.

Suari, M. (2017) 'Pemanfaatan Arduino Nano Dalam Perancangan Media Pembelajaran Fisika', *Natural Science Jurnal*, 3(1), pp. 474–480.

Suryanto, M. juhan dwi and Rijanto, T. (2019) 'Rancang Bangun Alat Pencatat Biaya Pemakaian Energi Listrik pada Kamar Kos Menggunakan Modul Global System For Mobile Communications (GSM) 800L Berbasis Arduino Uno', *Jurusan Teknik Elektro*, 8(1), pp. 47–55.

Tomboc, G. M. *et al.* (2020) 'Ideal design of air electrode-A step closer toward robust rechargeable Zn-air battery', *APL Materials*, 8(5). doi: 10.1063/5.0005137.

Tumimomor, F. R. and Palilingan, S. C. (2018) 'Pemanfaatan karbon aktif dari sabut kelapa sebagai elektroda superkapasitor', *Fullerene Journal of Chemistry*, 3(1), p. 13. doi: 10.37033/fjc.v3i1.29.

Warner, J. (2015) 'Lithium-Ion and Other Cell Chemistries', *The Handbook of Lithium-Ion Battery Pack Design*. Elsevier, pp. 65–89. doi: 10.1016/b978-0-12-801456-1.00007-5.