DAFTAR PUSTAKA

Anisa, K. (2019). Efektifitas Kompres Hangat Untuk Menurunkan Suhu Tubuh Pada Anak Dengan Hipertermia. *Jurnal Ilmiah Ilmu Kesehatan: Wawasan Kesehatan*, *5*(2), 122–127. https://doi.org/10.33485/jiikwk.v5i2.112

Basith, A., & Taufiq, A. (2012). Pengaruh Pemanasan pada Struktur Kristal dan Sifat Kemagnetan Fe3O 4 dari Pasir Besi. *Jurnal Fisika dan Aplikasinya*, 8(2), 3–5.

Bosque, J. J., Calvo, G. F., Pérez-García, V. M., & Navarro, M. C. (2020). The Interplay of Blood Flow and Temperature in Regional Hyperthermia: A Mathematical Approach. *Royal Society Open Science*, 8, 201234. https://doi.org/10.1098/rsos.201234

Brunt, V. E., & Minson, C. T. (2021). Heat Therapy: Mechanistic Underpinnings and Applications to Cardiovascular Health. *Journal of applied physiology*, 130(6), 1684–1704. https://doi.org/10.1152/japplphysiol.00141.2020

Buser, Y. M., Krämer, E. T. M., Akkerman, R., & Grouve, W. J. B. (2024). Induction Heating of Unidirectional C / PAEK – A Thermographic Study on Eddy Current Formation. *Composites Part B*, *287*(111789). https://doi.org/10.1016/j.compositesb.2024.111789

Firdaus, F. H., & Basyirun. (2022). Pengaruh Frekuensi Resonansi Induksi Terhadap Efisiensi Energi Pada Dapur Induksi Berbasis Elektromagnetik Sebagai Alat Pencairan Aluminium. *Journal of Mechanical Engineering Learning*, *11*(2). http://journal.unnes.ac.id/sju/index.php/jmel.

Heinonen, I., Brothers, R. M., Kemppainen, J., Knuuti, J., Kalliokoski, K. K., & Crandall, C. G. (2011). Local Heating, but not Indirect Whole-Body Heating, Increases Human Skeletal Muscle Blood Flow. *Journal of Applied Physiology*, 111(3), 818–824. https://doi.org/10.1152/japplphysiol.00269.2011

Hesketh, P. J., Lin, F.C., Lee, H., & Lam, W. (2021). Micro-Solenoid Coil Design and Fabrication for Magnetic Labeled Cell and Antibody Detection. *ECS Meeting Abstracts*, MA2021-02(57), 1920. https://doi.org/10.1149/MA2021-02571920mtgabs

Hilmi, R. Z., Hurriyati, R., & Lisnawati. (2018). Peningkatan Keberhasilan Terapi Kanker Paru-Paru Dengan Rompi Antikanker Termodifikasi Untuk Menurunkan Angka Kematian Akibat Kanker Global 2030. *Karya Tulis Ilmiah Program Studi Pendidikan Dokter Universitas Padjajaran*, 3(2), 91–102.

Ilkiv, I., Zhukovskyy, V., Zhukovska, N., & Safonyk, A. (2022). Construction Of a Mathematical Model and Numerical Study of Mass Transfer Processes of Salt Solutions in An. *Journal of Physics: Conference Series*, 2203(1), 012039. https://doi.org/10.15587/1729-4061.2022.265809

Irshandy, L. (2020). Pengembangan Alat Peraga Induksi Magnet Pada Solenoid Untuk Meningkatkan Keterampilan Proses Sains Peserta Didik Pada Materi Pokok Induksi Elektromagnetik. *Skripsi Sarjana,* Program Studi Tadris Fisika, Universitas Islam Negeri Syarif Hidayatullah.

Jeong, W.Y., Kwon, M., Choi, H.E. (2021). Recent Advances in Transdermal Drug Delivery Systems: A Review. *Biomaterials Research,* 25(1).

https://doi.org/10.1186/s40824-021-00226-6

Joshua, J. Calcutt, Michael, S. Roberts. (2022). Predicting Viable Skin Concentration: Modelling the Subpapillary Plexus. *Pharmaceutical Research,* 39(4), 783-793. https://doi.org/10.1007/s11095-022-03215-z

Karimatunnisa, & H. Aloysius. (2023). Identifikasi Miskonsepsi Konsep Stoikiometri Pada Sumber Belajar Kimia SMA. *Jurnal Riset Pembelajaran Kimia,* 8(2), 102-110. https://journal.student.uny.ac.id/index.php/jrpk

Kim, K., Reid, B. A., Casey, C. A., Bender, B. E., Ro, B., Song, Q., Trewin, A., Petersen, A., Kuang, S., Gavin, T. P., & Roseguini, B. T. (2020). Effects of Repeated Local Heat Therapy on Skeletal Muscle Structure and Function in Humans. *Journal of Applied Physiology*, 128 (3). pp. 483-492. ISSN 8750-7587

Koch, N., Oliver, E., & Alonso, J. G. (2021). Regional Thermal Hyperthermia in the Human Leg: Evidence of the Importance of Thermosensitive Mechanisms in the Control of the Peripheral Circulation. *Journal Physiological Reports*, 1–18. https://doi.org/10.14814/phy2.14953

Kurniati, S., Syam, S., & Bantoruan, F. L. (2021). Sistem Pemanas Induksi Dengan Menggunakan Solenoid Coil Dan Mikrokontroler. *Jurnal Media Elektro*, X (1), 44–52. https://doi.org/10.35508/jme.v0i0.3902

Lee, Y.L., Lin, C.-H., Liu, H.-D. (2022). A Novel MPPT Heating Control Strategy Applied to the Induction Heating System. *Processes*, 10, 1151. https://doi.org/10.3390/pr10061151

Lesnicki, D., Gao, C. Y., Limmer, D. T., & Rotenberg, B. (2021). On The Molecular Correlations That Result In Field-Dependent Conductivities In Electrolyte Solutions. *Journal of Physics*, 1–14. https://doi.org/10.5281/zenodo.4660193

Liew, H., Tang, W., Plassmann, P., Machin, G., Simpson, R., Edmonds, M. E., & Petrova, N. L. (2025). Infrared Thermography Shows That a Temperature Difference of 2.2°C (4°F) or Greater Between Corresponding Sites of Neuropathic Feet Does Not Always Lead to a Diabetic Foot Ulcer. *Journal of Diabetes Science and Technology*, *19*(6), 1624–1634. https://doi.org/10.1177/19322968241249970

Liu, X., Zhang, Y., Wang, Y., Zhu, W., Li, G., Ma, X., & Zhang, Y. (2020). Comprehensive Understanding of Magnetic Hyperthermia for Improving Antitumor Therapeutic Efficacy. *Journal Theranostics,* 10(8): 3793-3815. https://doi.org/10.7150/thno.4080

Maluta S, Kolff M. (2015). Role of Hyperthermia in Breast Cancer Locoregional Recurrence: A Review. *Breast Care,* 10, 408-412. https://doi.org/10.1159/000440792

Martínez-Gutiérrez, B., & García-Pelagio, K. P. (2024). Infrared Thermography and Computed Tomography Imaging for Hind Limb Study After Immobilization-Induced Disuse Atrophy. *Frontiers in Imaging*, (3). https://doi.org/10.3389/fimag.2024.1421979

Milsch, H., Hoffert, U., Kummerow, J., Lassin, A., & André, L. (2020). Thermophysical Properties of Highly Saline Geothermal Fluids. *Reflect Deliverable D2,* (4), 1-47. https://doi.org/10.48440/gfz.4.8.2022.008

Mizuhata, M. (2022). Electrical Conductivity Measurement of Electrolyte Solution.

The Electrochemical Society of Japan, 2-46. https://doi.org/10.5796/electrochemistry.22-66111

Nguenouho, O. S. B., Chevalier, A., Potelon, B., Benedicto, J., & Quendo, C. (2022). Dielectric Characterization and Modelling of Aqueous Solutions Involving Sodium Chloride and Sucrose and Application to the Design of a Bi-Parameter Rf-Sensor. *Scientific Reports*, (12:7209) 1–22. https://doi.org/10.1038/s41598-022-11355-w

Nofitasari, F., & Wahyuningsih, W. (2019). Penerapan Kompres Hangat Untuk Menurunkan Hipertermia Pada Anak Dengan Demam Typoid. *Jurnal Manajemen Asuhan Keperawatan*, 3(2), 44–50. https://doi.org/10.33655/mak.v3i2.74

Paolucci, T., Pezzi, L., Centra, A. M., Giannandrea, N., Bellomo, R. G., & Saggini, R. (2020). Electromagnetic Field Therapy: A Rehabilitative Perspective in the Management of Musculoskeletal Pain – A Systematic Review. *Journal of Pain Research*, 13, 1385–1400. https://doi.org/10.2147/JPR.S231778

Sari, L. R. (2024). Studi Kinerja Alat Berbasis Induksi Timbal Balik dengan Dua Konfigurasi Berbeda, Diterapkan pada Ekor Tikus. *Skripsi Sarjana*, Program Studi Fisika, Universitas Gadjah Mada, Yogyakarta.

Silva, A. C., Pinzo, M. J., Messias, A., Fileti, E. E., & Pascon, A. (2022). Materials Advances Behavior of Supercapacitors: Molecular Dynamics Simulations and in Situ Characterization Studies. *Royal Society of Chemistry*, 3 611–623. https://doi.org/10.1039/d1ma00890k

Sudiarto, B., Nugroho, J. D., Husnayain, F., Utomo, A. R., & Ardita, I. M. (2023). Pengaruh Perubahan Tegangan Masukan Terhadap Efisiensi Energi Kompor Induksi. *Jurnal Nasional Teknik Elektro dan Teknologi Informasi*, 12(2), 101–109.

Utami, F. A. (2025). Desain dan Pengembangan Koyo Elektromagnetik Untuk Jari-Jemari Manusia. *Skripsi Sarjana*, Program Studi Fisika, Universitas Gadjah Mada, Yogyakarta.

Wijaya, M. A., Siboro, B. A. H., & Purbasari, A. (2016). Analisa Perbandingan Antropometri Bentuk Tubuh Mahasiswa Pekerja Galangan Kapal Dan Mahasiswa Pekerja Elektronika. *Profisiensi*, 4(2), 108–117.

Xiang, Z., Jakkpat, K., Ducharne, B., Capsal, J., Mogniotte, J., Lermusiaux, P., Cottinet, P., Schiava, N. Della, & Le, M. Q. (2020). Enhancing the Low-Frequency Induction Heating Effect of Magnetic Composites for Medical Applications. *Journal Polymer*, 12, 386. https://doi.org/10.3390/polym12020386.

Xiang, Z., Jakkpat, K., Ducharne, B., Capsal, J., Mogniotte, J., Lermusiaux, P., Cottinet, P., Schiava, N. Della, & Le, M. Q. (2019). Induction Heating-Based Low-Frequency Alternating Magnetic Field: High Potential of Ferromagnetic Composites for Medical Applications. *Journal Material and Design*, 174, 107804

Zanoli, G., Albarova-Corral, I., Ancona, M., Grattagliano, I., Hotfiel, T., Iolascon, G., Krüger, K., & Rodríguez Maruri, G. (2024). Current Indications and Future Direction in Heat Therapy for Musculoskeletal Pain: *A Narrative Review. Muscles*, 3(3), 212–223. https://doi.org/10.3390/muscles3030019