

## DAFTAR PUSTAKA

- Amraoui, A.E. dan Britel, M.R. (2020) ‘Design of Real-time Monitoring System for Aquaculture Sea-cages with GPRS and Embedded Systems’, *International Frequency Sensor Association*, 240(1), pp. 26–35.
- Broman, M.E., Vincent, J.-L., Ronco, C., Hansson, F. dan Bell, M. (2021) ‘The Relationship Between Heart Rate and Body Temperature in Critically Ill Patients’, *Critical Care Medicine*, 49(3), pp. e327–e331.
- Cahyadi, W., Chaidir, A.R. dan Anda, M.F. (2021) ‘Penerapan Logika Fuzzy sebagai Alat Deteksi Hipotermia dan Hipertermia Pada Manusia Berbasis Internet Of Thing (Iot)’, *Jurnal Rekayasa Elektrika*, 17(2).
- De La Cruz-Alejo, J., Beatriz-Cuellar, H., Mora-Ortega, A. dan Belem Arce-Vazquez, M. (2023). *Methodology for the Implementation of a Fuzzy Controller on Arduino, MATLAB™ and Nexys 4™ Platforms.*, in E. Dadios (ed.) *Advances in Fuzzy Logic Systems*. IntechOpen.
- Epstein, Y. dan Yanovich, R. (2019) ‘Heatstroke’, *New England Journal of Medicine*. Edited by D.L. Longo, 380(25), pp. 2449–2459.
- Faulds, M. dan Meekings, T. (2013) ‘Temperature Management In Critically Ill Patients’, *Continuing Education in Anaesthesia Critical Care & Pain*, 13(3), pp. 75–79.
- Ghribi, B. dan Logrippo, L. (2000) ‘Understanding GPRS: the GSM packet radio service’, *Computer Networks*, 34(5), pp. 763–779.
- Green, R., Webb, D., Jeena, P.M., Wells, M., Butt, N., Hangoma, J.M., Moodley, R. (Sham), Maimin, J., Wibbelink, M. dan Mustafa, F. (2021) ‘Management of acute fever in children: Consensus recommendations for community and primary healthcare providers in sub-Saharan Africa’, *African Journal of Emergency Medicine*, 11(2), pp. 283–296.
- Hiis, H.G., Cosson, M.V., Dahl, C.P., Fiane, A.E., Levy, F.O., Andersen, G.Ø. dan Krobert, K.A. (2018) ‘Hypothermia elongates the contraction-relaxation cycle in explanted human failing heart decreasing the time for ventricular filling during diastole’, *American Journal of Physiology-Heart and Circulatory Physiology*, 315(5), pp. H1137–H1147.
- Huda, M. (2022) ‘Analisa Sistem Pengendalian Temperatur Menggunakan Sensor Ds18b20 Berbasis Mikrokontroler Arduino’, *Jurnal Rekayasa Mesin*, 07(2).

- Janik, P., Janik, M.A. dan Pielka, M. (2022) 'Monitoring Breathing and Heart Rate Using Episodic Broadcast Data Transmission', *Sensors*, 22(16), p. 6019.
- Jufriadi, J., Nurcahyo, G.W. dan Sumijan, S. (2020) 'Logika Fuzzy dengan Metode Mamdani dalam Menentukan Tingkat Peminatan Tipe Motor Honda', *Jurnal Informatika Ekonomi Bisnis* [Preprint].
- Karina, P. dan, Thohari, A.H. (2018) 'Perancangan Alat Pengukur Detak Jantung Menggunakan Pulse Sensor Berbasis Raspberry', *Journal Of Applied Informatics And Computing*, 2(2), pp. 57–61.
- Kuht, J. dan Farmery, A.D. (2021) 'Body temperature and its regulation', *Anaesthesia & Intensive Care Medicine*, 22(10), pp. 657–662.
- Mallet, M.L. (2002) 'Pathophysiology of accidental hypothermia', *Quarterly Journal of Medicine*, 95(12), pp. 775–785.
- Mengelkoch, L.J., Martin, D. dan Lawler, J. (1994) 'A Review of the Principles of Pulse Oximetry and Accuracy of Pulse Oximeter Estimates During Exercise', *Physical Therapy*, 74(1), pp. 40–49.
- Muhammad Nur Fariz dan Jamaaluddin (2021) 'Design for Monitoring Blood Pressure, Non-Invasive Blood Sugar, Weight, and Body Temperature Based on Internet of Things', *Procedia of Engineering and Life Science*, 1(1).
- Nandish B M, Babu, E. dan Ganeshanaik, S.S. (2021) 'IoT as a Platform for State-of-the-Art Load Modeling in Domestic Utility', in *2021 Innovations in Power and Advanced Computing Technologies (i-PACT). 2021 Innovations in Power and Advanced Computing Technologies (i-PACT)*, Kuala Lumpur, Malaysia: IEEE, pp. 1–6.
- Nugroho, C.R., Yuniarti, E. dan Hartono, A. (2020) 'Alat Pengukur Saturasi Oksigen Dalam Darah Menggunakan Metode Photoplethysmograph Reflectance', *Al-Fiziya: Journal of Materials Science, Geophysics, Instrumentation and Theoretical Physics*, 3(2), pp. 84–93.
- Palmiere, C., Teresiński, G. dan Hejna, P. (2014) 'Postmortem diagnosis of hypothermia', *International Journal of Legal Medicine*, 128(4), pp. 607–614.
- Pamungkas, E.D.G., Wibowo, C.N., Hakim, B.A.P. dan Sari, A.P. (2023) 'Implementasi Fuzzy Logic Tsukamoto Dan Mamdani Untuk Mendeteksi Kondisi Badan Berdasarkan Suhu Tubuh', *Seminar Nasional Informatika Bela Negara*, 3, pp. 1–5.

- Park, J., Seok, H.S., Kim, S.-S. and Shin, H. (2022) 'Photoplethysmogram Analysis and Applications: An Integrative Review', *Frontiers in Physiology*, 12, p. 808451.
- Pratama, E.W. dan Kiswantono, A. (2023) 'Electrical Analysis Using ESP-32 Module In Realtime', *Journal of Electrical Engineering and Computer Sciences*, 7(2), pp. 1273–1284.
- Sakoi, T., Kurazumi, Y., Apriliyanthi, S.R., Sawada, S. dan Gao, C. (2024) 'Human body heat balance equation to consider core body temperature in assessment of heatstroke risk', *Building and Environment*, 247, p. 111020.
- Salim, K.J. dan Garry, R. (2024) 'Hypothermic in the Heat: A Case of Hypothermia in a Vulnerable Older Adult in South Florida', *Cureus* [Preprint].
- Saputra, E.W. (2020) 'Optimasi Fungsi Keanggotaan Fuzzy Mamdani Menggunakan Algoritma Genetika Untuk Penentuan Penerima Beasiswa', 8(2).
- Saquib, N., Papon, Md.T.I., Ahmad, I. dan Rahman, A. (2015) 'Measurement of heart rate using photoplethysmography', in *2015 International Conference on Networking Systems and Security (NSysS)*, Dhaka, Bangladesh: IEEE, pp. 1–6.
- Sarath, S.V.C. dan Xu, Z. (2024) 'Heat and health of occupational workers: a short summary of literature', *Journal of Occupational Health*, 66(1), p. uiae018.
- Sari, N.N., Gani, M.N., Yusuf, R.A.M. dan Firmando, R. (2021) 'Telemedicine for silent hypoxia: Improving the reliability and accuracy of Max30100-based system', *Indonesian Journal of Electrical Engineering and Computer Science*, 22(3), p. 1419.
- Shiddiq, M.J. dan Nugraha, A.T. (2022) 'Sistem Monitoring Detak Jantung pada Sepeda Treadmill', *Journal of Computer Electronic and Telecommunications*, 3(2).
- Sibuea, S., Rahmaddoni, A. dan Widodo, Y.B. (2021) 'Perancangan Robot Pemadam Api Dengan Pengontrolan Gerak Metode Proportional Integral Derivative (Pid) Menggunakan Sensor Sonar Berbasis Mikrokontroler', *Jurnal Informatika Dan Teknologi Komputer*, 1(3).
- Siswanto, A., Sitepu, R., Lestariningsih, D., Agustine, L., Gunadhi, A. dan Andyardja, W. (2020) 'Meja Tulis Adjustable Dengan Konsep Smart Furniture', *Scientific Journal Widya Teknik*, 19(2), p. 12.

- Tamura, T., Maeda, Y., Sekine, M. dan Yoshida, M. (2014) 'Wearable Photoplethysmographic Sensors—Past and Present', *Electronics*, 3(2), pp. 282–302.
- Trenggana, H., Widasari, E.R. dan Ichsan, M.H.H. (2022) 'Rancang Bangun Alat Deteksi Hipotermia berdasarkan Detak Jantung dan Suhu Tubuh dengan Metode Fuzzy Tsukamoto', *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 6(12), pp. 5647–5654.
- Tsai, M., Gao, W., Chien, K., Kyaw, T.W., Baw, C., Hsu, C. dan Wen, C. (2023) 'Resting Heart Rate Independent of Cardiovascular Disease Risk Factors Is Associated With End-Stage Renal Disease: A Cohort Study Based on 476 347 Adults', *Journal of the American Heart Association*, 12(23), p. e030559.
- Walter, E.J., Hanna-Jumma, S., Carraretto, M. dan Forni, L. (2016) 'The pathophysiological basis and consequences of fever', *Critical Care*, 20(1), p. 200.
- Yacob, M. (2022) 'New fever and hyperthermia diagnosing methods', *World Journal of Advanced Research and Reviews*, 16(2), pp. 524–530.