

Daftar Pustaka

- Abdullah, T. A. A., Zahid, M. S. B. M., Tang, T. B., Ali, W. and Nasser, M. (2022), Explainable deep learning model for cardiac arrhythmia classification, *in* ‘2022 International Conference on Future Trends in Smart Communities (ICFTSC)’, Kuching, Sarawak, Malaysia, pp. 87–92.
- Alotaiby, T. N., Alrshoud, S. R., Alshebeili, S. A. and Aljafar, L. M. (2019), ‘Ecg-based subject identification using statistical features and random forest’, *Journal of Sensors* **2019**, 1–13.
URL: <https://doi.org/10.1155/2019/6751932>
- Amah, T. E., Kamat, M., Moreira, W., Bakar, K. A., Mandala, S. and Batista, M. A. (2016), ‘Towards next-generation routing protocols for pocket switched networks’, *Journal of Network and Computer Applications* **70**, 51–88.
URL: <https://doi.org/10.1016/j.jnca.2016.05.011>
- Ashfaq, A., Anjum, N., Ahmed, S. and Masood, N. (2022), Hybrid deep learning model for ecg-based arrhythmia detection, *in* ‘2022 International Conference on Frontiers of Information Technology (FIT)’, Islamabad, Pakistan, pp. 278–283.
- Cheng, J., Zou, Q. and Zhao, Y. (2021), ‘Ecg signal classification based on deep cnn and bilstm’, *BMC Medical Informatics and Decision Making* **21**(365).
URL: <https://doi.org/10.1186/s12911-021-01736-y>
- Coulibaly, Y., Al-Kilany, A. A. I., Latiff, M. S. A., Rouskas, G., Mandala, S. and Razzaque, M. A. (2015), Secure burst control packet scheme for optical burst switching networks, *in* ‘2015 IEEE International Broadband and Photonics Conference (IBP)’, Bali, Indonesia, pp. 86–91.
- Emrich, J., Koka, T., Wirth, S. and Muma, M. (2023), Accelerated sample-accurate r-peak detectors based on visibility graphs, *in* ‘2023 31st European Signal Processing Conference (EUSIPCO)’, Helsinki, Finland, pp. 1090–1094.
- Ihsan, M. F., Mandala, S. and Pramudyo, M. (2022), Study of feature extraction algorithms on photoplethysmography (ppg) signals to detect coronary

- heart disease, *in* ‘2022 International Conference on Data Science and Its Applications (ICoDSA)’, Bandung, Indonesia, pp. 300–304.
- Jo, Y.-Y., myoung Kwon, J., Jeon, K.-H., Cho, Y.-H., Shin, J.-H., Lee, Y.-J., Jung, M.-S., Ban, J.-H., Kim, K.-H., Lee, S. Y., Park, J. and Oh, B.-H. (2021), ‘Detection and classification of arrhythmia using an explainable deep learning model’, *Journal of Electrocardiology* **67**, 124–132.
- Kommineni, J., Mandala, S., Sunar, M. et al. (2021), ‘Accurate computing of facial expression recognition using a hybrid feature extraction technique’, *Journal of Supercomputing* **77**, 5019–5044.
- M., G., Ravi, V., V., S., M., G. G., Ravi, V., V., S., E.A, G. and K.P, S. (2023), ‘Explainable deep learning-based approach for multilabel classification of electrocardiogram’, *IEEE Transactions on Engineering Management* **70**(8), 2787–2799.
- Mahmud, M. S., Nayan, M. M. R., Hasan, S. and Taj, M. N. A. (2022), A deep ensemble model with an efficient feature for multi-class arrhythmia classification utilizing 12-lead ecg signal, *in* ‘2022 12th International Conference on Electrical and Computer Engineering (ICECE)’, Dhaka, Bangladesh, pp. 48–51.
- Mandala, S., Anggis, S. N., Mubarok, M. S. and Shamila (2017), Energy efficient iot thermometer based on fuzzy logic for fever monitoring, *in* ‘2017 5th International Conference on Information and Communication Technology (ICoICT)’, Melaka, Malaysia, pp. 1–6.
- Mandala, S., Jenni, K., Ngadi, M., Kamat, M. and Coulibaly, Y. (2014), Quantifying the severity of blackhole attack in wireless mobile ad hoc networks, *in* J. Mauri, S. Thampi, D. Rawat and D. Jin, eds, ‘Security in Computing and Communications’, Vol. 467, Springer, pp. 61–79.
URL: https://doi.org/10.1007/978-3-662-44966-0_6
- Montavon, G., Binder, A., Lapuschkin, S., Samek, W. and Müller, K. (2019), Layer-wise relevance propagation: An overview, *in* W. Samek, G. Montavon, A. Vedaldi, L. Hansen and K. Müller, eds, ‘Explainable AI: Interpreting, Explaining and Visualizing Deep Learning’, Vol. 11700, Springer, pp. 71–100.
URL: https://doi.org/10.1007/978-3-030-28954-6_10
- Moody, G. and Mark, R. (2001), ‘The impact of the mit-bih arrhythmia database’, *IEEE Engineering in Medicine and Biology* **20**(3), 45–50.

- Pa, S., Mandala, S. and Adiwijaya, K. (2019), ‘A new method for congestion avoidance in wireless mesh networks’, *Journal of Physics: Conference Series* **1192**, 012062.
- Rastogi, N. and Mehra, R. (2013), ‘Analysis of butterworth and chebyshev filters for ecg denoising using wavelets’, *IOSR Journal of Electronics and Communication Engineering* **6**, 37–44.
URL: <https://doi.org/10.9790/2834-0663744>
- Rathod, P., Bhalodiya, J. and Naik, S. (2022), Epilepsy detection using bi-lstm with explainable artificial intelligence, in ‘2022 IEEE 19th India Council International Conference (INDICON)’, Kochi, India, pp. 1–6.
- Singh, A. and Krishnan, S. (2023), ‘Ecg signal feature extraction trends in methods and applications’, *BioMed Eng OnLine* **22**(22).
URL: <https://doi.org/10.1186/s12938-023-01075-1>
- Singh, P. and Sharma, A. (2022), ‘Interpretation and classification of arrhythmia using deep convolutional network’, *IEEE Transactions on Instrumentation and Measurement* **71**(Art no. 2518512), 1–12.
- Ye, X., Huang, Y. and Lu, Q. (2021), Explainable prediction of cardiac arrhythmia using machine learning, in ‘2021 14th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI)’, Shanghai, China, pp. 1–5.
- Yulianti, D., Mandala, S., Zainal, A., Nasien, D., Ngadi, M. and Coulibaly, Y. (2016), ‘Performance comparison of baseline routing protocols in pocket switched network’, *Jurnal Teknologi* **78**.
 ΩÇifci et al.
- Çifci, A., İlkuçar, M. and Kırbaş, (2023), What makes survival of heart failure patients? prediction by the iterative learning approach and detailed factor analysis with the shap algorithm, in ‘Explainable Artificial Intelligence for Biomedical Applications’, River Publishers, pp. 101–122.
URL: <https://ieeexplore.ieee.org/document/10158464>