

## DAFTAR PUSTAKA

- Aamir, M. dan Ali Zaidi, S. M., 2021, Clustering based semi-supervised machine learning for DDoS attack classification, *Journal of King Saud University - Computer and Information Sciences*, Vol. 33, no. 4, pp 436–446
- Ahmed, U., Jiangbin, Z., Almogren, A., Khan, S., Sadiq, M. T., Altameem, A., dan Rehman, A. U., 2024, Explainable AI-based innovative hybrid ensemble model for intrusion detection, *Journal of Cloud Computing*, Vol. 13, no. 1, pp 150
- El Akrouchi, M., Mhada, M., Bayad, M., Hawkesford, M. J., dan Gérard, B., 2025, AI-based framework for early detection and segmentation of green citrus fruits in orchards, *Smart Agricultural Technology*, Vol. 10, pp 100834
- Alharthi, A., Alaryani, M., dan Kaddoura, S., 2025, A comparative study of machine learning and deep learning models in binary and multiclass classification for intrusion detection systems, *Array*, Vol. 26, pp 100406
- Ali, M., Haque, M., Durad, M. H., Usman, A., Mohsin, S. M., Mujlid, H., dan Maple, C., 2023, Effective Network Intrusion Detection using Stacking-Based Ensemble Approach, *International Journal of Information Security*, Vol. 22, no. 6, pp 1781–1798
- Almourish, M. H., Abduljalil, O. A. I., dan Alawi, A. E. B., 2022, Anomaly-Based Web Attacks Detection Using Machine Learning, *Proceedings of 2nd International Conference on Smart Computing and Cyber Security*, pp 306–314
- Alrefaei, A. dan Ilyas, M., 2024, Using Machine Learning Multiclass Classification Technique to Detect IoT Attacks in Real Time, *Sensors*, Vol. 24, no. 14, pp 4516
- Alsulami, M. H., 2024, Residual Dense Optimization-Based Multi-Attention Transformer to Detect Network Intrusion against Cyber Attacks, *Applied Sciences*, Vol. 14, no. 17, pp 7763
- Angiulli, F., 2019, Data Mining: Outlier Detection, hlm. 456–462, dalam *Encyclopedia of Bioinformatics and Computational Biology*, Elsevier
- Arreche, O., Guntur, T., dan Abdallah, M., 2024, XAI-IDS: Toward Proposing an Explainable Artificial Intelligence Framework for Enhancing Network Intrusion Detection Systems, *Applied Sciences*, Vol. 14, no. 10, pp 4170
- Asosiasi Penyelenggara Jasa Internet Indonesia, 2024, *Survey Penetrasi Internet Indonesia 2024*, Jakarta

- Assegie, T. A., 2022, Evaluation of the Shapley Additive Explanation Technique for Ensemble Learning Methods, *Proceedings of Engineering and Technology Innovation*, Vol. 21, pp 20–26
- Ataa, M. S., Sanad, E. E., dan El-khoribi, R. A., 2024, Intrusion detection in software defined network using deep learning approaches, *Scientific Reports*, Vol. 14, no. 1, pp 29159
- Attanasi, E. D. dan Coburn, T. C., 2021, Random Forest, hlm. 1–4, dalam *Encyclopedia of Mathematical Geosciences*, Springer International Publishing, Cham
- Badan Siber dan Sandi Negara, 2023, *Lanskap Keamanan Siber Indonesia 2023*, Jakarta
- Badia, A., 2020, Data Cleaning and Pre-processing, hlm. 77–169, dalam *SQL for Data Science: Data Cleaning, Wrangling and Analytics with Relational Databases*, Springer International Publishing, Cham
- Bakro, M., Kumar, R. R., Husain, M., Ashraf, Z., Ali, A., Yaqoob, S. I., Ahmed, M. N., dan Parveen, N., 2024, Building a Cloud-IDS by Hybrid Bio-Inspired Feature Selection Algorithms Along With Random Forest Model, *IEEE Access*, Vol. 12, pp 8846–8874
- Bentéjac, C., Csörgő, A., dan Martínez-Muñoz, G., 2021, A comparative analysis of gradient boosting algorithms, *Artificial Intelligence Review*, Vol. 54, no. 3, pp 1937–1967
- Beulah, J. R. dan Punithavathani, D. S., 2020, An Efficient Mixed Attribute Outlier Detection Method for Identifying Network Intrusions, *International Journal of Information Security and Privacy*, Vol. 14, no. 3, pp 115–133
- Bhutta, A. A., Nisa, M. un, dan Mian, A. N., 2024, Lightweight real-time WiFi-based intrusion detection system using LightGBM, *Wireless Networks*, Vol. 30, no. 2, pp 749–761
- Bibers, I., Arreche, O., Alayed, W., dan Abdallah, M., 2025, Ensemble-IDS: An Ensemble Learning Framework for Enhancing AI-Based Network Intrusion Detection Tasks, *Applied Sciences*, Vol. 15, no. 19, pp 10579
- Bichri, H., Chergui, A., dan Hain, M., 2024, Investigating the Impact of Train / Test Split Ratio on the Performance of Pre-Trained Models with Custom Datasets, *International Journal of Advanced Computer Science and Applications*, Vol. 15, no. 2, pp 331–339
- Bikmukhamedov, R. F. dan Nadeev, A. F., 2019, Lightweight Machine Learning Classifiers of IoT Traffic Flows, hlm. 1–5, dalam *2019 Systems of Signal*

*Synchronization, Generating and Processing in Telecommunications (SYNCHROINFO)*, IEEE

- Borrohou, S., Fissoune, R., dan Badir, H., 2023, Data cleaning survey and challenges – improving outlier detection algorithm in machine learning, *Journal of Smart Cities and Society*, Vol. 2, no. 3, pp 125–140
- Boudali, I., Chebaane, S., dan Zitouni, Y., 2024, A predictive approach for myocardial infarction risk assessment using machine learning and big clinical data, *Healthcare Analytics*, Vol. 5, pp 100319
- Chamlal, H., Ouaderhman, T., dan Aaboub, F., 2022, A Graph Based Preordonnances Theoretic Supervised Feature Selection in High Dimensional Data, *Knowledge-Based Systems*, Vol. 257, pp 109899
- Chauhan, P. dan Atulkar, M., 2023, An efficient centralized DDoS attack detection approach for Software Defined Internet of Things, *The Journal of Supercomputing*, Vol. 79, no. 9, pp 10386–10422
- Chawla, N. V., Bowyer, K. W., Hall, L. O., dan Kegelmeyer, W. P., 2002, SMOTE: Synthetic Minority Over-sampling Technique, *Journal of Artificial Intelligence Research*, Vol. 16, pp 321–357
- Chinnasamy, R., Subramanian, M., Easwaramoorthy, S. V., dan Cho, J., 2025, Deep learning-driven methods for network-based intrusion detection systems: A systematic review, *ICT Express*, Vol. 11, no. 1, pp 181–215
- Ch'ng, C. K. dan Mahat, N. I., 2020, Winsorize tree algorithm for handling outlier in classification problem, *International Journal of Operational Research*, Vol. 38, no. 2, pp 278–293
- CrowdStrike, 2024, *CrowdStrike 2024 Global Threat Report*, CrowdStrike, Texas
- Dankan Gowda, V., Prasad, K. D. V., Gite, P., Premkumar, S., Hussain, N., dan Chinamuttevi, V. S., 2023, A novel RF-SMOTE model to enhance the definite apprehensions for IoT security attacks, *Journal of Discrete Mathematical Sciences and Cryptography*, Vol. 26, no. 3, pp 861–873
- Dash, Ch. S. K., Behera, A. K., Dehuri, S., dan Ghosh, A., 2023, An outliers detection and elimination framework in classification task of data mining, *Decision Analytics Journal*, Vol. 6, pp 100164
- Du, K.-L. dan Swamy, M. N. S., 2019, Multilayer Perceptrons: Architecture and Error Backpropagation, hlm. 97–141, dalam *Neural Networks and Statistical Learning*, Springer London, London
- El-Hassani, F. Z., Amri, M., Joudar, N.-E., dan Haddouch, K., 2024, A New Optimization Model for MLP Hyperparameter Tuning: Modeling and Resolution

- by Real-Coded Genetic Algorithm, *Neural Processing Letters*, Vol. 56, no. 2, pp 105
- Elreedy, D., Atiya, A. F., dan Kamalov, F., 2024, A theoretical distribution analysis of synthetic minority oversampling technique (SMOTE) for imbalanced learning, *Machine Learning*, Vol. 113, no. 7, pp 4903–4923
- Fitzmaurice, G., 2008, Missing data: implications for analysis, *Nutrition*, Vol. 24, no. 2, pp 200–202
- Fontanari, T., Fróes, T. C., dan Mendoza, M. R., 2022, Cross-validation Strategies for Balanced and Imbalanced Datasets, hlm. 626–640, dalam *BRACIS 2022*, Springer International Publishing
- Gao, C. X., Dwyer, D., Zhu, Y., Smith, C. L., Du, L., Folia, K. M., Bayer, J., Menssink, J. M., Wang, T., Bergmeir, C., Wood, S., dan Cotton, S. M., 2023, An overview of clustering methods with guidelines for application in mental health research, *Psychiatry Research*, Vol. 327, pp 115265
- Gebreyesus, Y., Dalton, D., De Chiara, D., Chinnici, M., dan Chinnici, A., 2024, AI for Automating Data Center Operations: Model Explainability in the Data Centre Context Using Shapley Additive Explanations (SHAP), *Electronics*, Vol. 13, no. 9, pp 1628
- Guo, X., Zhang, J., dan Fang, Y., 2020, Regression Function Comparison for Paired Data, *Journal of Systems Science and Complexity*, Vol. 33, no. 5, pp 1558–1570
- Gutiérrez, Ó. M., Núñez, J. C. S., Ávila, M., dan Caro, A., 2024, A detailed study of resampling algorithms for cyberattack classification in engineering applications, *PeerJ Computer Science*, Vol. 10, pp 1–38
- Hajj, S., El Sibai, R., Bou Abdo, J., Demerjian, J., Makhoul, A., dan Guyeux, C., 2021, Anomaly-based intrusion detection systems: The requirements, methods, measurements, and datasets, *Transactions on Emerging Telecommunications Technologies*, Vol. 32, no. 4, pp e4240
- Han, D., Li, H., dan Fu, X., 2024, Reflective Distributed Denial of Service Detection: A Novel Model Utilizing Binary Particle Swarm Optimization—Simulated Annealing for Feature Selection and Gray Wolf Optimization-Optimized LightGBM Algorithm, *Sensors*, Vol. 24, no. 19, pp 6179
- Hasanah, M., Putri, R. A., Aidie, M., Putra, R., dan Ahmad, T., 2024a, Analysis of Weight-Based Voting Classifier for Intrusion Detection System, *International Journal of Intelligent Engineering and Systems*, Vol. 17, no. 2, pp 190 – 200

- Hasanah, M., Putri, R. A., Aidie, M., Putra, R., dan Ahmad, T., 2024b, Analysis of Weight-Based Voting Classifier for Intrusion Detection System, *International Journal of Intelligent Engineering and Systems*, Vol. 17, no. 2, pp 190 – 200
- He, Z., Tao, J., Leng, Q., Zhai, J., dan Wang, C., 2023a, HS-Gen: a hypersphere-constrained generation mechanism to improve synthetic minority oversampling for imbalanced classification, *Complex & Intelligent Systems*, Vol. 9, no. 4, pp 3971–3988
- He, N., Zhang, Z., Wang, X., dan Gao, T., 2023b, Efficient Privacy-Preserving Federated Deep Learning for Network Intrusion of Industrial IoT, (A. Hošovský, Ed.), *International Journal of Intelligent Systems*, Vol. 2023, no. 1, pp 2956990
- Hermosilla, P., Berríos, S., dan Allende-Cid, H., 2025, Explainable AI for Forensic Analysis: A Comparative Study of SHAP and LIME in Intrusion Detection Models, *Applied Sciences*, Vol. 15, no. 13, pp 7329
- Hu, J., Song, Z., Si, J., Cao, G., Nie, L., dan Chen, A., 2023, Prediction of Rock Mass Parameters Based on PCA and Random Forest Method, *Geotechnical and Geological Engineering*, Vol. 41, no. 8, pp 4629–4640
- Iranzad, R. dan Liu, X., 2025, A review of random forest-based feature selection methods for data science education and applications, *International Journal of Data Science and Analytics*, Vol. 20, no. 2, pp 197–211
- Jaccard, P., 1901, Distribution de la Flore Alpine Dans le Bassin des Dranses et Dans Quelques Régions Voisines, *Bulletin de la Société Vaudoise Des Sciences Naturelles*, Vol. 37, no. 140, pp 547–579
- Jadwal, P. K., Jain, S., Pathak, S., dan Agarwal, B., 2022, Improved resampling algorithm through a modified oversampling approach based on spectral clustering and SMOTE, *Microsystem Technologies*, Vol. 28, no. 12, pp 2669–2677
- Jeamaon, A. dan Khemapatapan, C., 2024, Development Cyber Risk Assessment for Intrusion Detection Using Enhanced Random Forest, *ECTI Transactions on Computer and Information Technology (ECTI-CIT)*, Vol. 18, no. 4, pp 429–442
- Jemili, F., Meddeb, R., dan Korbaa, O., 2024, Intrusion detection based on ensemble learning for big data classification, *Cluster Computing*, Vol. 27, no. 3, pp 3771–3798
- Jin, D., Lu, Y., Qin, J., Cheng, Z., dan Mao, Z., 2020, SwiftIDS: Real-time intrusion detection system based on LightGBM and parallel intrusion detection mechanism, *Computers & Security*, Vol. 97, pp 101984

- Khafajeh, H., 2020, An efficient intrusion detection approach using light gradient boosting, *Journal of Theoretical and Applied Information Technology*, Vol. 98, no. 5, pp 825–835
- Kishore, R. S. dan Bhaskari, D. L., 2023, Cyber Crime Detection and Prevention Techniques on Cyber Cased Objects Using SVM and Smote, *International Journal on Recent and Innovation Trends in Computing and Communication*, Vol. 11, no. 8, pp 259–270
- Kurniabudi, Stiawan, D., Darmawijoyo, Bin Idris, M. Y., Bamhdi, A. M., dan Budiarto, R., 2020, CICIDS-2017 Dataset Feature Analysis With Information Gain for Anomaly Detection, *IEEE Access*, Vol. 8, pp 132911–132921
- Kustiawan, Y. A. dan Ghauth, K. I., 2025, PhishOFE: A Novel Machine Learning Framework for Real-Time Phishing URL Detection With Optimized Feature Engineering, *IEEE Access*, Vol. 13, pp 169606–169627
- Lee, H. dan Yun, S., 2024, Strategies for Imputing Missing Values and Removing Outliers in the Dataset for Machine Learning-Based Construction Cost Prediction, *Buildings*, Vol. 14, no. 4, pp 933
- Li, P., Zhang, Y., Gu, J., dan Duan, S., 2024, Prediction of compressive strength of concrete based on improved artificial bee colony-multilayer perceptron algorithm, *Scientific Reports*, Vol. 14, no. 1, pp 6414
- Mallampati, S. B. dan Hari, S., 2023, Fusion of Feature Ranking Methods for an Effective Intrusion Detection System, *Computers, Materials & Continua*, Vol. 76, no. 2, pp 1721–1744
- Mellenbergh, G. J., 2019, Outliers, hlm. 293–308, dalam *Counteracting Methodological Errors in Behavioral Research*, Springer International Publishing, Cham
- Mohammadpour, L., Ling, T. C., Liew, C. S., dan Aryanfar, A., 2022, A Survey of CNN-Based Network Intrusion Detection, *Applied Sciences*, Vol. 12, no. 16, pp 8162
- Mosca, E., Szigeti, F., Tragianni, S., Gallagher, D., dan Groh, G., 2022, SHAP-Based Explanation Methods: A Review for NLP Interpretability, hlm. 4593–4603, dalam *Proceedings of the 29th International Conference on Computational Linguistics*, International Committee on Computational Linguistics, Gyeongju, Republic of Korea
- Muhammad Ali, P. J., 2022, Investigating the Impact of Min-Max Data Normalization on the Regression Performance of K-Nearest Neighbor with Different Similarity Measurements, *ARO-THE SCIENTIFIC JOURNAL OF KOYA UNIVERSITY*, Vol. 10, no. 1, pp 85–91

- Musthafa, M. B., Huda, S., Kodera, Y., Ali, Md. A., Araki, S., Mwaura, J., dan Nogami, Y., 2024, Optimizing IoT Intrusion Detection Using Balanced Class Distribution, Feature Selection, and Ensemble Machine Learning Techniques, *Sensors*, Vol. 24, no. 13, pp 4293
- Natkaniec, M. dan Bednarz, M., 2023, Wireless Local Area Networks Threat Detection Using 1D-CNN, *Sensors*, Vol. 23, no. 12, pp 5507
- Nikov, M., Strnad, D., dan Podgorelec, D., 2025, Prunability of Multi-Layer Perceptrons Trained with the Forward-Forward Algorithm, *Mathematics*, Vol. 13, no. 16, pp 2668
- Ning, Z., Jiang, Z., dan Zhang, D., 2023, Sparse Projection Infinite Selection Ensemble for Imbalanced Classification, *Knowledge-Based Systems*, Vol. 262, pp 110246
- Nohara, Y., Matsumoto, K., Soejima, H., dan Nakashima, N., 2019, Explanation of Machine Learning Models Using Improved Shapley Additive Explanation, hlm. 546, dalam *Proceedings of the 10th ACM International Conference on Bioinformatics, Computational Biology and Health Informatics*, Association for Computing Machinery, New York, USA
- Nousi, P. dan Tefas, A., 2024, Deep Label Embedding Learning for Classification, *Applied Soft Computing*, Vol. 163, pp 111925
- Di Nunno, F., Zhu, S., Ptak, M., Sojka, M., dan Granata, F., 2023, A stacked machine learning model for multi-step ahead prediction of lake surface water temperature, *Science of The Total Environment*, Vol. 890, pp 164323
- Panwar, S. S., Raiwani, Y. P., dan Panwar, L. S., 2022, An Intrusion Detection Model for CICIDS-2017 Dataset Using Machine Learning Algorithms, hlm. 1–10, dalam *2022 International Conference on Advances in Computing, Communication and Materials (ICACCM)*, IEEE
- Pargent, F., Pfisterer, F., Thomas, J., dan Bischl, B., 2022, Regularized target encoding outperforms traditional methods in supervised machine learning with high cardinality features, *Computational Statistics*, Vol. 37, no. 5, pp 2671–2692
- Rácz, A., Bajusz, D., dan Héberger, K., 2021, Effect of Dataset Size and Train/Test Split Ratios in QSAR/QSPR Multiclass Classification, *Molecules*, Vol. 26, no. 4, pp 1111
- Raghuwanshi, B. S. dan Shukla, S., 2021, Classifying imbalanced data using SMOTE based class-specific kernelized ELM, *International Journal of Machine Learning and Cybernetics*, Vol. 12, no. 5, pp 1255–1280
- Raiaan, M. A. K., Sakib, S., Fahad, N. M., Mamun, A. Al, Rahman, Md. A., Shatabda, S., dan Mukta, Md. S. H., 2024, A systematic review of hyperparameter

- optimization techniques in Convolutional Neural Networks, *Decision Analytics Journal*, Vol. 11, pp 1–32
- Rashedi, K. A., Ismail, M. T., Al Wadi, S., Serroukh, A., Alshammari, T. S., dan Jaber, J. J., 2024, Multi-Layer Perceptron-Based Classification with Application to Outlier Detection in Saudi Arabia Stock Returns, *Journal of Risk and Financial Management*, Vol. 17, no. 2, pp 69
- Ruiz-Villafranca, S., Roldán-Gómez, J., Gómez, J. M. C., Carrillo-Mondéjar, J., dan Martinez, J. L., 2024, A TabPFN-based intrusion detection system for the industrial internet of things, *The Journal of Supercomputing*, Vol. 80, no. 14, pp 20080–20117
- Sameera, N. dan Shashi, M., 2020, Encoding Approach for Intrusion Detection Using PCA and KNN Classifier, hlm. 187–199
- Selvakumar, B., Sivaanandh, M., Muneeswaran, K., dan Lakshmanan, B., 2025, Ensemble of Feature Augmented Convolutional Neural Network and Deep Autoencoder for Efficient Detection of Network Attacks, *Scientific Reports*, Vol. 15, no. 1, pp 4267
- Selvam, R. dan Velliangiri, S., 2024, An Improving Intrusion Detection Model Based on Novel CNN Technique Using Recent CIC-IDS Datasets, hlm. 1–6, dalam *2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT)*
- Shafieian, S. dan Zulkernine, M., 2023, Multi-layer stacking ensemble learners for low footprint network intrusion detection, *Complex & Intelligent Systems*, Vol. 9, no. 4, pp 3787–3799
- Sharafaldin, I., Lashkari, A. H., dan Ghorbani, A. A., 2018, Toward Generating a New Intrusion Detection Dataset and Intrusion Traffic Characterization, hlm. 108–116, dalam *Proceedings of the 4th International Conference on Information Systems Security and Privacy*, SCITEPRESS - Science and Technology Publications
- Sharifnia, A. M., Kpormegbey, D. E., Thapa, D. K., dan Cleary, M., 2025, A Primer of Data Cleaning in Quantitative Research: Handling Missing Values and Outliers, *Journal of Advanced Nursing*, pp 1–6
- Slimani, C., Morge-Rollet, L., Lemarchand, L., Espes, D., Le Roy, F., dan Boukhobza, J., 2025, A study on characterizing energy, latency and security for Intrusion Detection Systems on heterogeneous embedded platforms, *Future Generation Computer Systems*, Vol. 162, pp 107473
- Talebi, H., Samadianfard, S., dan Kamran, K. V., 2023, Investigating the roles of different extracted parameters from satellite images in improving the accuracy of

- daily reference evapotranspiration estimation, *Applied Water Science*, Vol. 13, no. 2, pp 59
- Tang, D. D., Nguyen, V. Q., Nguyen, V. H., Nguyen, T. C., dan Shone, N., 2024, A Novel Deep Learning Approach with Magnet Loss Optimization for Website Attack Detection, hlm. 1–6, dalam *2024 1st International Conference On Cryptography And Information Security (VCRIS)*
- Uppal, A., Awasthi, Y., dan Srivastava, A., 2025, Machine learningbased approaches for enhancing human resource management using automated employee performance prediction systems, *International Journal of Organizational Analysis*, Vol. 33, no. 8, pp 2307–2346
- Wang, Z., Tsai, C. F., dan Lin, W. C., 2021, Data cleaning issues in class imbalanced datasets: instance selection and missing values imputation for one-class classifiers, *Data Technologies and Applications*, Vol. 55, no. 5, pp 771–787
- Wang, L., Ye, W., Zhu, Y., Yang, F., dan Zhou, Y., 2023, Optimal parameters selection of back propagation algorithm in the feedforward neural network, *Engineering Analysis with Boundary Elements*, Vol. 151, pp 575–596
- Widodo, A. O., Setiawan, B., dan Indraswari, R., 2024, Machine Learning-Based Intrusion Detection on Multi-Class Imbalanced Dataset Using SMOTE, *Procedia Computer Science*, Vol. 234, pp 578–583
- Yan, J., Xu, Y., Cheng, Q., Jiang, S., Wang, Q., Xiao, Y., Ma, C., Yan, J., dan Wang, X., 2021, LightGBM: accelerated genomically designed crop breeding through ensemble learning, *Genome Biology*, Vol. 22, no. 1, pp 271
- Yang, Y., Wang, Y., dan Zhang, X., 2024, Research on power system small signal stability analysis and correction based on LightGBM algorithm, *Electrical Engineering*, Vol. 106, no. 4, pp 4469–4486
- Yousefi, M., Rahmani, K., Rajabi, M., Reyhani, A., dan Moudi, M., 2024, Random forest classifier for high entropy alloys phase diagnosis, *Afrika Matematika*, Vol. 35, no. 3, pp 57
- Zhang, D., Huang, D., Chen, Y., Lin, S., dan Li, C., 2025, A lightweight IoT intrusion detection method based on two-stage feature selection and Bayesian optimization, *AIMS Electronics and Electrical Engineering*, Vol. 9, no. 3, pp 359–389
- Zhang, Y., Zhu, C., dan Wang, Q., 2020, LightGBM-based model for metro passenger volume forecasting, *IET Intelligent Transport Systems*, Vol. 14, no. 13, pp 1815–1823

- Zhao, G., Wang, Y., dan Wang, J., 2023, Intrusion Detection Model of Internet of Things Based on LightGBM, *IEICE Transactions on Communications*, Vol. E106.B, no. 8, pp 622–634
- Zhuang, H., Liu, X., Wang, H., Qin, C., Li, Y., Li, W., Dan Shi, Y., 2021, Diagnosis Of Early Stage Parkinson's Disease On Quantitative Susceptibility Mapping Using Complex Network With One-Way Anova F-Test Feature Selection, *Journal Of Mechanics In Medicine And Biology*, Vol. 21, No. 05, Pp 2140026



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