

DAFTAR PUSTAKA

- Abdallah, W. dan Alghamdi, M. (2025) “AIP-Urban: Edge-Enabled Deep Learning Framework for Predictive Maintenance and Anomaly Detection in Urban Traffic Infrastructure”, *Systems*, 13(12), 1117. Tersedia pada: <https://doi.org/10.3390/systems13121117>.
- Akter, T. dkk. (2021). Improved transfer-learning-based facial recognition framework to detect autistic children at an early stage. *Brain Sciences*, 11(6), 734. Tersedia Pada: <https://doi.org/10.3390/brainsci11060734>.
- Andreansyah, A. dan Supardi, J. (2025) “VGG-16 Accuracy Optimization for Fingerprint Pattern Imager Classification”, *Journal of SISFOKOM (Information and Computer Systems)*, 14(1), hlm. 42–48. Tersedia pada: <https://doi.org/10.32736/sisfokom.v14i1.2317>.
- Dai, W. dkk. (2025) “Convergence-aware operator-wise mixed-precision training”, *CCF Transactions on High Performance Computing*, 7, hlm. 43–57. Tersedia pada: <https://doi.org/10.1007/s42514-024-00208-9>.
- Dosovitskiy, A. dkk. (2021) “An image is worth 16×16 words: Transformers for image recognition at scale”, *arXiv preprint*. Tersedia pada: <https://doi.org/10.48550/arXiv.2010.11929>.
- Darwish, D. (2024) “Improving Techniques for Convolutional Neural Networks Performance”, *European Journal of Electrical Engineering and Computer Science*, 8(1), hlm. 1–16. Tersedia pada: <https://doi.org/10.24018/ejece.2024.8.1.596>.
- Das, P.K. dkk. (2024) “Deep Learning for Plant Disease Detection and Classification: A Systematic Analysis and Review”, *Current Applied Science and Technology*, 24(4), e0259016. Tersedia pada: <https://doi.org/10.55003/cast.2024.259016>.
- Ertel, M. dkk. (2023) “Predicting the Severity of New SARS-CoV-2 Variants in Vaccinated Patients Using Machine Learning”, *Journal of Theoretical and Applied Information Technology*, 101(10), hlm. 4078–4086. Tersedia pada: www.jatit.org
- Guo, J. dkk. (2023) “AsConvSR: Fast and Lightweight Super-Resolution Network

- with Assembled Convolutions”, arXiv preprint arXiv:2305.03387v1. Tersedia pada: <https://doi.org/10.48550/arXiv.2305.03387>.
- Hinojosa Lee, M.C. dkk. (2024) “Performance Metrics for Multilabel Emotion Classification: Comparing Micro, Macro, and Weighted F1-Scores”, *Applied Sciences*, 14(21), 9863. Tersedia pada: <https://doi.org/10.3390/app14219863>.
- Hossen, M.I. dkk. (2025) “Transfer learning in agriculture: A review”, *Artificial Intelligence Review*, 58. Tersedia pada: <https://doi.org/10.1007/s10462-024-11081-x>.
- Khan, Z. dkk. (2023) “Plant disease detection model for edge computing devices”, *Frontiers in Plant Science*, 14. Tersedia pada: <https://doi.org/10.3389/fpls.2023.1308528>.
- Kim, G. dan Bak, Y. (2025) “Forward and backpropagation-based artificial neural network modeling method for power conversion system”, *Electronics*, 14(23). Tersedia pada: <https://doi.org/10.3390/electronics14234718>.
- Kinasih, F.M.T.R. dkk. (2023) “Two-stage multiple object detection using CNN and correlative filter for accuracy improvement”, *Heliyon*, 9, e12716. Tersedia pada: <https://doi.org/10.1016/j.heliyon.2022.e12716>.
- Kumar, R. (2025) “APTX Neuron: A Unified Trainable Neuron Architecture Integrating Activation and Computation”, *arXiv preprint*. Tersedia pada: <https://doi.org/10.48550/arXiv.2507.14270>.
- Li, C. dkk. (2025) “A survey of loss functions in deep learning”, *Mathematics*, 13. Tersedia pada: <https://doi.org/10.3390/math13152417>.
- Li, Z. dkk. (2023) “PMVT: A lightweight vision transformer for plant disease”, *Frontiers in Plant Science*, 14. Tersedia pada: <https://doi.org/10.3389/fpls.2023.1256773>.
- Liu, X. dkk. (2023) “EfficientViT: Memory Efficient Vision Transformer with Cascaded Group Attention”, arXiv:2305.07027. Tersedia pada: <https://doi.org/10.48550/arXiv.2305.07027>.
- Lu, J. dkk. (2023) “Improved MobileNetV2 crop disease identification model for intelligent agriculture”, *PeerJ Computer Science*, 9, e1595. Tersedia pada: <https://doi.org/10.7717/peerj-cs.1595>.

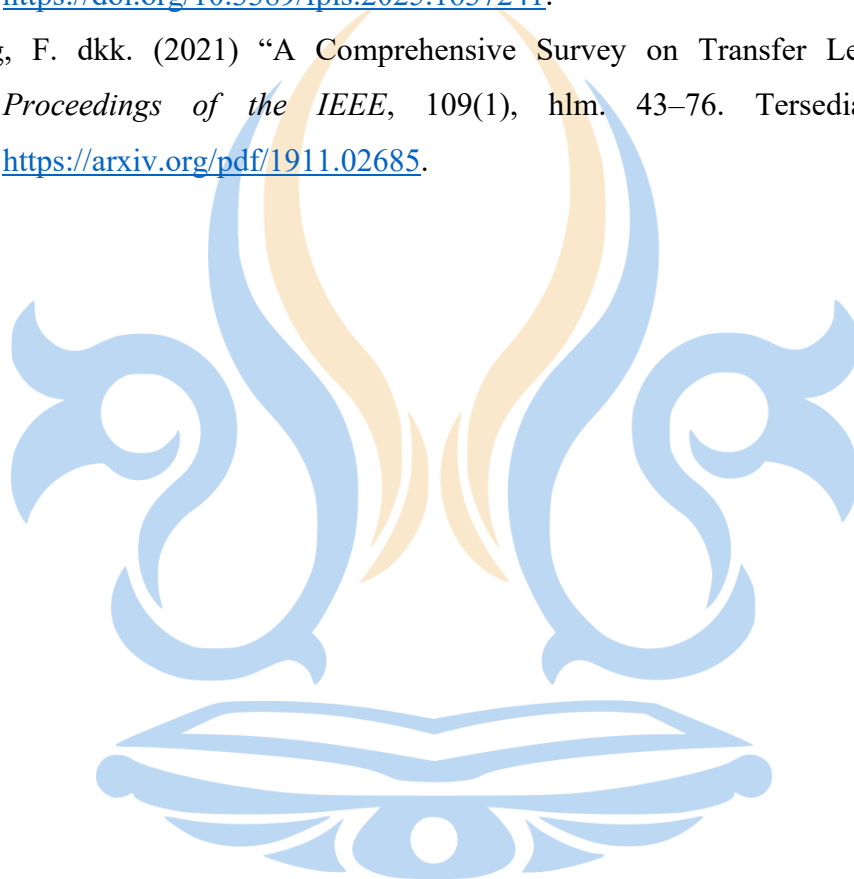
- Lu, J., Tan, L. dan Jiang, H. (2021) "Review on convolutional neural network (CNN) applied to plant leaf disease classification", *Agriculture*, 11(8), 707. Tersedia pada: <https://doi.org/10.3390/agriculture11080707>.
- Mehta, S. dan Rastegari, M. (2022) "MobileViT: Light-weight, general-purpose, and mobile-friendly vision transformer", dalam *Proceedings of the International Conference on Learning Representations (ICLR 2022)*. Tersedia pada: <https://doi.org/10.48550/arXiv.2110.02178>.
- Mehta, S. dan Rastegari, M. (2023) "Separable self-attention for mobile vision transformers (MobileViTv2)", *arXiv preprint*. Tersedia pada: <https://doi.org/10.48550/arXiv.2206.02680>.
- Mishra, U. dkk. (2026) "Deep Learning-Based Disease Detection in Potato and Mango Leaves: A Comparative Study of CNN, AlexNet, ResNet, and EfficientNet", *Scientific Reports*, 16, 2788. Tersedia pada: <https://doi.org/10.1038/s41598-025-32607-5>.
- Osuto, D.A., Ouma, H.A. dan Mwema, W.N. (2025) "Parameter reduction in convolutional neural networks with kernel transposition", *Journal of Electrical Systems and Information Technology*, 12(101). Tersedia pada: <https://doi.org/10.1186/s43067-025-00287-w>.
- Peng, W. dkk. (2025) "PVConv: Enhancing depthwise separable convolution via preference-value learning for similar-feature discrimination", *Electronics*, 14(24). Tersedia pada: <https://doi.org/10.3390/electronics14244978>.
- Qin, Z. dkk. (2024) "MobileNetV4 universal models for the mobile ecosystem", *arXiv preprint*. Tersedia pada: <https://doi.org/10.48550/arXiv.2404.10518>.
- Shim, J. W. (2024) "Enhancing Cross Entropy with a Linearly Adaptive Loss Function for Optimized Classification Performance", *Scientific Reports*, 14, 27405. Tersedia pada: <https://doi.org/10.1038/s41598-024-78858-6>.
- Simhadri, C.G. dkk. (2025) "Deep Learning for Rice Leaf Disease Detection: A Systematic Literature Review on Emerging Trends, Methodologies and Techniques", *Information Processing in Agriculture*, 12, hlm. 151–168. Tersedia pada: <https://doi.org/10.1016/j.inpa.2024.04.006>.
- Tian, C. dkk. (2025) "A Survey on Deep Learning Fundamentals", *Artificial Intelligence Review*, 58, 381. Tersedia pada:

<https://doi.org/10.1007/s10462-025-11368-7>.

Zhang, H. dkk. (2025) “Hyperspectral Imaging-Based Deep Learning Method for Detecting Quarantine Diseases in Apples”, *Foods*, 14(18), 3246. Tersedia pada: <https://doi.org/10.3390/foods14183246>.

Zhao, J. dkk. (2025) “A review of plant leaf disease identification by deep learning algorithms”, *Frontiers in Plant Science*, 16, 1637241. Tersedia pada: <https://doi.org/10.3389/fpls.2025.1637241>.

Zhuang, F. dkk. (2021) “A Comprehensive Survey on Transfer Learning”, *Proceedings of the IEEE*, 109(1), hlm. 43–76. Tersedia pada: <https://arxiv.org/pdf/1911.02685>.



INSTITUT TEKNOLOGI
K A L I M A N T A N