

DAFTAR PUSTAKA

- Abdukarem, Ahmed Mohammed and Ahmed Zeyad Almhanna. 2025. "Leveraging Machine Learning for Proactive Network Security Threat Detection: Techniques, Challenges, and Future Directions". *Dijlah Journal of Engineering Science (DJES)* 2: 109–119.
- Abdullah, Walid. 2025. "Advanced Fruit Quality Assessment Using Deep Learning and Transfer Learning Technique". *Sustainable Machine Intelligence Journal* 10: 37–49. <<https://doi.org/10.61356/smij.2025.10450>>.
- Albawi, Saad, Tareq Abed Mohammed and Saad Al-Zawi. 2017. "Understanding of a Convolutional Neural Network". In: . *Proceedings of 2017 International Conference on Engineering and Technology, ICET 2017*. Institute of Electrical and Electronics Engineers Inc. 2018-January: 1–6. <<https://doi.org/10.1109/ICEngTechnol.2017.8308186>>.
- Alom, Md Zahangir, Tarek M. Taha, Chris Yakopcic, Stefan Westberg, Paheding Sidike, Mst Shamima Nasrin, Mahmudul Hasan, Brian C. Van Essen, Abdul A.S. Awwal and Vijayan K. Asari. 2019. "A State-of-the-Art Survey on Deep Learning Theory and Architectures". *Electronics (Switzerland)*. MDPI AG. <<https://doi.org/10.3390/electronics8030292>>.
- Berliani, Tasya, Enggalwiguno Rahardja and Lina Septiana. 2023. "Perbandingan Kemampuan Klasifikasi Citra X-Ray Paru-Paru Menggunakan Transfer Learning ResNet-50 Dan VGG-16". *Journal of Medicine and Health* 5: 123–135. <<https://doi.org/10.28932/jmh.v5i2.6116>>.
- BPS. 2024. "BADAN PUSAT STATISTIK BPS-STATISTICS INDONESIA".
- Caspar Norée Palm & Hugo Granström. 2021. "Teknisk-Naturvetenskaplig Fakultet UTH-Enheten". <<http://www.teknat.uu.se/student>>.
- Chen, Leiyu, Shaobo Li, Qiang Bai, Jing Yang, Sanlong Jiang and Yanming Miao. 2021. "Review of Image Classification Algorithms Based on Convolutional Neural Networks". *Remote Sensing*. MDPI. <<https://doi.org/10.3390/rs13224712>>.
- Ghasemi, Reza and Mohsen Yoosefi Nejad. 2025. "An Efficient Fuzzy Filter for Impulse Noise Reduction in Color Images" 14: 27–36. <<https://doi.org/10.22034/jscit.2025.218868>>.
- Hasibuan, Achmad Alwi, Ali Amran Nst, Aldi Antoni, Ray Handika, Budi Yanto, Akhmad Zulkifli and Ahmad Alwi Hasibuan. 2024. "Advanced Classification of Oil Palm Fruit Ripeness Deep Learning for Enhanced Agricultural Efficiency". *Journal of ICT Application and System (JICTAS)* 3: 75–84. <<https://doi.org/10.56313/jictas.v1i1.3i2>>.
- He, Kaiming, Xiangyu Zhang, Shaoqing Ren and Jian Sun. 2016. "Deep Residual Learning for Image Recognition". <<http://image-net.org/challenges/LSVRC/2015/>>.
- Jie, Huang Jin and Putra Wanda. 2020. "Runpool: A Dynamic Pooling Layer for Convolution Neural Network". *International Journal of Computational Intelligence Systems* 13: 66–76. <<https://doi.org/10.2991/ijcis.d.200120.002>>.
- Khatib Sulaiman, Jln, Fauzan Muhammad, Aniati Murni Arimurthy, Dina Chahyati and Informasi Artikel Abstrak. 2023. "Transfer Learning Dengan Metode Fine Tuning Pada Model Network VGG16 Dan ResNet50". *Indonesian Journal of Computer Science*

- Attribution* 12: 361.
<https://doi.org/http://ijcs.net/ijcs/index.php/ijcs/article/view/3130> [accessed 26 August 2025].
- Kim, Hee E., Alejandro Cosa-Linan, Nandhini Santhanam, Mahboubeh Jannesari, Mate E. Maros and Thomas Ganslandt. 2022. "Transfer Learning for Medical Image Classification: A Literature Review". *BMC Medical Imaging*. BioMed Central Ltd. <<https://doi.org/10.1186/s12880-022-00793-7>>.
- klasifikasi-testing. 2022. "Klasifikasi-Testing". 2022. 2022 <<https://universe.roboflow.com/klasifikasi-testing/klasifikasi-kematangan-sawit>> [accessed 15 October 2025].
- Lyu, Wenjie, Shang Lou, Jieying Huang, Zelun Huang, Haoran Zheng, Huangan Liao, Yu Qiao and Kexiong OuYang. 2025. "Assessing the Spatial Relationship between Mandibular Third Molars and the Inferior Alveolar Canal Using a Deep Learning-Based Approach: A Proof-of-Concept Study". *BMC Oral Health* 25. <<https://doi.org/10.1186/s12903-025-06539-5>>.
- Mansour, Mohamed Yasser Mohamed Ahmed, Katrina D. Dambul and Kan Yeep Choo. 2022. "Object Detection Algorithms for Ripeness Classification of Oil Palm Fresh Fruit Bunch". *International Journal of Technology* 13: 1326–1335. <<https://doi.org/10.14716/ijtech.v13i6.5932>>.
- Mommoh, Joshua S., James L. Obetta, Samuel N. John, Kennedy Okokpujie, Osemwegie N. Omoruyi and Ayokunle A. Awelewa. 2024. "Detection of Fruit Ripeness and Defectiveness Using Convolutional Neural Networks". *Information Dynamics and Applications* 3: 184–199. <<https://doi.org/10.56578/ida030304>>.
- Mukhamediev, Ravil I., Adilkhan Symagulov, Yan Kuchin, Kirill Yakunin and Marina Yelis. 2021. "From Classical Machine Learning to Deep Neural Networks: A Simplified Scientometric Review". *Applied Sciences (Switzerland)* 11. <<https://doi.org/10.3390/app11125541>>.
- Pardede, Jasman, Benhard Sitohang, Saiful Akbar and Masayu Leylia Khodra. 2021. "Implementation of Transfer Learning Using VGG16 on Fruit Ripeness Detection". *International Journal of Intelligent Systems and Applications* 13: 52–61. <<https://doi.org/10.5815/ijisa.2021.02.04>>.
- Pardo-Beainy, Camilo, Carlos Parra, Leonardo Solaque and Won Suk Lee. 2025. "Deep Learning and Georeferenced RGB-D Imaging for Hydroponic Strawberry Yield Mapping". *Smart Agricultural Technology* 12. <<https://doi.org/10.1016/j.atech.2025.101293>>.
- Pei, Xiaolong, Yu hong Zhao, Liwen Chen, Qingwei Guo, Zhiqiang Duan, Yue Pan and Hua Hou. 2023. "Robustness of Machine Learning to Color, Size Change, Normalization, and Image Enhancement on Micrograph Datasets with Large Sample Differences". *Materials and Design* 232. <<https://doi.org/10.1016/j.matdes.2023.112086>>.
- Prasiwinigrum, Elyandri and Adyanata Lubis. 2024. "Classification Of Palm Oil Maturity Using CNN (Convolution Neural Network) Modelling RestNet 50". *Decode: Jurnal Pendidikan Teknologi Informasi* 4: 983–999. <<https://doi.org/10.51454/decode.v4i3.822>>.

- Ramadani, Zikri. 2022. "Ripeness of Oil Palm Fruit". 2022 <<https://www.kaggle.com/datasets/ramadanizikri112/ripeness-of-oil-palm-fruit?resource=download>> [accessed 15 October 2025].
- Simonyan, Karen and Andrew Zisserman. 2015. "Very Deep Convolutional Networks for Large-Scale Image Recognition", April. <<http://arxiv.org/abs/1409.1556>>.
- Sumari, Putra, Mustafa M Abd Zaid, Ahmed Kateb Jumaah Nussairi, Shaffiah binti Mohd, Ling Gaomian, Devinna Win Anak Boniface Emang and Chew Yee Ling. 2025. "Papaya Fruit and Leaf Ringspot Virus Detection Using Convolutional Neural Network (CNN) and Transfer Learning". *International Journal of Environmental Sciences*. Vol. 11. <<https://www.theaspd.com/ijes.php449>>.
- Tri Anita Resky Ramadhani and Abdul Rachman Manga. 2024. "Analisis Perbandingan VGG-16 Dan ResNet50 Untuk Klasifikasi Multilabel Gambar Kerbau Toraja: Pendekatan Deep Learning". *Jurnal Teknik* 22: 71–81. <<https://doi.org/10.37031/jt.v22i2.490>>.
- USDA. 2025. "Oilseeds: World Markets and Trade". <<https://public.govdelivery.com/accounts/USDAFAS/subscriber/new>>.
- Zaman, Wasim, Muhammad Farooq Siddique, Saif Ullah, Faisal Saleem and Jong Myon Kim. 2024. "Hybrid Deep Learning Model for Fault Diagnosis in Centrifugal Pumps: A Comparative Study of VGG16, ResNet50, and Wavelet Coherence Analysis". *Machines* 12. <<https://doi.org/10.3390/machines12120905>>.
- Zuhari, A. B., Maulana, D. I.,+ and E. S. Maheswara. 2023. "OPTIMIZATION IMAGE CLASSIFICATION PADA IKAN HIU DENGAN METODE CONVOLUTIONAL NEURAL NETWORK DAN DATA AUGMENTASI".
- Zulkarnain, Jefri, Kusri and Tonny Hidayat. 2024. "Klasifikasi Tingkat Kematangan Tandan Buah Segar Kelapa Sawit Menggunakan Pendekatan Deep Learning". *JST (Jurnal Sains Dan Teknologi)* 12. <<https://doi.org/10.23887/jstundiksha.v12i3.59140>>.