

DAFTAR PUSTAKA

- ATSDR. (2017). *Medical Management Guidelines for Ammonia*. Centers for Disease Control and Prevention.
<https://www.cdc.gov/niosh/topics/ammonia/default.html>
- Badan Standardisasi Nasional. (2006). *Udang segar-Bagian 1: Spesifikasi Badan Standardisasi Nasional*.
- Dang, R., & Feng, G. (2026). Hand gesture 3D pose estimation method based on Swin Transformer and CNN. *Scientific Reports*.
- Dewi, N. P. D. A. S., Kesiman, M. W. A., Sunarya, I. M. G., Indradewi, I. G. A. A. D., & Andika, I. G. (2024). Klasifikasi Jenis Daun Tumbuhan Herbal Berdasarkan Lontar Usada Taru Pramana Menggunakan CNN. *Techno.COM*, 23(1), 271–283.
- Dewi, N. P. K., Suputra, P. H., Paramartha, A. A. G. Y., Dewi, L. J. E., Varnakovida, P., & Aryanto, K. Y. E. (2025). River Area Segmentation Using Sentinel-1 SAR Imagery with Deep-Learning Approach. *Geomatics and Environmental Engineering*, 19(4), 39–63.
<https://doi.org/10.7494/geom.2025.19.4.39>
- Dr. Ir. Agus Indarjo, M. Phill., Gazali Salim, S. Kel., M. Si., Prof. Dr. Ir. Sutrisno Anggoro, M. S., Christine Dyta Nugraeni, S. Si., M. Si., Prof Madya Dr. Julian Ransangan, M. Sc., P., & Dr. Muhammad Firdaus, S. Pi., M. S. (2020). *Bioekologi dan Bioteknologi Udang Galah (Macrobachium rosenbergii) Esturia: I*. SYIAH KUALA UNIVERSITY PRESS.
- Elgendy, M. (2020). *Deep learning for vision systems*.
- Fan, Y., Ji, Z., Sun, C., Xu, D., Yang, X., Shi, C., & Fan, H. (2025). Integrating EEM fluorescence spectroscopy with machine and deep learning models for multi-output prediction of fish freshness. *Applied Food Research*, 5(2).
<https://doi.org/10.1016/j.afres.2025.101374>
- Gede, I., Raharja, W., Ketut, I., Arthana, R., Darmawiguna, M., & Sindu, P. (2019). *PENGEMBANGAN SISTEM INFORMASI JURU PEMANTAU JENTIK*

BERBASIS MOBILE DI KABUPATEN BADUNG (Vol. 8).

- Gonzalez, R. C., Woods, R. E., & Prentice Hall, P. (2008). *Digital Image Processing Third Edition Pearson International Edition prepared by Pearson Education*.
- Goodfellow, I., Bengio, Y., & Courville, A. (n.d.). *Deep Learning*.
- Google. (2017). *Google Developer Blog*.
<https://developers.googleblog.com/2017/09/howmachine-learning-with-tensorflow.html>
- Hardy, M. H. A. (2020). *Implementasi Model Hybrid CNN-SVM untuk Deteksi Leukocoria*.
<https://repository.uinjkt.ac.id/dspace/bitstream/123456789/68115/1/MUHAMMAD>
- Hartini, R. (2007). *Gangguan Faal Paru Pada Karyawan Yang Terpapar Amoniak Di Pabrik Pupuk Dan Manajemen Pengendaliannya*.
<http://repository.unair.ac.id/id/eprint/34298>
- Haryaka Setadewa, P., Yota Ernanda Aryanto, K., Joni Erawati Dewi, L., Rekayasa Perangkat Lunak, T., dan Kejuruan, T., Pendidikan Ganesha, U., & Artikel, R. (2025). *INFO ARTIKEL ABSTRAK*. 4(4), 337. <https://doi.org/10.55123>
- Hasan, M., Vasker, N., Hossain, M. M., Bhuiyan, M. I., Biswas, J., & Rashid, M. R. A. (2024). Framework for fish freshness detection and rotten fish removal in Bangladesh using Mask R-CNN method with robotic arm and fisheye analysis. *Journal of Agriculture and Food Research*, 16, 101139.
- He, K., Zhang, X., Ren, S., & Sun, J. (2015). *Deep Residual Learning for Image Recognition*.
- Hu, W. C., Wu, H. Te, Zhang, Y. F., Zhang, S. H., & Lo, C. H. (2020). Shrimp recognition using ShrimpNet based on convolutional neural network. *Journal of Ambient Intelligence and Humanized Computing*.
<https://doi.org/10.1007/s12652-020-01727-3>
- Irawan, M. B., & Putra, E. D. (2020). Ulasan Pustaka: Beberapa Arsitektur CNN Untuk Klasifikasi Citra Daun. *Proceedings of the 2nd International Conference on Informatics and Computing (ICIC)*, 191–196.

<https://doi.org/10.1109/ICIC47613.2020.8985795>

Irfan, D., Gunawan, T. S., & Wanayumini. (2023). Comparison of SGD, RMSProp, and Adam Optimization in Animal Classification Using CNNs. *Proceeding of International Conference on Information Science and Technology Innovation (ICoSTEC)*. <https://prosiding-icostec.respati.ac.id/index.php/icostec/article/view/32/32>

Kusumanto, R. D., & Tompunu, A. N. (2011). PENGOLAHAN CITRA DIGITAL UNTUK MENDETEKSI OBYEK MENGGUNAKAN PENGOLAHAN WARNA MODEL NORMALISASI RGB. In *Seminar Nasional Teknologi Informasi & Komunikasi Terapan*.

LeCun, Y., Bengio, Y., & Hinton, G. (2011). Convolutional Networks for Images, Speech, and Time Series. *Proceedings of the 28th International Conference on Machine Learning (ICML)*.

Lecun, Y., Bengio, Y., & Hinton, G. (2015). Deep learning. In *Nature* (Vol. 521, Number 7553, pp. 436–444). Nature Publishing Group. <https://doi.org/10.1038/nature14539>

Malta, E., Rodamilans, C., Avila, S., & Borin, E. (2019). A cost-benefit analysis of GPU-based EC2 instances for a deep learning algorithm. *PROCEEDINGS OF THE 10TH REGIONAL SCHOOL OF HIGH-PERFORMANCE COMPUTING OF SÃO PAULO*. <https://doi.org/10.5753/eradsp.2019.13588>

Martha, G. I. R. (2019). *INVESTMENT ANALYSIS: PENINGKATAN PERFORMA DAN EFFISIENSI DARI ADOPSI CLOUD ENGINE PADA INDUSTRI KREATIF BERBASIS DIGITAL VISUAL DESAIN YANG MEMILIKI KEBUTUHAN KOMPUTASI & PROSESING TINGGI*.

Negara, I. M. W. G., Wirawan, I. M. A., & Sunarya, I. M. G. (2025). Enhancing EEG-Based Stress Detection Using ICA, Relative Difference, and Convolutional Neural Networks. *Sinkron*, 9(3), 1073–1083. <https://doi.org/10.33395/sinkron.v9i3.14777>

Nixon, M. (2019). *Feature Extraction and Image Processing for Computer Vision*. Academic Press.

on Acute Exposure Guideline Levels, N. R. C. (US). C. (2008). *Acute Exposure*

- Guideline Levels for Selected Airborne Chemicals: Volume 6* (2). National Academies Press (US). <https://www.ncbi.nlm.nih.gov/books/NBK207883/>
- Perlindungan, I., & Risnawati. (2020). *PENGENALAN TANAMAN CABAI DENGAN TEKNIK KLASIFIKASI MENGGUNAKAN METODE CNN*.
- Platforms, M. (2024). *React Native Official Site*. <https://reactnative.dev/>
- Purnawibawa, I. W. A., Purnama, I. N., & Wijaya, I. N. Y. A. (2022). Komparasi Algoritme K-Nearest Neighbors Dan Support Vector Machines Dalam Prediksi Layanan Produk ICONNET. *Progresif: Jurnal Ilmiah Komputer*, 18(2), 271–282. <https://doi.org/10.35889/progresif.v18i2.894>
- Pusparani, D. A., Kesiman, M. W. A., & Aryanto, K. Y. E. (2024a). Identification of Little Tuna Species Using Convolutional Neural Networks (CNN) Method and ResNet-50 Architecture. *Indonesian Journal of Artificial Intelligence and Data Mining*, 8(1), 86. <https://doi.org/10.24014/ijaidm.v8i1.31620>
- Pusparani, D. A., Kesiman, M. W. A., & Aryanto, K. Y. E. (2024b). Identification of Little Tuna Species Using Convolutional Neural Networks (CNN) Method and ResNet-50 Architecture. *Indonesian Journal of Artificial Intelligence and Data Mining*, 8(1), 86. <https://doi.org/10.24014/ijaidm.v8i1.31620>
- Putu, I., Putra, A., Made, I., Wirawan, A., Gede, I., Gunadi, A., Komputer, I., Informatika, J. T., Teknik, F., Vokasi, D., Matematika, J., Matematika, F., Ilmu, D., & Alam, P. (2025). *IMPROVING BUTTERFLY FISH IMAGE CLASSIFICATION ACCURACY USING HSV FEATURE EXTRACTION AND SMOTE-BASED DATA BALANCING PENINGKATAN AKURASI KLASIFIKASI CITRA BUTTERFLY FISH MENGGUNAKAN EKSTRAKSI FITUR HSV DAN PENYEIMBANGAN DATA BERBASIS SMOTE*. 10(3).
- Richards, J. A., & Jia, X. (2006). *Remote Sensing Digital Image Analysis: An Introduction* (4th ed.). Springer.
- Rizal, P. (2018, August 21). *Nilai Kandungan Gizi Udang Galah*. <https://nilaigizi.com/gizi/detailproduk/940/Udang-galah,-segar>
- Rochmawati, N., Hidayati, H. B., Yamasari, Y., Tjahyaningtjas, H. P. A., Yustanti, W., & Prihanto, A. (2021). Analisa Learning Rate dan Batch size Pada Klasifikasi Covid Menggunakan Deep learning dengan Optimizer Adam.

- JIEET: Journal Information Engineering and Educational Technology*, 5(2), 44–48.
- Rona, ve, Weni, octania, & Rina, unna. (2023). 829 resep udang galah enak dan mudah - Cookpad. <https://cookpad.com/id/cari/udang%20galah>
- Saputra, I. P. G. D., Kesiman, M. W. A., & Sunarya, I. M. G. (2026). Deteksi Pemalsuan QRIS MPM Statis Menggunakan YOLO, PaddleOCR dan Metode Berbasis Aturan. *Bulletin of Computer Science Research*, 6(2), 763–775. <https://doi.org/10.47065/bulletincsr.v6i2.1020>
- Setiawan, W. (2019). *PERBANDINGAN ARSITEKTUR CONVOLUTIONAL NEURAL NETWORK UNTUK KLASIFIKASI FUNDUS*. 7(2).
- Shen, X., Liu, Z., Qin, W., Zhang, M., Jiang, H., Huang, X., Xiao, J., Su, J., Pan, J., & Feng, H. (2025). Accurate machine vision identification of GCHD symptom using a self-attention-based CNN model with adaptive fish separation. *Smart Agricultural Technology*, 11, 100871.
- Srivastava, N., Hinton, G., Krizhevsky, A., & Salakhutdinov, R. (2014). Dropout: A Simple Way to Prevent Neural Networks from Overfitting. In *Journal of Machine Learning Research* (Vol. 15).
- Syurfi, I. (2021). *Penerapan Deep Learning dengan Convolutional Neural Network untuk Klasifikasi Citra Diabetic dengan Arsitektur EfficientNet-B7*. <https://repository.uin-suska.ac.id/57860/1/BAB%20I%2C%20II%2C%20III%2C%20dan%20VI.pdf>
- Vedanty, P. P., Kesiman, A., Made, I., & Sunarya, G. (2025). PENGARUH DATA AUGMENTASI PADA IDENTIFIKASI PENYAKIT DAUN TANAMAN OBAT MENGGUNAKAN K-NEAREST NEIGHBOR. In *Jurnal Mahasiswa Teknik Informatika* (Vol. 9, Number 2).
- Wardani, K. R. R., Suryalim, H., Engel, V. J. L., & Christian, H. (2023). Analisis Pemilihan Optimizer dalam Arsitektur Convolution Neural Network VGG16 dan Inception untuk Sistem Pengenalan Wajah. *JEPIN (Jurnal Edukasi Dan Penelitian Informatika)*, 9(2), 186–194. <https://jurnal.untan.ac.id/index.php/jepin/article/view/60432/75676598555>

- Wayan Yulya Wiani, N., Made Agus Wirawan, I., & Yota Ernanda Aryanto, K. (2025). *JEPIN (Jurnal Edukasi dan Penelitian Informatika) Klasifikasi Gerakan Tangan Berbasis Sinyal sEMG Menggunakan Deep Learning*.
- Wirawan, I. M. A., Wardoyo, R., Lelono, D., & Kusrohmaniah, S. (2023). Continuous Capsule Network Method for Improving Electroencephalogram-Based Emotion Recognition. *Emerging Science Journal*, 7(1), 125. <https://ijournalse.org/index.php/ESJ/article/view/1269>
- Zheng, S., Wang, R., Zheng, S., Wang, L., & Jiang, H. (2024). Adaptive density guided network with CNN and Transformer for underwater fish counting. *Journal of King Saud University - Computer and Information Sciences*, 36, 102088.
- Zhou, D., Tan, H., Li, Y., Deng, Y., & Zhu, M. (2025). Line-labelling enhanced CNNs for transparent juvenile fish crowd counting. *Smart Agricultural Technology*, 11, 100963.

