

DAFTAR PUSTAKA

- Ahmad, Gulzar, Alanazi, S., Alruwaili, M., Ahamd, F., Khan, M., Abbas, S. & Tabassum, N., 2021. "Intelligent Ammunition Detection and Classification System Using Convolutional Neural Network." *Cmc -Tech Science Press*-, 67, hal. 2585-2600. <https://doi.org/10.32604/cmc.2021.015080>.
- Assuja, M. A. & Fauzi, A., (2022). Cnn Untuk Deteksi Bola Multi Pola Studi Kasus:Liga Humanoid Robocup. *ScientiCO: Computer Science and Informatics Journal*, 5(1), 23-33.
- Chen, L., Chen, F. & Liu, Z., 2023. "Parallel gravitational clustering based on grid partitioning for large-scale data." *Appl Intell*, 53, hal. 2506–2526. <https://doi.org/10.1007/s10489-022-03661-7>.
- Chen, L., Zhang, Y. & Du, X., 2019. "Deep learning-based computer vision algorithms for traffic monitoring: A survey." *IEEE Access*, 7, hal. 156420-156438.
- Chen, Y., Qin, S., Qiao, S., Dou, Q., Che, W., Su, G., Yao, J., & Nnanwuba, U. E., 2020. Spatial Predictions of Debris Flow Susceptibility Mapping Using Convolutional Neural Networks in Jilin Province, China. *Water*, 12(8), 2079. <https://doi.org/10.3390/w12082079>
- Cruz, N., Leiva, F. & Ruiz-del-Solar, J., 2021. "Deep learning applied to humanoid soccer robotics: playing without using any color information." *Autonomous Robots*, 45(3), hal. 335-350.
- Dhillon, G. & Kaur, I., 2020. "A review on deep learning: algorithms, methodologies and applications." *Artificial Intelligence Review*, 53(10), hal. 6715-6746.
- Dikairono, R., Setiawardhana, S., Purwanto, D. & Sardjono, T. A., 2020. "CNN-Based Self Localization Using Visual Modelling of a Gyrocompass Line Mark and Omni-Vision Image for a Wheeled Soccer Robot Application."

International Journal of Intelligent Engineering and Systems, 13(6), hal. 442-453. <https://doi.org/10.22266/ijies2020.1231.39>

Fu, W. K., Lin, K. L. & Shih, C. S., 2018. "Key-frame selection for multi-robot simultaneous localization and tracking in robot soccer field." In: *2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, hal. 109-116.

Hadha, A., 2019. "Metode Pengenalan Tempat Secara Visual Berbasis Fitur CNN untuk Navigasi Robot di Dalam Gedung." *Jurnal Teknologi dan Sistem Komputer*, 7, hal. 47. <https://doi.org/10.14710/jtsiskom.7.2.2019.47-55>.

Huynh, K. V., Nguyen, N. T. & Pham, D. Q., 2019. "A comparative study of deep learning techniques for robot image classification." *2019 IEEE International Conference on Robotics and Biomimetics (ROBIO)*, hal. 301-306

Jiang, J. & Li, Q., 2022. "Robot Image Classification Based on Deep Learning." In: *2022 IEEE 2nd Global Conference on Artificial Intelligence and Applications (GCAIA)*, hal. 1-6.

Jung, Minji, Yang, H. & Min, K., 2021. "Improving Deep Object Detection Algorithms for Game Scenes" *Electronics* 10, no. 20: 2527. <https://doi.org/10.3390/electronics10202527>

Kate, V., & Shukla, P., 2021. A 3 Tier CNN model with deep discriminative feature extraction for discovering malignant growth in multi-scale histopathology images. *Informatics in Medicine Unlocked*, 24, 100616. <https://doi.org/10.1016/j.imu.2021.100616>

Khalkar, R., Dikhit, A. & Goel, A., 2021. "Handwritten Text Recognition using Deep Learning (CNN & RNN)." *IARJSET*, 8, hal. 870-881. <https://doi.org/10.17148/IARJSET.2021.86148>.

Kothari, D., Patel, M. & Sharma, A. K., 2021. "Implementation of Grey Scale Normalization in Machine Learning & Artificial Intelligence for Bioinformatics using Convolutional Neural Networks." *2021 6th*

International Conference on Inventive Computation Technologies (ICICT),
hal. 1071-1074.

Kulik, S. & Shtanko, A., 2020. "Using convolutional neural networks for recognition of objects varied in appearance in computer vision for intellectual robots." *Procedia Computer Science*, 169, hal. 164-167.

Lee, J., Min, B. H. & Kim, Y. H., 2020. "Image classification of robots using machine learning and deep learning techniques." In: *2020 IEEE International Conference on Artificial Intelligence and Computer Applications (ICAICA)*, hal. 75-80.

Lewkowycz, A., & Gur-Ari, G., 2021. On the training dynamics of deep networks with L2 regularization. arXiv:2006.08643v2 [stat.ML]

Li, K., Zhang, Y., Wang, J. & Lu, H., 2020. "Efficient Image Segmentation Based on a Deep Convolutional Neural Network." *IEEE Transactions on Neural Networks and Learning Systems*, 31(9), hal. 3363-3377.

Liu, Z., Yu, L., Li, D. & Li, Y., 2022. "Multiscale feature fusion and ensemble learning for field image classification." *Computers and Electronics in Agriculture*, 191, 107236.

Maulana, M. R. & Riyadi, M. A., 2020. "Strategy and Cooperation for Multiple Humanoid Robots in KRSBI-H Competition." *Journal of Physics: Conference Series*, 1466(1), 012078.

Pajar, M. & Assuja, M. A., 2017. "Deteksi Bola Multipola Pada Robot Krakatau FC," *Jurnal Informatika dan Rekayasa Perangkat Lunak (JATIKA)*, hal. 6– 9.

Pangestu, R. A., Rahmat, B. & Anggraeny, F. T., 2020. "Implementasi algoritma CNN untuk klasifikasi citra lahan dan perhitungan luas." *Jurnal Informatika dan Sistem Informasi*, 1(1), hal. 166-174.

Pattanaik, R. K., Mishra, S., Siddique, M., GopiKrishna, T., & Satapathy, S., 2022. Breast cancer classification from mammogram images using extreme learning

machine-based densenet121 model. *Journal of Sensors*, 2022, 1-12.
<https://doi.org/10.1155/2022/2731364>

Peryanto, A., Yudhana, A. & Umar, R., 2020. "Rancang bangun klasifikasi citra dengan teknologi deep learning berbasis metode convolutional neural network". *J. Ilm. Tek. Inform*, 8(2), 138.

Podareanu, D., Codreanu, V., Aigner, S., Leeuwen, C. & Weinberg, V., 2019. *Best Practice Guide - Deep Learning* 10.13140/RG.2.2.31564.05769.

Pramana, A. L., Setyati, E. & Kristian, Y., 2020. "Model CNN Lenet Dalam Pengenalan Jenis Golongan Kendaraan Pada Jalan Tol." *Jurnal Teknika*, 12(2), hal. 65-69.

Prathivi, Rastri. (2020). The Optimization of Transfer Learning Convolutional Neural Network Model with PCA and t-SNE Algorithms for Classification and Recognition of CIFAR-10 Image. *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*. 4. 717-722. 10.29207/resti.v4i4.2131.

Sahdev, R. & Tsotsos, J. K., 2016. "Indoor Place Recognition System for Localization of Mobile Robots." In: *13th Conference on Computer and Robot Vision (CRV)*, hal. 53-60.

Sleaman, W. & Yavuz, S., 2020. "Indoor mobile robot navigation using deep convolutional neural network." *Journal of Intelligent & Fuzzy Systems*, 39, hal. 5475-5486.

Sleaman, W. K., Hameed, A. A. & Jamil, A., 2020. "Monocular vision with deep neural networks for autonomous mobile robots navigation," *Optik*, Volume 272, hal. 170162.

Steuernagel, L., Maximo, M. R., Pereira, L. A. & Sanches, C. A., 2020. "Convolutional Neural Network with Inception-like Module for Ball and Goalpost Detection in a Small Humanoid Soccer Robot." In: *2020 Latin American Robotics Symposium (LARS), 2020 Brazilian Symposium on Robotics (SBR) and 2020 Workshop on Robotics in Education*, hal.1-6.

- Susanto, S., Suroto, J., & Analia, R., 2021. The ROS: Kinetic Kame for Humanoid Robot BarelangFC. *JURNAL INTEGRASI*, 13(1), 68–77.
<https://doi.org/10.30871/JI.V13I1.2686>
- Wahyuni, S. & Sulaeman, M., 2022. "Penerapan Algoritma Deep Learning Untuk Sistem Absensi Kehadiran Deteksi Wajah Di PT Karya Komponen Presisi." *Jurnal Informatika SIMANTIK*, 7(1), hal. 12-21.
- Yamashita, R., Nishio, M., Do, R. K. G. & Togashi, K., 2018. "Convolutional neural networks: an overview and application in radiology". *Insights Imaging* 9, 611–629. <https://doi.org/10.1007/s13244-018-0639-9>
- Yin, Y., Song, Y., Liu, J. & Jia, H., 2021. "A hybrid deep learning framework for crop classification from UAV imagery." *Agricultural and Forest Meteorology*, 306, 108518.
- Zhou, Y., Cao, Q. & Hu, H., 2020. "A comprehensive review on deep learning for image classification: Challenges and solutions." *Neural Networks*, 128, hal. 382-407.
- Zou, W., Ng, J. W. & Cai, M., 2019. "A comprehensive review on handcrafted and deep-learning-based image captioning." *Pattern Recognition*, 96, hal. 106985.