

DAFTAR PUSTAKA

- Alzubaidi, L., Zhang, J., Humaidi, A. J., Al-Dujaili, A., Duan, Y., Al-Shamma, O., Santamaría, J., Fadhel, M. A., Al-Amidie, M., & Farhan, L. (2021). Review of deep learning: concepts, CNN architectures, challenges, applications, future directions. *Journal of Big Data*, 8(53).
- Bircanoğlu, C. (2017). *A COMPARISON OF LOSS FUNCTION IN DEEP EMBEDDING*. Universitas Bahcesehir.
- Chand, H. V., & Karthikeyan, J. (2022). CNN Based Driver Drowsiness Detection System Using Emotion Analysis. *Intelligent Automation & Soft Computing*, 31(2).
- Delisle, P.-L., Anctil-Robitaille, B., Desrosiers, C., & Lombaert, H. (2020). Realistic Image Normalization for Multi-Domain Segmentation. *Medical image analysis*, 74.
- Faraji, F., Lotfi, F., Khorramdel, J., Najafi, A., & Ghaffari, A. (2021). Drowsiness Detection Based On Driver Temporal Behavior Using a New Developed Dataset. *CoRR*, abs/2104.00125.
- Fudholi, D. H., Nayoan, R. A. N., Suyuti, M., & Rahmadi, R. (2021). Deteksi Indikasi Kelelahan Menggunakan Deep Learning. *Jurnal Sains Komputer & Informatika (J-SAKTI)*, 5(1), 1–9.
- Ganaie, M. A., Hu, M., Malik, A. K., Tanveer, M., & Suganthan, P. N. (2022). Ensemble deep learning: A review. *Engineering Applications of Artificial Intelligence*, 115, 105–151.
- Godi, B., Muttipati, A. S., Rao, M. P., Satyanarayana, G. V., Padmaja, G. M., & Gadiraju, S. R. (2022). ResNet Model to Forecast Plant Leaf Disease. *International Conference on Computing, Communication and Power Technology (IC3P)*, 38–43.
- Hien, N. L. H., & Nguyen, V. H. (2020). Recognition of Plant Species using Deep Convolutional Feature Extraction. *International Journal on Emerging Technologies*, 11(3), 904–910.
- Hossin, M., & Sulaiman, M. N. (2015). A Review on Evaluation Metrics for Data Classification Evaluations. *International Journal of Data Mining & Knowledge Management Process*, 5(2), 1–11.
- Ioffe, S., & Szegedy, C. (2015). Batch Normalization: Accelerating Deep Network Training by Reducing Internal Covariate Shift. *ICML'15: Proceedings of the 32nd International Conference on International Conference on Machine Learning*, 37, 448–456.
- Irawan, G. C. (2010). *IMAGE RESIZING MENGGUNAKAN ALGORITMA SEAM CARVING DAN METODE REDUKSI NOISE MEDIAN FILTER*. Universitas Brawijaya.
- Janiesch, C., Zschech, P., & Heinrich, K. (2021). Machine learning and deep learning. *Electron Markets*, 31(3), 685–695.



- Karar, M. E., Hemdan, E. E.-D., & Shouman, M. A. (2020). Cascaded deep learning classifiers for computer-aided diagnosis of COVID-19 and pneumonia diseases in X-ray scans. *Complex & Intelligent Systems*.
- LeCun, Y., Bengio, Y., & Hinton, G. (2015). Deep Learning. *Nature*, 521, 436–444.
- LeCun, Y., Bottou, L., Bengio, Y., & Haffner, P. (1998). Gradient-based learning applied to document recognition. *Proceedings of the IEEE*, 86(11), 2278–2324.
- Lin, G., & Shen, W. (2018). Research on convolutional neural network based on improved Relu piecewise activation function. *8th International Congress of Information and Communication Technology*, 131, 977–984.
- Magán, E., Sesmero, M. P., Alonso-Weber, J. M., & Sanchis, A. (2022). Driver Drowsiness Detection by Applying Deep Learning Techniques to Sequences of Images. *Applied Science*, 4(12).
- May, P. (2019). Improved Image Augmentation for Convolutional Neural Networks by Copyout and CopyPairing. *ArXiv*, abs/1909.00390.
- Media Research Lab (MRL). (t.t.). *MRL Eye Dataset*. <http://mrl.cs.vsb.cz/eyedataset>.
- Mufti, S. K. (2018). *SISTEM REKOGNISI KANTUK PADA PENGENDARA MOBIL BERBASIS ANDROID*. Universitas Hasanuddin.
- Muraina, I. O. (2022). IDEAL DATASET SPLITTING RATIOS IN MACHINE LEARNING ALGORITHMS: GENERAL CONCERNS FOR DATA SCIENTISTS AND DATA ANALYSTS. *7th INTERNATIONAL MARDIN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE*.
- Nasri, I. (2022). *Driver Drowsiness Dataset (DDD)*. <https://www.kaggle.com/datasets/ismailnasri20/driver-drowsiness-dataset-ddd>.
- Ngah, S., Bakar, R. A., Embong, A., & Razali, S. (2016). TWO-STEPS IMPLEMENTATION OF SIGMOID FUNCTION FOR ARTIFICIAL NEURAL NETWORK IN FIELD PROGRAMMABLE GATE. *ARPN Journal of Engineering and Applied Sciences*, 11(7), 4882–4888.
- Nwankpa, C. E., Ijomah, W., Gachagan, A., & Marshall, S. (2018a). Activation Functions: Comparison of Trends in Practice and Research for Deep Learning. *ArXiv*.
- Nwankpa, C. E., Ijomah, W., Gachagan, A., & Marshall, S. (2018b). Activation Functions: Comparison of Trends in Practice and Research for Deep Learning. *ArXiv*.
- O'Shea, K., & Nash, R. (2015). An Introduction to Convolutional Neural Networks. *CoRR*, abs/1511.08458.
- Pal, K. K., & Sudeep, K. S. (2016). Preprocessing for image classification by convolutional neural networks. *2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)*, 1778–1781.
- Perez, L., & Wang, J. (2017). The Effectiveness of Data Augmentation in Image Classification using Deep Learning. *ArXiv*, abs/1712.04621.



- Phan, A.-C., Nguyen, N.-H.-Q., Trieu, T.-N., & Phan, T.-C. (2021). An Efficient Approach for Detecting Driver Drowsiness Based on Deep Learning. *Applied Sciences*, 11(18).
- Rahman, H. A. (2020). *IMPLEMENTASI DEEP LEARNING UNTUK PENDETEKSIAN KANTUK BERDASARKAN FITUR KEDIPAN*. Universitas Islam Indonesia.
- Saravanan, C. (2010). Color Image to Grayscale Image Conversion. *Second International Conference on Computer Engineering and Applications*, 196–199.
- Sharma, S., Sharma, S., & Athaiya, A. (2020). ACTIVATION FUNCTIONS IN NEURAL NETWORKS. *International Journal of Engineering Applied Sciences and Technology*, 4(12), 310–316.
- Tabik, S., Peralta, D., Herrera-Poyatos, A., & Herrera, F. (2017). . A snapshot of image pre-processing for convolutional neural networks: case study of MNIST. *International Journal of Computational Intelligence Systems*, 10, 555–568.
- Tian, Y., Su, D., Lauria, S., & Liu, X. (2022). Recent advances on loss functions in deep learning for computer vision. *Neurocomputing*, 497, 129–158.
- Tibrewal, M., Srivastava, A., & Kayalvizhi, R. (2021). A Deep Learning Approach To Detect Driver Drowsiness. *International Journal of Engineering Research and Technology (IJERT)*, 10(5), 183–189.
- Vakili, M., Ghamsari, M., & Rezaei, M. (2020). Performance Analysis and Comparison of Machine and Deep Learning Algorithms for IoT Data Classification. *CoRR*, abs/2001.09636.
- Vargas, R., Mosavi, A., & Ruiz, R. (2018). Deep Learning: A Review. *Preprints*.
- 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.
- Yani, M., Irawan, B., & Setiningsih, C. (2019). Application of Transfer Learning Using Convolutional Neural Network Method for Early Detection of Terry's Nail. *Journal of Physics: Conference Series*, 1201(1). <https://doi.org/10.1088/1742-6596/1201/1/012052>
- Zhu, Q., Zhang, P., & Ye, X. (t.t.). *A New Loss Function for CNN Classifier Based on Pre-defined Evenly-Distributed Class Centroids*.