

DAFTAR PUSTAKA

- Acar, E., Şahin, E., & Yılmaz, İ. (2021). Improving effectiveness of different deep learning-based models for detecting COVID-19 from computed tomography (CT) images. *Neural Computing and Applications*, 33(24), 17589–17609. <https://doi.org/10.1007/s00521-021-06344-5>
- ADI. (2020). *Dementia Statistics*. Alzheimer's Disease International. <https://www.alzint.org/about/dementia-facts-figures/dementia-statistics/>
- Adi Nugroho, Agustinus Bimo Gumelar, Adri Gabriel Sooai, Dyana Sarvasti, & Paul L Tahalele. (2020). Perbandingan Performansi Kinerja Algoritma Pengklasifikasian Terpandu Untuk Kasus Penyakit Kardiovaskular. *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, 4(5), 998–1006. <https://doi.org/10.29207/resti.v4i5.2316>
- Alzheimer's Association. (2024). *AD, MCI and CN*. https://www.alz.org/alzheimers-dementia/what-is-dementia/related_conditions/mild-cognitive-impairment
- 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. In *Journal of Big Data* (Vol. 8, Nomor 1). Springer International Publishing. <https://doi.org/10.1186/s40537-021-00444-8>
- Apuke, O. (2017). Quantitative Research Methods : A Synopsis Approach. *Arabian Journal of Business and Management Review (kuwait Chapter)*, 6, 40–47. <https://doi.org/10.12816/0040336>
- Azadnia, R., Al-Amidi, M. M., Mohammadi, H., Cifci, M. A., Daryab, A., & Cavallo, E. (2022). An AI Based Approach for Medicinal Plant Identification Using Deep CNN Based on Global Average Pooling. In *Agronomy* (Vol. 12, Nomor 11). <https://doi.org/10.3390/agronomy12112723>
- Bojarski, M., Del Testa, D., Dworakowski, D., Firner, B., Flepp, B., Goyal, P., Jackel, L. D., Monfort, M., Muller, U., Zhang, J., Zhang, X., Zhao, J., & Zieba, K. (2016). *End to End Learning for Self-Driving Cars*. 1–9. <http://arxiv.org/abs/1604.07316>
- Breve, F. A. (2022). COVID-19 detection on Chest X-ray images: A comparison of CNN architectures and ensembles[Formula presented]. *Expert Systems with Applications*, 204. <https://doi.org/10.1016/j.eswa.2022.117549>
- Chandra, A., Dervenoulas, G., & Politis, M. (2019). Magnetic resonance imaging in Alzheimer's disease and mild cognitive impairment. *Journal of Neurology*, 266(6), 1293–1302. <https://doi.org/10.1007/s00415-018-9016-3>
- Dalvi, P. P., Edla, D. R., & Purushothama, B. R. (2023). Diagnosis of Coronavirus Disease From Chest X-Ray Images Using DenseNet-169 Architecture. *SN Computer Science*, 4(3), 1–6. <https://doi.org/10.1007/s42979-022-01627-7>
- Esteva, A., Kuprel, B., Novoa, R. A., Ko, J., Swetter, S. M., Blau, H. M., & Thrun, S. (2017). Dermatologist-level classification of skin cancer with deep neural networks. *Nature*, 542(7639), 115–118. <https://doi.org/10.1038/nature21056>

- Fan, Z., Xu, F., Qi, X., Li, C., & Yao, L. (2020). Classification of Alzheimer's disease based on brain MRI and machine learning. *Neural Computing and Applications*, 32(7), 1927–1936. <https://doi.org/10.1007/s00521-019-04495-0>
- Fitriyani, F., Fahira, S. N., Rotua, S. S., Mitra, A. P., Pravitasari, A. A., & Hendrawati, T. (2023). Klasifikasi Penyakit Alzheimer pada Citra Magnetic Resonance Imaging menggunakan Inception V3 Architecture. *BIAStatistics: Jurnal Statistika Teori dan Aplikasi: Biomedics, Industry & Business And Social Statistics*, 2023(1), 265–276.
- Gonzalez, R. C., & Woods, R. E. (2018). Digital image processing. In *TA - TT* - (Fourth edi). Pearson Upper Saddle River. <https://doi.org/LK> - <https://worldcat.org/title/1120684007>
- Gulzar, Y. (2023). Fruit Image Classification Model Based on MobileNetV2 with Deep Transfer Learning Technique. In *Sustainability* (Vol. 15, Nomor 3). <https://doi.org/10.3390/su15031906>
- Hinton GE, Krizhevsky A, S. I. (2012). ImageNet Classification with Deep Convolutional Neural Networks. *University of Toronto*. <https://doi.org/10.1201/9781420010749>
- Huang, G., Liu, Z., Van Der Maaten, L., & Weinberger, K. Q. (2017). Densely connected convolutional networks. *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017, 2017-Janua*, 2261–2269. <https://doi.org/10.1109/CVPR.2017.243>
- Joseph, A., & Thomas, E. M. (2023). *A Review on Comparison of VGG-16 and DenseNet algorithms for analysing brain tumor in MRI image*. 3(1), 89–92.
- Joseph, V. R. (2022). Optimal ratio for data splitting. *Statistical Analysis and Data Mining: The ASA Data Science Journal*, 15(4), 531–538. <https://doi.org/https://doi.org/10.1002/sam.11583>
- LeCun, Y. A., Bottou, L., Orr, G. B., & Müller, K.-R. (2012). *Efficient BackProp BT - Neural Networks: Tricks of the Trade: Second Edition* (G. Montavon, G. B. Orr, & K.-R. Müller (ed.); hal. 9–48). Springer Berlin Heidelberg. https://doi.org/10.1007/978-3-642-35289-8_3
- Lecun, Y., Bottou, L., Bengio, Y., & Haffner, P. (1998). Gradient-based learning applied to document recognition. *Proceedings of the IEEE*, 86(11), 2278–2324. <https://doi.org/10.1109/5.726791>
- Lodhi, B., & Kang, J. (2019). Multipath-DenseNet: A Supervised ensemble architecture of densely connected convolutional networks. *Information Sciences*, 482. <https://doi.org/10.1016/j.ins.2019.01.012>
- Luo, P., Wang, X., Shao, W., & Peng, Z. (2019). Towards understanding regularization in batch normalization. *7th International Conference on Learning Representations, ICLR 2019*, 1–23.
- Mohammed, M. A., Abdurahman, F., & Ayalew, Y. A. (2021). Single-cell conventional pap smear image classification using pre-trained deep neural network architectures. *BMC Biomedical Engineering*, 3(1), 1–8. <https://doi.org/10.1186/s42490-021-00056-6>
- Muthuswamy, A., Dewan, M. A. A., Murshed, M., & Parmar, D. (2023). Driver Distraction Classification Using Deep Convolutional Autoencoder and Ensemble Learning. *IEEE Access*,

11(July), 71435–71448. <https://doi.org/10.1109/ACCESS.2023.3293110>

Nandini, G. S., Kumar, A. P. S., & K, C. (2021). Dropout technique for image classification based on extreme learning machine. *Global Transitions Proceedings*, 2(1), 111–116. <https://doi.org/https://doi.org/10.1016/j.gltcp.2021.01.015>

Nazil, M. F., Firmansyah, A. B., & ... (2023). ... Neural Network pada Citra MRI Otak: Classification of Alzheimer's Dementia Severity Using Convolutional Neural Network Method on MRI Image of Brain. ... : *Indonesian Journal of* ..., 3(April), 1–7. <https://journal.irpi.or.id/index.php/malcom/article/view/200>

Nisa, K. M., & Lisiswanti, R. (2016). Faktor Risiko Demensia. *Majority*, 5(4), 86–87. <http://juke.kedokteran.unila.ac.id/index.php/majority/article/view/890>

Ottoni, A. L. C., de Amorim, R. M., Novo, M. S., & Costa, D. B. (2023). Tuning of data augmentation hyperparameters in deep learning to building construction image classification with small datasets. *International Journal of Machine Learning and Cybernetics*, 14(1), 171–186. <https://doi.org/10.1007/s13042-022-01555-1>

Özkaraca, O., Bağrıaçık, O. İ., Gürüler, H., Khan, F., Hussain, J., Khan, J., & Laila, U. e. (2023). Multiple Brain Tumor Classification with Dense CNN Architecture Using Brain MRI Images. *Life*, 13(2). <https://doi.org/10.3390/life13020349>

Prasmatio, R. M., Rahmat, B., & Yuniar, I. (2020). Deteksi dan pengenalan ikan menggunakan algoritma Convolutional Neural Network. *Jurnal Informatika dan Sistem Informasi*, 1(2), 510–521.

Qiu, G. W., Yu, X., Sun, B., Wang, Y., & Zhang, L. (2021). Metastatic Cancer Image Classification Based on Deep Learning Method. *2021 IEEE International Conference on Consumer Electronics and Computer Engineering, ICCECE 2021, Iccece*, 658–661. <https://doi.org/10.1109/ICCECE51280.2021.9342425>

Raup, A., Ridwan, W., Khoeriyah, Y., Supiana, S., & Zaqiah, Q. Y. (2022). Deep Learning dan Penerapannya dalam Pembelajaran. *JIIP - Jurnal Ilmiah Ilmu Pendidikan*, 5(9), 3258–3267. <https://doi.org/10.54371/jiip.v5i9.805>

Sharma, S., Sharma, S., & Anidhya, A. (2020). Understanding Activation Functions in Neural Networks. *International Journal of Engineering Applied Sciences and Technology*, 4(12), 310–316.

Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1). <https://doi.org/10.1186/s40537-019-0197-0>

Sianturi, A. G. M. (2021). Stadium, Diagnosis, dan Tatalaksana Penyakit Alzheimer. *Majalah Kesehatan Indonesia*, 2(2), 39–44. <https://doi.org/10.47679/makein.202132>

Um, H., Tixier, F., Bermudez, D., Deasy, J. O., Young, R. J., & Veeraraghavan, H. (2019). Impact of image preprocessing on the scanner dependence of multi-parametric MRI radiomic features and covariate shift in multi-institutional glioblastoma datasets. *Physics in Medicine & Biology*, 64(16), 165011. <https://doi.org/10.1088/1361-6560/ab2f44>

Villmann, T., Ravichandran, J., Villmann, A., Nebel, D., & Kaden, M. (2019). *Activation*

Functions for Generalized Learning Vector Quantization - A Performance Comparison. 1–10. <http://arxiv.org/abs/1901.05995>

Zeng, N., Qiu, H., Wang, Z., Liu, W., Zhang, H., & Li, Y. (2018). A new switching-delayed-PSO-based optimized SVM algorithm for diagnosis of Alzheimer's disease. *Neurocomputing*, 320, 195–202. <https://doi.org/10.1016/j.neucom.2018.09.001>

Zhu, F., Liu, C., Yang, J., & Wang, S. (2022). An Improved MobileNet Network with Wavelet Energy and Global Average Pooling for Rotating Machinery Fault Diagnosis. In *Sensors* (Vol. 22, Nomor 12). <https://doi.org/10.3390/s22124427>