

DAFTAR PUSTAKA

- Cao, J., Li, Y., Sun, M., Chen, Y., Lischinski, D., Cohen-Or, D., Chen, B., & Tu, C. (2022). DO-Conv: Depthwise Over-parameterized Convolutional Layer. *IEEE Transactions on Image Processing*, 31, 3726–3736. <https://doi.org/10.1109/TIP.2022.3175432>
- Dendi Maysanjaya, I. M. (2020). Klasifikasi Pneumonia pada Citra X-rays Paru-paru dengan Convolutional Neural Network (Classification of Pneumonia Based on Lung X-rays Images using Convolutional Neural Network). *Jurnal Nasional Teknik Elektro Dan Teknologi Informasi*, 9(2), 190–195. <https://doi.org/10.22146/jnteti.v9i2.66>
- Fathurahman, M., Nurmufthi, R. A., & Suherlan, E. (2019). KLASIFIKASI TIPE SEL NORMAL/ABNORMAL BERDASARKAN CITRA PAP-SMEAR MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK. In *Jurnal Teknologi Informasi YARSI (JTIY)* (Vol. 6, Issue 1).
- Ferian, M., Akbari, R., Rahayudi, B., & Muflikhah, L. (2023). Implementasi Deep Learning menggunakan Algoritma EfficientDet untuk Sistem Deteksi Kelayakan Penerima Bantuan Langsung Tunai berdasarkan Citra Rumah di Wilayah Kabupaten Kediri. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 7(4), 1817–1825. <https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/12596>
- Fulton, Lawrence V., D., Diane, H., Jordan, Y., Yan, F., & Christopher P. (2019). Classification of alzheimer’s disease with and without imagery using gradient boosted machines and resnet-50. *Brain Sciences*, 9(9). <https://doi.org/10.3390/brainsci9090212>
- Hariyani, Y. S., Hadiyoso, S., & Siadari, T. S. (2020). Deteksi Penyakit Covid-19 Berdasarkan Citra X-Ray Menggunakan Deep Residual Network. *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, 8(2), 443. <https://doi.org/10.26760/elkomika.v8i2.443>
- Harsh Sharma, Jai Sethia Jain, & Priti Bansal. (2020). Feature Extraction and Classification of Chest X-Ray Images Using CNN to Detect Pneumonia. *2020 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence)*, 227–231. <https://doi.org/10.1109/Confluence47617.2020.9057809>
- Hasanah, S. A., Pravitasari, A. A., Abdullah, A. S., Yulita, I. N., & Asnawi, M. H. (2023). A Deep Learning Review of ResNet Architecture for Lung Disease Identification in CXR Image. *Applied Sciences*, 13(24). <https://doi.org/10.3390/app132413111>
- Iskandar Mulyana, D., Ainur Rofik, M., & Ohan Zoharuddin Zakaria, M. (2022). Klasifikasi Kendaraan pada Jalan Raya menggunakan Algoritma Convolutional Neural Network (CNN). *Jurnal Pendidikan Tambusai*, 6(1), 1668–1679. <https://doi.org/10.31004/jptam.v6i1.3179>
- Jin Xu, Zishan Li, Bowen Du, Miaomiao Zhang, & Jing Liu. (2020). Reluplex made more practical: Leaky ReLU. *2020 IEEE Symposium on Computers and Communications (ISCC)*, 1–7. <https://doi.org/10.1109/ISCC50000.2020.9219587>
- Kalaycı, Tolga Ahmet and Asan, & Umut. (2022). Improving Classification Performance of Fully Connected Layers by Fuzzy Clustering in Transformed Feature Space. *Symmetry*, 14(4). <https://doi.org/10.3390/sym14040658>
- Kim, B., & Ye, J. C. (2020). Mumford-shah loss functional for image segmentation with deep learning. *IEEE Transactions on Image Processing*, 29, 1856–1866. <https://doi.org/10.1109/TIP.2019.2941265>

- Kumar, R. L., Kakarla, J., Isunuri, B. V., & Singh, M. (2021). Multi-class brain tumor classification using residual network and global average pooling. *Multimedia Tools and Applications*, 80(9), 13429–13438. <https://doi.org/10.1007/s11042-020-10335-4>
- Kundu, R., Das, R., Geem, Z. W., Han, G. T., & Sarkar, R. (2021). Pneumonia detection in chest X-ray images using an ensemble of deep learning models. *PLoS ONE*, 16(9 September). <https://doi.org/10.1371/journal.pone.0256630>
- Mukti, Zahan, I. and B., & Dipayan. (2019). Transfer Learning Based Plant Diseases Detection Using ResNet50. *2019 4th International Conference on Electrical Information and Communication Technology (EICT)*, 1–6. <https://doi.org/10.1109/EICT48899.2019.9068805>
- Munantri, z, N., Sofyan, H., & Yanu, M. (2019). Aplikasi Pengolahan Citra Digital Untuk Identifikasi Umur Pohon. *TELEMATIKA*, 16(2), 97–104. <https://doi.org/10.31315/telematika.v16i2.3183>
- Rachman, S. A., Bagaskara, D. C., Magdalena, R., & Sa'idah, S. (2023). Classification of Pneumonia Based on X-Ray Images with ResNet-50 Architecture. In T. Triwiyanto, A. Rizal, & W. Caesarendra (Eds.), *Biomedical Engineering, and Health Informatics ICEBEHI* (Vol. 2022, pp. 117–130). Springer Nature Singapore. https://doi.org/10.1007/978-981-99-0248-4_9
- Rahman, T., Chowdhury, M. E. H., Khandakar, A., Islam, K. R., Islam, K. F., Mahbub, Z. B., Kadir, M. A., & Kashem, S. (2020). Transfer learning with deep Convolutional Neural Network (CNN) for pneumonia detection using chest X-ray. *Applied Sciences (Switzerland)*, 10(9). <https://doi.org/10.3390/app10093233>
- Rajpal, S., Lakhyani, N., Singh, A. K., Kohli, R., & Kumar, N. (2021). Using handpicked features in conjunction with ResNet-50 for improved detection of COVID-19 from chest X-ray images. *Chaos, Solitons and Fractals*, 145. <https://doi.org/10.1016/j.chaos.2021.110749>
- Reshan, M. S. Al, Gill, K. S., Anand, V., Gupta, S., Alshahrani, H., Sulaiman, A., & Shaikh, A. (2023). Detection of Pneumonia from Chest X-ray Images Utilizing MobileNet Model. *Healthcare (Switzerland)*, 11(11). <https://doi.org/10.3390/healthcare11111561>
- Varshni, Dimpy and Thakral, Kartik and Agarwal, Lucky and Nijhawan, Rahul and Mittal, & Ankush. (2019). Pneumonia Detection Using CNN based Feature Extraction. *2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)*, 1–7. <https://doi.org/10.1109/ICECCT.2019.8869364>
- Victor Ikechukwu, A., Murali, S., Deepu, R., & Shivamurthy, R. C. (2021). ResNet-50 vs VGG-19 vs training from scratch: A comparative analysis of the segmentation and classification of Pneumonia from chest X-ray images. *Global Transitions Proceedings*, 2(2), 375–381. <https://doi.org/10.1016/j.gltp.2021.08.027>
- Wei Shen Lim. (2022). Pneumonia—Overview. In Sam M Janes (Ed.), *Encyclopedia of Respiratory Medicine (Second Edition)* (Second Edition, pp. 185–197). Academic Press. <https://doi.org/10.1016/B978-0-12-801238-3.11636-8>
- Xu, J., Zhang, Y., & Miao, D. (2020). Three-way confusion matrix for classification: A measure driven view. *Information Sciences*, 507, 772–794. <https://doi.org/10.1016/j.ins.2019.06.064>
- Yamashita, R., Nishio, M., Do, R. K. G., & Togashi, K. (2018). Convolutional neural networks: an overview and application in radiology. *Insights into Imaging*, 9(4), 611–629. <https://doi.org/10.1007/s13244-018-0639-9>

- Youssef, T. A., Aissam, B., Khalid, D., Imane, B., & Miloud, J. El. (2020). Classification of Chest Pneumonia From X-ray Images Using New Architecture Based on ResNet. *2020 IEEE 2nd International Conference on Electronics, Control, Optimization and Computer Science, ICECOCS 2020*, 1–5. <https://doi.org/10.1109/ICECOCS50124.2020.9314567>
- Zewen Li, Wenjie Yang, Shouheng Peng, & Fan Liu. (2022). A Survey of Convolutional Neural Networks: Analysis, Applications, and Prospects. *IEEE Transactions on Neural Networks and Learning Systems*, 33(12), 6999–7019. <https://doi.org/10.1109/TNNLS.2021.3084827>