

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. dan Farhan, L., 2021. Review of deep learning: Concepts, CNN architectures, challenges, applications, future directions. *Journal of big Data*, 8(1), pp.1-74.
- [BPS] Badan Pusat Statistik., 2021. Produksi Tanaman Sayuran 2021. <https://www.bps.go.id/indicator/55/61/1/produksi-tanaman-sayuran.html>, diakses tanggal 27 September 2022.
- Basavaiah, J. dan Arlene Anthony, A., 2020. Tomato leaf disease classification using multiple feature extraction techniques. *Wireless Personal Communications*, 115(1), pp.633-651.
- Brown, T., Mann, B., Ryder, N., Subbiah, M., Kaplan, J.D., Dhariwal, P., Neelakantan, A., Shyam, P., Sastry, G., Askell, A. dan Agarwal, S., 2020. Language models are few-shot learners. *Advances in neural information processing systems*, 33, pp.1877-1901.
- Caruana, R., Silver, D.L., Baxter, J., Mitchell, T.M., Pratt, L.Y. dan Thrun, S., 1995, December. Learning to learn: knowledge consolidation and transfer in inductive systems. In *Workshop held at NIPS-95, Vail, CO*, see <http://www.cs.cmu.edu/afs/user/caruana/pub/transfer.Html>.
- Cho, H., Kim, Y., Lee, E., Choi, D., Lee, Y. and Rhee, W., 2020. Basic enhancement strategies when using Bayesian optimization for hyperparameter tuning of deep neural networks. *IEEE Access*, 8, pp.52588-52608.
- Deng, J., Dong, W., Socher, R., Li, L.J., Li, K. dan Fei-Fei, L., 2009, June. Imagenet: A large-scale hierarchical image database. In *2009 IEEE conference on computer vision and pattern recognition* (pp. 248-255). Ieee.
- Fajar Setyawati, E., 2021. Peningkatan Produksi Sayuran melalui Pola Tanam Tumpang Sari pada Usaha Tani Albarokah Kabupaten Bandung Barat.
- García, S., Ramírez-Gallego, S., Luengo, J., Benítez, J.M. dan Herrera, F., 2016. Big data preprocessing: methods and prospects. *Big Data Analytics*, 1(1), pp.1-22.
- Han, J., Kamber, M. dan Pei, J., 2011. Data Mining: Concepts and Techniques. ISBN 978-0123814791.
- Haixiang, W. dan Smys, S., 2021. Overview of configuring adaptive activation functions for deep neural networks-a comparative study. *Journal of Ubiquitous Computing and Communication Technologies (UCCT)*, 3(01), pp.10-22.
- Hasan, M., Tanawala, B. dan Patel, K.J., 2019, March. Deep learning precision farming: Tomato leaf disease detection by transfer learning. In

Proceedings of 2nd international conference on advanced computing and software engineering (ICACSE).

- He, K., Zhang, X., Ren, S. dan Sun, J., 2016. Deep residual learning for image recognition. In *Proceedings of the IEEE conference on computer vision and pattern recognition* (pp. 770-778).
- Hossin, M. dan Sulaiman, M.N., 2015. A review on evaluation metrics for data classification evaluations. *International journal of data mining & knowledge management process*, 5(2), p.1.
- Huang, Y., Cheng, Y., Bapna, A., Firat, O., Chen, D., Chen, M., Lee, H., Ngiam, J., Le, Q.V. dan Wu, Y., 2019. Gpipe: Efficient training of giant neural networks using pipeline parallelism. *Advances in neural information processing systems*, 32.
- Hubel, D.H. dan Wiesel, T.N., 1962. Receptive fields, binocular interaction and functional architecture in the cat's visual cortex. *The Journal of physiology*, 160(1), p.106.
- Khalifa, N.E., Loey, M. dan Mirjalili, S., 2021. A comprehensive survey of recent trends in deep learning for digital images augmentation. *Artificial Intelligence Review*, pp.1-27.
- Li, C., 2019. Preprocessing methods and pipelines of data mining: An overview. *arXiv preprint arXiv:1906.08510*.
- Lin, X., Ma, Y.L., Ma, L.Z. dan Zhang, R.L., 2014. A survey for image resizing. *Journal of Zhejiang University SCIENCE C*, 15(9), pp.697-716.
- Long, M., Ouyang, C., Liu, H. dan Fu, Q., 2018. Image recognition of Camellia oleifera diseases based on convolutional neural network & transfer learning. *Transactions of the Chinese Society of Agricultural Engineering*, 34(18), pp.194-201.
- Mahbub, M., Biswas, M., Miah, A.M., Shahabaz, A. dan Kaiser, M.S., 2021, July. Covid-19 detection using chest x-ray images with a regnet structured deep learning model. In *International Conference on Applied Intelligence and Informatics* (pp. 358-370). Springer, Cham.
- Marques, G., Agarwal, D. dan de la Torre Díez, I., 2020. Automated medical diagnosis of COVID-19 through EfficientNet convolutional neural network. *Applied soft computing*, 96, p.106691.
- Mishra, P., Biancolillo, A., Roger, J.M., Marini, F. dan Rutledge, D.N., 2020. New data preprocessing trends based on ensemble of multiple preprocessing techniques. *TrAC Trends in Analytical Chemistry*, 132, p.116045.
- Ng, A., 2016. Nuts and bolts of building AI applications using Deep Learning. *NIPS Keynote Talk*.

- Nguyen, C.T., Van Huynh, N., Chu, N.H., Saputra, Y.M., Hoang, D.T., Nguyen, D.N., Pham, Q.V., Niyato, D., Dutkiewicz, E. dan Hwang, W.J., 2022. Transfer Learning for Wireless Networks: A Comprehensive Survey. *Proceedings of the IEEE*.
- Panno, S., Davino, S., Caruso, A.G., Bertacca, S., Crnogorac, A., Mandić, A., Noris, E. dan Matić, S., 2021. A review of the most common and economically important diseases that undermine the cultivation of tomato crop in the mediterranean basin. *Agronomy*, 11(11), p.2188.
- Peter, P., 2019. How to determine the optimal ratio of the train/test split. <https://www.kaggle.com/general/100939>, diakses tanggal 27 November 2022.
- Radosavovic, I., Kosaraju, R.P., Girshick, R., He, K. dan Dollár, P., 2020. Designing network design spaces. In *Proceedings of the IEEE/CVF conference on computer vision and pattern recognition* (pp. 10428-10436).
- Rangarajan, A.K., Purushothaman, R. dan Ramesh, A., 2018. Tomato crop disease classification using pre-trained deep learning algorithm. *Procedia computer science*, 133, pp.1040-1047.
- Ribani, R. and Marengoni, M., 2019, October. A survey of transfer learning for convolutional neural networks. In *2019 32nd SIBGRAPI conference on graphics, patterns and images tutorials (SIBGRAPI-T)* (pp. 47-57). IEEE.
- Rosebrock, A., 2017. ImageNet: VGGNet, ResNet, Inception, and Xception with Keras. <https://pyimagesearch.com/2017/03/20/imagenet-vggnet-resnet-inception-xception-keras/>, diakses tanggal 12 November 2022.
- Russakovsky, O., Deng, J., Su, H., Krause, J., Satheesh, S., Ma, S., Huang, Z., Karpathy, A., Khosla, A., Bernstein, M. dan Berg, A.C., 2015. Imagenet large scale visual recognition challenge. *International journal of computer vision*, 115(3), pp.211-252.
- Sakib, S., Ahmed, N., Kabir, A.J. dan Ahmed, H., 2019. An overview of convolutional neural network: its architecture and applications.
- Suwignyo, S., Hersanti, H. dan Widiyanti, F., 2021. Pengaruh Kitosan Nano terhadap Penyakit Bercak Coklat (*Alternaria solani* Sor.) pada Tanaman Tomat. *Agrikultura*, 32(3), pp.239-247.
- Tan, M. dan Le, Q., 2019, May. Efficientnet: Rethinking model scaling for convolutional neural networks. In *International conference on machine learning* (pp. 6105-6114). PMLR.
- Tan, M. dan Le, Q., 2021, July. Efficientnetv2: Smaller models and faster training. In *International Conference on Machine Learning* (pp. 10096-10106). PMLR.

- Tang, Z., Yang, J., Li, Z. dan Qi, F., 2020. Grape disease image classification based on lightweight convolution neural networks and channelwise attention. *Computers and Electronics in Agriculture*, 178, p.105735.
- Vasuki, A. dan Govindaraju, S., 2017. Deep neural networks for image classification. *Deep Learning for Image Processing Applications*, 31, p.27.
- Vijayalata, Y., Billakanti, N., Veeravalli, K., Deepa, A. dan Kota, L., 2022, February. Early Detection of Casava Plant Leaf Diseases using EfficientNet-B0. In *2022 IEEE Delhi Section Conference (DELCON)* (pp. 1-5). IEEE.
- Vrbančič, G. dan Podgorelec, V., 2020. Transfer learning with adaptive fine-tuning. *IEEE Access*, 8, pp.196197-196211.
- Wang, Y., Zhang, H., Liu, Q. dan Zhang, Y., 2019. Image classification of tomato leaf diseases based on transfer learning. *Journal of China Agricultural University*, 24(6), pp.124-130.
- Weiss, K., Khoshgoftaar, T.M. dan Wang, D., 2016. A survey of transfer learning. *Journal of Big data*, 3(1), pp.1-40.
- Wu, J., Sheng, V.S., Zhang, J., Li, H., Dadakova, T., Swisher, C.L., Cui, Z. dan Zhao, P., 2020. Multi-label active learning algorithms for image classification: Overview and future promise. *ACM Computing Surveys (CSUR)*, 53(2), pp.1-35.
- Yamashita, R., Nishio, M., Do, R.K.G. dan Togashi, K., 2018. Convolutional neural networks: an overview and application in radiology. *Insights into imaging*, 9(4), pp.611-629.
- Zagoruyko, S. dan Komodakis, N., 2016. Wide residual networks. *arXiv preprint arXiv:1605.07146*.
- Zhao, S., Peng, Y., Liu, J. dan Wu, S., 2021. Tomato leaf disease diagnosis based on improved convolution neural network by attention module. *Agriculture*, 11(7), p.651.
- Zhong, C., Hu, Z., Yang, X., Li, H., Liu, F. dan Li, M., 2021, March. Triple Stream Segmentation Network for Plant Disease Segmentation. In *2021 IEEE 5th Advanced Information Technology, Electronic and Automation Control Conference (IAEAC)* (Vol. 5, pp. 496-501). IEEE.
- Zoph, B., Vasudevan, V., Shlens, J. dan Le, Q.V., 2018. Learning transferable architectures for scalable image recognition. In *Proceedings of the IEEE conference on computer vision and pattern recognition* (pp. 8697-8710).