

## DAFTAR PUSTAKA

- Afaq, S., & Rao, S. (2020). Significance Of Epochs On Training A Neural Network. *International Journal of Scientific and Technology Research*, 19(6), 485–488. [www.ijstr.org](http://www.ijstr.org)
- Ajizi, M. F, Syauqy, D., Hannats, M., & Ichsan, H. 2019. Klasifikasi Kematangan Buah Pisang Berbasis Sensor Warna Dan Sensor Load Cell Menggunakan Metode Naive Bayes. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(3), 2472–2479. <http://j-ptiik.ub.ac.id>
- Alim, Maulana M. F. 2020. Jurnal Identifikasi Penyakit Tanaman Tomat Menggunakan Algoritma Convolutional Neural Network dan Pendekatan Transfer Learning. Skripsi. Semarang. Universitas Negeri Semarang.
- Abelwi, S., & Mahmood, A. (2017). A framework for designing the architectures of deep Convolutional Neural Networks. *Entropy*, 19(6). <https://doi.org/10.3390/e19060242>
- Arrofiqoh, E. N., & Harintaka, H. (2018). Implementasi Metode Convolutional Neural Network Untuk Klasifikasi Tanaman Pada Citra Resolusi Tinggi. *Geomatika*, 24(2), 61–68.<https://doi.org/10.24895/jig.2018.24-2.810>
- Barbedo, J. G. A. (2018). Impact of dataset size and variety on the effectiveness of deep learning and transfer learning for plant disease classification. *Computers and Electronics in Agriculture*, 153(July), 46–53. <https://doi.org/10.1016/j.compag.2018.08.013>
- Chollet, F. (2018). Deep Learning with Phyton. In *Manning*. [http://faculty.neu.edu.cn/yury/AAI/Textbook/Deep Learning with Python.pdf](http://faculty.neu.edu.cn/yury/AAI/Textbook/Deep%20Learning%20with%20Python.pdf)
- Dyrmann, M., Karstoft, H., & Midtiby, H. S. (2016). Plant species classification using deep convolutional neural network. *Biosystems Engineering*, 151(2005), 72–80. <https://doi.org/10.1016/j.biosystemseng.2016.08.024>
- Eka P., W. S. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101. *Jurnal Teknik ITS*, 5(1). <https://doi.org/10.12962/j23373539.v5i1.15696>
- Ekmeekci, B., McAnany, C. E., & Mura, C. (2016). An Introduction to Programming for Bioscientists: A Python-Based Primer. *PLoS Computational Biology*, 12(6), 1–43. <https://doi.org/10.1371/journal.pcbi.13539>

pcbi.1004867

- Erickson, B. J., Korfiatis, P., Akkus, Z., Kline, T., & Philbrick, K. (2017) Toolkits and Libraries for Deep Learning. *Journal of Digital Imaging*, 30(4), 400–405. <https://doi.org/10.1007/s10278-017-9965-6>
- Farah, A., & Dos Santos, T. F. (2015). The Coffee Plant and Beans: An Introduction. In *Coffee in Health and Disease Prevention*. ElsevierInc. <https://doi.org/10.1016/B978-0-12-409517-5.00001-2>
- Fukushima, K. (1980). Neocognitron: A self-organizing neural network model for a mechanism of pattern recognition unaffected by shift in position. *Biological Cybernetics*, 36(4), 193–202. <https://doi.org/10.1007/BF00344251>
- Hermawan. 2006. Jurnal Jaringan Syaraf Tiruan dan Aplikasinya. Yogyakarta: Andi.
- Ilahiyah, S., dan Nilogiri, A., 2018. Implementasi *Deep Learning* Pada Identifikasi Jenis Tumbuhan Berdasarkan Citra Daun Menggunakan *Convolutional Neural Network*. JUSTINDO (Jurnal Sistem Dan Teknologi Informasi Indonesia), 3(2), 49
- Jaelani, Ari A., Supratman, F. Y., Ibrahim, N., 2020. Perancangan Aplikasi Untuk Klasifikasi Klon Daun Teh Seri Gambung (GMB) Menggunakan Algoritma *Convolutional Neural Network*. *e-Proceeding of Engineering*, 7(2), 2920-2928.
- Lesnussa, Andry. Y., Sinay. L. J., 2017. Aplikasi Jaringan Saraf Tiruan *Backpropagation* untuk Penyebaran Penyakit Demam Berdarah Dengue(DBD) di Kota Ambon. *Jurnal Matematika Integratif*. 13(2), 63- 72.
- Prayoga, Agung., Tawakal, H. A., Aldiansyah, R., 2018. Pengembangan Metode Deteksi Tingkat Kematangan Buah Melon Berdasarkan Tekstur Kulit Buah dengan Menggunakan Metode Ekstraksi Ciri Statistik dan *Support Vector Machine (SVM)*. *Teknologi Terpadu*, 4(1), 24-30.
- Prasmatio, R., Mahindra., Rahmat, B., Yuniar I., 2020. Deteksi dan Pengenalan Ikan Menggunakan Algoritma *Convolutional Neural Network*. *Informatika dan Sitem Informasi*, 1(2), 510-521.
- Purnomo, Hery, M., Kurniawan, A., 2006. *Supervised Neural Network* Dan Aplikasinya. Yogyakarta: Graha Ilmu
- Rena, Putri Navia. 2019. Jurnal Penerapan Metode *Convolutional Neural Network* Pada Pendekripsi Gambar Notasi Balok. Skripsi. Jakarta. Universitas Islam Negeri Syarif Hidayatullah.
- Sarraf, S., Desouza, D. D., Anderson, J. A. E., & Saverino, C. (2019). MCADNNNet:

Recognizing stages of cognitive impairment through efficient convolutional fMRI and MRI neural network topology models. *IEEEAccess*,7(Mci),155584–155600.<https://doi.org/10.1109/ACCESS>

2019.2949577

Setyohadi, D. B., Kristiawan, F. A., & Ernawati, E. (2017). Perbaikan Performansi Klasifikasi Dengan Preprocessing Iterative Partitioning Filter Algorithm. *Telematika*, 14(01), 12–20. <https://doi.org/10.31315/telematika.v14i01.1960>

Shi, J., Wu, J., Li, Y., Zhang, Q., & Ying, S. (2017). Histopathological Image Classification with Color Pattern Random Binary Hashing-Based PCANet and Matrix-Form Classifier. *IEEE Journal of Biomedical and Health Informatics*,21(5),1327–1337. <https://doi.org/10.1109/JBHI.2016.2602823>

Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 1–48.<https://doi.org/10.1186/s40537-019-0197-0>

Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R. (2014). Drpout: A Simple Way to Prevent Neural Networks from Overfitting. *Journal of Machine Learning Research*, 15, 1929–1958. [https://doi.org/10.1016/0370-2693\(93\)90272-J](https://doi.org/10.1016/0370-2693(93)90272-J)

Sulistiyanti, S. R., Setyawan, F. A., & Komarudin, M. (2016). *Pengolahan Citra Dasar Dan Contoh Penerapannya* (Pertama). Teknosain.

Vedaldi, A., & Lenc, K. (2015). MatConvNet: Convolutional neural networks for MATLAB. *MM 2015 - Proceedings of the 2015 ACM Multimedia Conference*,689–692. <https://doi.org/10.1145/2733373.2807412>

Vo, A. T., Tran, H. S., & Le, T. H. (2017). Advertisement image classification using convolutional neural network. *Proceedings - 2017 9th International Conference on Knowledge and Systems Engineering, KSE 2017*,2017-Janua, 197–202. <https://doi.org/10.1109/KSE.2017.8119458>

Wang, J., & Perez, L. (2017). The effectiveness of data augmentation in image classification using deep learning. *ArXiv*.

Wikarta, A., Pramono, A. S., & Ariatedja, J. B. (2020). Analisa Bermacam Optimizer Pada Convolutional Neural Network Untuk Deteksi Pemakaian Masker. *Seminar Nasional Informatika 2020 (SEMNASIF 2020)*, 2020(Semnasif), 69–72.

Yalcin, H., & Razavi, S. (2016). *Plant Classification Using Convolutional Neural Network*. 1–5. <https://doi.org/10.1109/Agro-Geoinformatics.2016.7577698>