

## DAFTAR PUSTAKA

- [1] E. M. Salvador, V. Steenkamp, dan C. M. E. McCrindle, "Production, consumption and nutritional value of cassava (*Manihot esculenta*, Crantz) in Mozambique: An overview," *J. Agric. Biotechnol. Sustain. Dev.*, vol. 6, no. 3, hal. 29–38, Jul 2014, doi: 10.5897/JABSD2014.0224.
- [2] "Produksi Ubi Kayu Menurut Provinsi (ton), 1993-2015." <https://www.bps.go.id/dynamictable/2015/09/09/880/produksi-ubi-kayu-menurut-provinsi-ton-1993-2015.html> (diakses Nov 11, 2021).
- [3] "Population, total - Indonesia | Data." <https://data.worldbank.org/indicator/SP.POP.TOTL?locations=ID> (diakses Nov 11, 2021).
- [4] A. M. Jarosz dan A. L. Davelos, "Effects of disease in wild plant populations and the evolution of pathogen aggressiveness," *New Phytol.*, vol. 129, no. 3, hal. 371–387, Mar 1995, doi: 10.1111/j.1469-8137.1995.tb04308.x.
- [5] N. Saleh, D. Harnowo, dan I. M. J. Mejaya, *Penyakit-Penyakit Penting pada Ubi Kayu Deskripsi, Bioekologi, dan Pengendaliannya*. Malang: Balai Penelitian Tanaman Aneka Kacang dan Umbi, 2016.
- [6] N. O'Mahony *et al.*, "Deep Learning vs. Traditional Computer Vision," *Adv. Intell. Syst. Comput.*, vol. 943, no. Cv, hal. 128–144, 2020, doi: 10.1007/978-3-030-17795-9\_10.
- [7] A. Burkov, *The Hundred-Page Machine Learning Book*. Quebec City: Andriy Burkov, 2019.
- [8] J. Yi *et al.*, "Deep learning for non-invasive diagnosis of nutrient deficiencies in sugar beet using RGB images," *Sensors (Switzerland)*, vol. 20, no. 20, hal. 1–19, 2020, doi: 10.3390/s20205893.
- [9] B. R. D. Prá, R. N. De Mesquita, M. O. De Menezes, dan D. A. De Andrade, "Nutritional evaluation of brachiaria brizantha cv. Marandu using convolutional neural networks," *Intel. Artif.*, vol. 23, no. 66, hal. 85–96, 2020, doi: 10.4114/intartif.vol23iss66pp85-96.
- [10] "CropNet: Cassava Disease Detection | TensorFlow Hub." [https://www.tensorflow.org/hub/tutorials/cropnet\\_cassava](https://www.tensorflow.org/hub/tutorials/cropnet_cassava) (diakses Agu 03, 2022).
- [11] G. Huang, Z. Liu, L. Van Der Maaten, dan K. Q. Weinberger, "Densely connected convolutional networks," *Proc. - 30th IEEE Conf. Comput. Vis. Pattern Recognition, CVPR 2017*, vol. 2017-Janua, hal. 2261–2269, 2017, doi: 10.1109/CVPR.2017.243.
- [12] "CVPR2017." [https://cvpr2017.thecvf.com/program/main\\_conference#cvpr2017\\_awards](https://cvpr2017.thecvf.com/program/main_conference#cvpr2017_awards) (diakses Des 05, 2021).

- [13] E. Mwebaze, T. Gebru, A. Frome, S. Nsumba, dan J. Tusubira, “iCassava 2019 Fine-Grained Visual Categorization Challenge,” Agu 2019, doi: 10.48550/arxiv.1908.02900.
- [14] “Cara Baru Menanam Singkong Yang Lebih Menguntungkan – RISET-Pro BRIN.” <https://risetpro.brin.go.id/web/2021/08/31/cara-baru-menanam-singkong-yang-lebih-menguntungkan/> (diakses Des 06, 2021).
- [15] D. Relf, E. Specialist, E. Horticulture, dan V. Tech, “Propagation by Cuttings , Layering and Division,” *Virginia Coop. Ext.*, no. January, hal. 6, 2009.
- [16] V. Uarota *et al.*, *Achieving sustainable cultivation of cassava Volume 2*. Cambridge: Burleigh Dodds Science Publishing, 2017.
- [17] G. W. Otim-Nape, J. M. Thresh, dan M. W. Shaw, “The effects of cassava mosaic virus disease on yield and compensation in mixed stands of healthy and infected cassava,” *Ann. Appl. Biol.*, vol. 130, no. 3, hal. 503–521, 1997, doi: 10.1111/j.1744-7348.1997.tb07678.x.
- [18] S. Winter, M. Koerbler, B. Stein, A. Pietruszka, M. Paape, dan A. Butgereitt, “Analysis of cassava brown streak viruses reveals the presence of distinct virus species causing cassava brown streak disease in East Africa,” *J. Gen. Virol.*, vol. 91, no. 5, hal. 1365–1372, 2010, doi: 10.1099/vir.0.014688-0.
- [19] P. Ntawuruhunga dan J. Legg, “New spread of Cassava Brown Streak Virus Disease and its implications for the movement of cassava germplasm in the east and central African region,” *USAID, Crop Cris. Control Proj. C3P*, 2007, [Daring]. Tersedia pada: <http://c3project.iita.org/Doc/A25-CBSDbriefMay6.pdf>.
- [20] O. J. Alabi, “Cassava Mosaic Disease : A Curse to Food Security in Sub-Saharan Africa Cassava and Its Importance in Sub-,” *APSnet Featur. Stories*, no. 44, hal. 1–31, 2011, doi: 10.1094/APSnetFeature-2011-0701.Cassava.
- [21] V. Verdier, G. Mosquera, dan K. Assigbétsé, “Detection of the cassava bacterial blight pathogen, *Xanthomonas axonopodis* pv. *manihotis*, by polymerase chain reaction,” *Plant Dis.*, vol. 82, no. 1, hal. 79–83, 1998, doi: 10.1094/PDIS.1998.82.1.79.
- [22] F. Esteca dan V. Arthur, “A Review on *Mononychellus tanajoa* (Bondar, 1938) Pest of Cassava in Brazil,” *Aust. J. Basic Appl. Sci.*, no. January, hal. 342–348, 2014.
- [23] J. S. Yaninek dan H. R. Herren, “Introduction and spread of the cassava green mite, *Mononychellus tanajoa* (Bondar) (Acari: Tetranychidae), an exotic pest in Africa and the search for appropriate control methods: A review,” *Bull. Entomol. Res.*, vol. 78, no. 1, hal. 1–13, 1988, doi: 10.1017/S0007485300016023.
- [24] R. C. Gonzalez dan R. E. Woods, *Digital Image Processing*, 4th ed. New

York: Pearson, 2018.

- [25] “1. Introduction to image processing | Digital Image Processing.” <https://sisu.ut.ee/imageprocessing/book/1> (diakses Des 15, 2021).
- [26] A. Géron, *Hands-on Machine Learning with Scikit-Learn, Keras, and TensorFlow*, 2nd ed. Sebastopol: O’Reilly Media, 2019.
- [27] K. Gurney, *An introduction to neural networks*. Taylor & Francis e-Library, 1997.
- [28] L. A. Camuñas-Mesa, B. Linares-Barranco, dan T. Serrano-Gotarredona, “Neuromorphic spiking neural networks and their memristor-CMOS hardware implementations,” *Materials (Basel)*., vol. 12, no. 7, 2019, doi: 10.3390/ma12172745.
- [29] F. Chollet, *Deep Learning with Python*, 1st ed. New York: Manning Publications, 2018.
- [30] J. Brownlee, “How Do Convolutional Layers Work in Deep Learning Neural Networks?” <https://machinelearningmastery.com/convolutional-layers-for-deep-learning-neural-networks/> (diakses Des 20, 2021).
- [31] J. P. Mueller dan L. Massaron, *Machine Learning For Dummies*, 1st ed. New Jersey: John Wiley & Sons, 2016.
- [32] S. Albawi, T. A. M. Mohammed, dan S. Alzawi, “Understanding of a Convolutional Neural Network,” *Int. Conf. Educ. Technol.*, hal. 16, 2017.
- [33] R. Szeliski, *Computer Vision: Algorithms and Applications*, 2nd ed. New York: Springer, 2021.
- [34] “tf.keras.applications.densenet.preprocess\_input | TensorFlow Core v2.8.0.” [https://www.tensorflow.org/api\\_docs/python/tf/keras/applications/densenet/preprocess\\_input](https://www.tensorflow.org/api_docs/python/tf/keras/applications/densenet/preprocess_input) (diakses Apr 22, 2022).
- [35] M. Vakili, M. Ghamsari, dan M. Rezaei, “Performance Analysis and Comparison of Machine and Deep Learning Algorithms for IoT Data Classification,” 2020, [Daring]. Tersedia pada: <http://arxiv.org/abs/2001.09636>.