

## DAFTAR PUSTAKA

- Adeel, A., Khan, M. A., Sharif, M., Azam, F., Shah, J. H., Umer, T., & Wan, S. (2019). Diagnosis and recognition of grape leaf diseases: An automated system based on a novel saliency approach and canonical correlation analysis based multiple features fusion. *Sustainable Computing: Informatics and Systems*, 24. <https://doi.org/10.1016/j.suscom.2019.08.002>
- Ali, M., & Hidayat, N. (2023). *Convolutional Neural Network Pada Identifikasi Varian Tanaman Anggur Menggunakan Resnet-50*. 10(3).
- Apriyanto, R., & Ahsan, M. (2019). Sistem Analisis Diagnosa Penyakit Tanaman Anggur Dengan Pendekatan Certainty Factor Berbasis Android. *Kurawal - Jurnal Teknologi, Informasi dan Industri*, 2(1), 64–78. <https://doi.org/10.33479/kurawal.v2i1.214>
- Barrachina, J. A. (2022). Complex-Valued Neural Networks for Radar Applications. In *Sciences et technologies de l'information et de la communication (STIC)*.
- Barrachina, J. A., Ren, C., Vieillard, G., Morisseau, C., & Ovarlez, J.-P. (2023). *Theory and Implementation of Complex-Valued Neural Networks*. June, 1–42. <http://arxiv.org/abs/2302.08286>
- Carisse, O., Bacon, R., Lasnier, J., & McFadden-Smith, W. (2018). *Identification Guide to the Major Diseases of Grapes*. Agriculture and Agri-Food Canada (AAFC). <https://agriculture.canada.ca/en/agricultural-production/crop-protection/agricultural-pest-management-resources/identification-guide-major-diseases-grapes>
- Chatterjee, S., Tummala, P., Speck, O., & Nurnberger, A. (2022). Complex Network for Complex Problems: A comparative study of CNN and Complex-valued CNN. *5th IEEE International Image Processing, Applications and Systems Conference, IPAS 2022*. <https://doi.org/10.1109/IPAS55744.2022.10053060>
- Demchak, K. (2023). *Grape Disease - Black Rot*. PennState Extension. <https://extension.psu.edu/grape-disease-black-rot>
- Fahrudin, T. M., Riyantoko, P. A., Hindrayani, K. M., & Safitri, E. M. (2020). An

- Introduction To Machine Learning Games And Its Application For Kids In Fun Project. *International Journal of Computer, Network Security and Information System*, 2(1), 26–30. <https://machinelearningforkids.co.uk>
- Febrinanto, F. G., Dewi, C., & Wiratno, A. T. (2018). Implementasi Algoritme K-Means Sebagai Metode Segmentasi Citra Dalam Identifikasi Penyakit Daun Jeruk. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer (J-PTIIK) Universitas Brawijaya*, 2(11), 5375–5383.
- Hasan, M. A., Riyanto, Y., & Riana, D. (2021). Grape leaf image disease classification using CNN-VGG16 model. *Jurnal Teknologi dan Sistem Komputer*, 9(4), 218–223. <https://doi.org/10.14710/jtsiskom.2021.14013>
- Hidayati, P. I. (2018). Analisis Hama pada Tanaman Anggur dengan Pendekatan Metode CF (Certainty Factor) Berbasis Mobile Android Permata. *STIKI Informatika Jurnal*, 8(2), 9–17.
- Kirti, & Rajpal, N. (2020). Black rot disease detection in grape plant (vitis vinifera) using colour based segmentation machine learning. *Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020*, 976–979. <https://doi.org/10.1109/ICACCCN51052.2020.9362812>
- Listyalina, L., Utari, E. L., & Puspaningtyas, D. E. (2020). PENENTUAN PENYAKIT PARU DENGAN MENGGUNAKAN JARINGAN SARAF TIRUAN. *Jurnal SIMETRIS*, 11(1), 233–240.
- Martin, M. E., Grao-Cruces, E., Millan-Linares, M. C., & Montserrat-De la Paz, S. (2020). Grape (vitis vinifera L.) seed oil: A functional food from the winemaking industry. *Foods*, 9(10), 1–20. <https://doi.org/10.3390/foods9101360>
- Mönning, N. (2019). *Deep Complex-Valued Neural Networks for Natural Language Processing* (Nomor March). <http://theses.whiterose.ac.uk/24802/>
- Nguyen, K., Fookes, C., Sridharan, S., & Ross, A. (2023). Complex-Valued Iris Recognition Network. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 45(1), 182–196. <https://doi.org/10.1109/TPAMI.2022.3152857>
- Nurlisa Aulia, Gede Susrama, I., & Yulia Puspaningrum, I. (2021). Sistem Pakar Diagnosa Penyakit Pencernaan Kucing Menggunakan Naïve Bayes Dan

- Certainty Factor. *Jurnal Informatika dan Sistem Informasi*, 2(2), 138–144.  
<https://doi.org/10.33005/jifosi.v2i2.347>
- Ouadi, L., Bruez, E., Bastien, S., Vallance, J., Lecomte, P., Domec, J. C., & Rey, P. (2019). Ecophysiological impacts of Esca, a devastating grapevine trunk disease, on *Vitis vinifera* L. *PLoS ONE*, 14(9), 1–20.  
<https://doi.org/10.1371/journal.pone.0222586>
- Prasetya, D. A., Nguyen, P. T., Faizullin, R., Iswanto, I., & Armay, E. F. (2020). Resolving the shortest path problem using the haversine algorithm. *Journal of Critical Reviews*, 7(1), 62–64. <https://doi.org/10.22159/jcr.07.01.11>
- Purbasari, I. Y., Rahmat, B., & Putra PN, C. S. (2021). Detection of Rice Plant Diseases using Convolutional Neural Network. *IOP Conference Series: Materials Science and Engineering*, 1125(1), 012021.  
<https://doi.org/10.1088/1757-899x/1125/1/012021>
- Rahadian, R. A., Magdalena, R., & Fu'adah, R. Y. N. (2018). JARINGAN SARAF TIRUAN BACKPROPAGATION UNTUK MENDETEKSI ANEMIA MELALUI KONJUNGTIVA PADA MATA BERBABIS PENGOLAHAN CITRA DIGITAL. *Engineering*, 5(3), 5054–5061.
- Ratna, S. (2020). Pengolahan Citra Digital Dan Histogram Dengan Phyton Dan Text Editor Phycharm. *Technologia: Jurnal Ilmiah*, 11(3), 181.  
<https://doi.org/10.31602/tji.v11i3.3294>
- Samuelsen, J., Chen, W., & Wasson, B. (2019). Integrating multiple data sources for learning analytics—review of literature. *Research and Practice in Technology Enhanced Learning*, 14(1). <https://doi.org/10.1186/s41039-019-0105-4>
- Simanjuntak, S. S., Sinaga, H., Telaumbanua, K., & Andri, A. (2021). Klasifikasi Penyakit Daun Anggur Menggunakan Metode GLCM, Color Moment dan K\*Tree. *Jurnal SIFO Mikroskil*, 21(2), 93–104.  
<https://doi.org/10.55601/jsm.v21i2.754>
- Singh, U., Srivastava, A., Chauhan, D., & Singh, A. (2020). Computer Vision Technique for Detection of Grape Esca (Black Measles) Disease from Grape Leaf Samples. *2020 International Conference on Contemporary Computing and Applications, IC3A 2020*, 110–115.

<https://doi.org/10.1109/IC3A48958.2020.233281>

- Susanti, E., Surmaini, E., & Estiningtyas, W. (2020). Parameter Iklim sebagai Indikator Peringatan Dini Serangan Hama Penyakit Tanaman. *Jurnal Sumberdaya Lahan*, 12(1), 59. <https://doi.org/10.21082/jsdl.v12n1.2018.59-70>
- Szabó, M., Csikász-Krizsics, A., Dula, T., Farkas, E., Roznik, D., Kozma, P., & Deák, T. (2023). Black Rot of Grapes (*Guignardia bidwellii*)—A Comprehensive Overview. *Horticulturae*, 9(2). <https://doi.org/10.3390/horticulturae9020130>
- Tandrian, A. H., & Kusnadi, A. (2019). Pengenalan Pola Tulang Daun Dengan Jaringan Syaraf Tiruan Backpropagation. *ULTIMA Computing*, 10(2), 53–58. <https://doi.org/10.31937/sk.v10i2.1063>
- Yang, J., Gu, H., Hu, C., Zhang, X., Gui, G., & Gacanin, H. (2022). Deep Complex-Valued Convolutional Neural Network for Drone Recognition Based on RF Fingerprinting. *Drones*, 6(12), 1–19. <https://doi.org/10.3390/drones6120374>
- Yu, L., Hu, Y., Xie, X., Lin, Y., & Hong, W. (2020). Complex-Valued Full Convolutional Neural Network for SAR Target Classification. *IEEE Geoscience and Remote Sensing Letters*, 17(10), 1752–1756. <https://doi.org/10.1109/LGRS.2019.2953892>
- Zhang, H., Gu, M., Jiang, X. D., Thompson, J., Cai, H., Paesani, S., Santagati, R., Laing, A., Zhang, Y., Yung, M. H., Shi, Y. Z., Muhammad, F. K., Lo, G. Q., Luo, X. S., Dong, B., Kwong, D. L., Kwek, L. C., & Liu, A. Q. (2021). An optical neural chip for implementing complex-valued neural network. *Nature Communications*, 12(1), 1–11. <https://doi.org/10.1038/s41467-020-20719-7>