

DAFTAR PUSTAKA

- Abdulridha, J., Ampatzidis, Y., Ehsani, R., dan Kastro, A. I. D., 2019, Evaluating the performance of spectral features and multivariate analysis tools to detect laurel wilt disease and nutritional deficiency in avocado, *Computers and Electronics in Agriculture* 155 (10), 203-211.
- Abrougui, K., Gabsi, K., Mercatoris, B., Khesmis, C., Amami, R., dan Chehalbi, S., 2019, Prediction of Organic Potato Yield Using Tillage Systems and Soil Properties by Artificial Neural Network (ANN) and Multiple Linear Regressions (MLR), *Soil & Tillage Research* 190 (12), 202–208.
- Adhikari, R., dan Agrawal, R. K., 2014, Performance Evaluation of weights Selection Schemes for Linear Combination of Multiple Forecasts, *Springer* 42(4), 529-548.
- Agrawal, N., dan Hussain, R., 2016, Monitoring of Environmental Parameters in Smart *Greenhouse* Using Wireless Sensor Network and Artificial Neural Network, *IJSER* 6 (10), 70-75.
- Both, A.J., Benjamin, L., Franklin, J., Holroyd, G., Incoll, L.D., Lefsurd, M. G., dan Pitkin, G., 2015, Guidelines For Measuring And Reporting Environmental Parameters For Experiments In *Greenhouse*, *Plant Methods* 11 (1),1-18.
- Bunnoon, P., 2011, Mid-Term Load Forecasting Based on Neural Network Algorithm: A Comparison of Models, *International Journal of Computer and Electrical Engineering* 3 (4),600-605.
- Dahikar, S.S., dan Rode, S.V., 2014, Agricultural Crop Yield Prediction Using Artificial Neural Network Approach, *IJREEICE* 2 (1), 683–686.
- Duan, Huixia.,Tan, Feng., Yi, Xinxin., Zhang, Hongxing., Hou, Maoshu., dan Moghan, J.E.M., 2015, A Predictive Model Of Different Growth Of Escherichia Coli in Freshcut Lettuce Based on Matlab 7.0, *International Conference On Civil Materials and Environmental Sciences (CMES2015)*, 114-118.
- Effendi, A., 2013, Penggunaan Artificial Neural Network Untuk Mendeteksi Kelainan Mata Miopi Pada Manusia Dengan Metode Backpropagation, S.si. Skripsi, Universitas Islam Negeri Maulana Malik Ibrahim, Malang.
- Elbayoumi M., Ramli N.A., dan Yusof N.F.F.M., 2015, Development and Comparison of Regression Models and Feedfroward Backpropagation Neural Network Models to Predict Seasonal Indoor PM 2.5-10 and PM 2.5 Concentrations in Naturally Ventilated Schools, *Atmospheric Pollution*

Research, 6(6) 1013-1023.

Farfan, J., Lohrmann, A., dan Breyer, C., 2019, Integration of *Greenhouse Agriculture to the Energy Infrastructure as an Alimentary Solution*, *Renewable and Sustainable Energy Reviews* 110 (4), 368–77.

Fausett, L., 1994, *Fundamentals of neural network: architecture, algorithms, and applications*, *Prentice-Hall*, Melbourne.

Gholipoor, M., dan Nadali, F., 2019, Fruit Yield Prediction of Pepper Using Artificial Neural Network, *Scientia Horticulturae* 250 (2), 249–53.

Ghosh, S., dan Koley, S., 2014, Machine Learning for Soil Fertility and Nutrient Management Using Backpropagation Neural Networks, *International Journal on Recent and Innovation Trends in Computing and Communication* 2 (2), 292–297.

Ghoulem, M., Moueddeb, K.E., Nehdi, E., Boukhanof, R., dan Calautit, J.K., 2019, *Greenhouse Design and Cooling Technologies for Sustainable Food Cultivation in Hot Climates : Review of Current Practice and Future Status*, *Biosystems Engineering* 183, 121–150.

Haruna, A.N., Mohamedb, Norliza., Ahmad, Robiah., Rahimb, A.R.A., dan Anib, N.N., 2019, Improved Internet Of Things (IoT) Monitoring System For Growth Optimatization Of Brassica Chinensis, *Computers and Electronics In Agriculture*, 164 (5), 1-11.

Hemming, S., Zwart, F. D., Elings, A., Righini, I., dan Petropoulou, A., 2019, Remote Control of *Greenhouse Vegetable Production with Artificial Intelligence-Greenhouse Climate, Irrigation, and Crop Production*, *Sensor* 19 (8), 1-22.

Kadir, M.K.A., Ayob, M.Z., dan Minippan, N., 2015, Wheat Yield Prediction: Artificial Neural Network Based Approach, *Intentaional Conference on Engineering Technology and Technopreneuship (ICE2T)*, 161-165.

Kanchana, S., 2018, IoT in Agriculture : Smart Farming, *IJSRCSEIT* 3 (8), 1052-1056.

Karmiani, D., Kazi, R., Nambisan, A., Shah, A., dan Kamble, V., 2019, Comparison of Predictive Algorithms: Backpropagation, SVM, LSTM and Kalman Filter for Stock Market, *IEEE*, 228-234.

Khasei, M., dan Bijari, M., 2010, An Artificial Neural Network (p,d,q) Model For Time Series Forecasting, *Expert Systems With Applications* 37 (1) 479-489.

- Kochhar, A., dan Kumar, N., 2019, Wireless Sensor Networks For Greenhouses : An End to End Review, *Computers and Electronics in Agriculture* : 163 (12), 1-15.
- Lakhiar, A. I., Jianmin, G., Syed, T. N., Chandio, F. A., Buttar, N. A., dan Qureshi, W. A., 2018, Monitoring and Control Systems in Agriculture Using Intelligent Sensor Techniques : A Review of the Aeroponic System, *Hindawi Journal of Sensor* 24 (3), 1-18
- Li, R., Sha, X., dan Lin, K., 2014, Smart *Greenhouse* : A Real-Time Mobile Intelligent Monitoring System Based on WSN, *IEEE* : 1152–1156.
- Ma, D., Carpenter, N., Maki, H., Rehman, U. T., Tuinstra, M. R., dan Jin, J., 2019, *Greenhouse Environment Modeling and Simulation for Microclimate Control*, *Computers and Electronics in Agriculture* 162 (4), 134–42.
- Madakam, S., Ramaswamy, R., dan Tripathi, S., 2015, Internet of Things (IoT): A Literature Review, *Journal of Computer and Communication* 3 (5) 164–173.
- Montgomery, D.c., Jennings, C.L., dan Kulahci, M., 2015, Introduction to Time Series Analysis and Forecasting, *Wiley Series in Probability and Statistics*, Canada.
- Niedbała, G., 2019, Simple Model Based on Artificial Neural Network for Early Prediction and Simulation Winter Rapeseed Yield, *Journal of Integrative Agriculture* 18 (1), 54–61.
- Ponraj, A.S., dan Vigneswaran, T., 2019, Machine Learning Approach for Agricultural IoT, *International Journal of Recent Technology and Engineering (IJRTE)* 7 (6) 383-392.
- Putro, B.C.S., Mustika, W., dan Nugroho, L.E., 2018, Optimized Backpropagation Artificial Neural Network Algorithm for Smart Agriculture Applications, *International Conference on Science and Technology*, 1-5.
- Rodríguez, S., Gualotuña, T., dan Grilo, C., 2017, A System for the Monitoring and Predicting of Data in Precision A Agriculture in a Rose *Greenhouse* Based on Sensor Agriculture in a Rose *Greenhouse* Based on Wireless Sensor Networks Networks, *Procedia Computer Science* 121, 306–13.
- Serpanos, D., dan Wolf, M., 2018, Internet-of-Things (IoT) Systems Architectures, Algoritms, Methodologies, *Springer*, Atlanta.
- Silaban, H., Zarlis M., dan Sawaluddin., 2017, Analysis of Accuracy and Epoch on Backpropagation BFGS Quasi-Newton, *IOP Conf. Series: Journal of Physics*, 930 (1), 1-5.

- Soenandi, I.A., dan Hayat, C., 2019, A Comparison of Forecasting Building Material Inventory Between Backpropagation Neural Network And Arima, IOP Conference Series: Materials Science and Engineering, 528 (1), 1-8
- Stevenson, W, J., 2009, Operations Management, *McGraws-Hill*, New York.
- Suryono, S., Khuriati, A., dan Mantoro, T., 2019, A Fuzzy Rule-Based *Fog – Cloud* Computing for Solar Panel Disturbance Investigation, *Cogent Engineering* 6 (4), 1–19.
- Suryono, S., Sunarno S., dan Saputra R., 2018, A *Fog* Networks for Measuring the Physical Parameter of *Greenhouse* Plant, *E3S Web of Conferences* 73 (4), 1–5.
- Wang, L., Wang, P., Liang, S., Qi, X., Li, L., dan Xu, L., 2019, Monitoring Maize Growth Conditions by Training a BP Neural Network with Remotely Sensed Vegetation Temperature Condition Index and Leaf Area Index, *Computers and Electronics in Agliculture* 160 (17), 82–90.
- Warsito, B., 2009, Kapita Selektta Statistika Neural Network, BP UNDIP Semarang, Semarang.
- Warsito, B., 2006, Perbandingan Model Feed Forward Neural Network Dan Generalized Regression Neural Network Pada Data Nilai Tukar Yen Terhadap Dolar AS, *Prosiding SPMIPA*, 127-131.
- Wartok, J.W., 2000, *Greenhouse for Homeowners and Gardeners*, NREAS-137, New York.
- Yuliandar, D., Warsito, B., dan Yasin, H., 2012, Pelatihan Feed Forward Neural Network Menggunakan Algoritma Genetika Dengan Menggunakan metode Seleksi Turnamen Untuk Data Time Series, *Jurnal Gaussian*, 65-72.
- Zaidi, M, A., Murase, H., dan Honami, N., 1999, Neural Network Model for the Evaluation of Lettuce Plant Growth, *Silsoe Reseach Institute* 74 (3), 237–42.
- Zhang, P., dan Shen, C., 2019, Choice of The Number of Hidden Layers for Backpropagation Neural Network Driven by Stock Price Data and Application to Price Prediction, IOP Conf. Series: Journal of Physics, 1302 (2), 1-12.