

DAFTAR PUSTAKA

- Agustia, F.D., Rancang Bangun Dan Karakterisasi Sensor Rasa Berbasis Membran Selektif Ion Untuk Mengukur Respon Potensial Larutan Lima Rasa Dasar, Skripsi, FMIPA, UGM, Yogyakarta
- Alshikh, A. (2013). Quality of Bottled Water in the Kingdom of Saudi Arabia: A Comparative Study with Jazan Water and Zamzam Water. *New York Science Journal*, 6, 174-180.
- Andriani, E.N., Pengembangan Larik Sensor Lidah Elektronik Berbasis Membran Selektif Ion Untuk Identifikasi Daun Ganja, Skripsi, FMIPA, UGM, Yogyakarta.
- Arniantya, R., Setiawan, B. D., & Adikara, P. P. (2018). Optimasi Vektor Bobot Learning Vector Quantization menggunakan Algoritme Genetika untuk Identifikasi Jenis Attention Deficit Hyperactivity Disorder pada Anak. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 679-687.
- Au, W.-H., Chan, K. C., Yao, a. X., & Fellow. (2003). A Novel Evolutionary Data Mining Algorithm With Applications to Churn Prediction. *IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION*.
- Azoulay, A., Garson, P., & Eisenberg, M. J. (2001). Comparison of the mineral content of tap water and bottled waters. *Journal of General Internal Medicine*, 168-175.
- Bhuyan, M. (2011). *Intelligent Instrumentation Principles and Applications*. Boca Raton, London, New York: CRC Press.
- Budianita, E., & Prijodiprojo, W. (2013). Penerapan Learning Vector Quantization (LVQ) untuk Klasifikasi Status Gizi Anak. *IJCCS*, 7, 155-166.
- Chen, H.-W., Wu, R.-J., Chen, H.-H., Liu, C.-Y., & Yeh, C.-H. (2005). The application of conductivity on the electronic tongue.
- El-Zaiat, S. Y. (2007). Inherent optical properties of Zamzam water in the visible spectrum: dispersion analysis. 171-180.
- Fausett, L. (1994). *Fundamentals of Neural Networks Architectures, Algorithms, and Applications*. London: Prentice Hall, Inc.
- Fraden, J., 2016, *Handbook of Modern Sensors : Physics, Designs, and Applications*, Fifth, Fraden Corp., San Diego., [Online]. tersedia di DOI:10.1007/978-3-319-19303-8.

- Ge, Z., Men, H., Guo, Y., An, L., & Peng, Y. (2009). Biomimetic Electronic Tongue for Classification of Mineral Water. *IEEE*, 621-624.
- Goldberg, D. E., 1989. *Genetic Algorithms in Search, Optimization and Machine Learning*. Canada: Addison-Wesley Publishing Company, Inc..
- Guan, J.-s., Lin, L.-Y., Ji, G.-l., Lin, C.-M., Le, T.-L., & Rudas, I. J. (2016). Breast Tumor Computer-aided Diagnosis using Self-Validating Cerebellar Model Neural Networks. *Acta Polytechnica Hungarica*, 13, 39-52.
- Hamidi, R., Furqon, M. T., & Rahayudi, B. (2017). Implementasi Learning Vector Quantization (LVQ) untuk Klasifikasi Kualitas Air Sungai. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*.
- Hariri, F. R., Utami, E., & Amborowati, A. (2015). Learning Vector Quantization untuk Klasifikasi Abstrak Tesis. *Citec Journal ISSN : 2354:5771*, 128-137.
- Kala, R., Shukla, A., & Tiwari, R. (2010). *Real Life Applications of Soft Computing*. Boca Raton: CRC Press.
- Khalid, N., Ahmad, A., Khalid, S., Ahmed, A., & Irfan, M. (2013). Mineral Composition and Health Functionality of Zamzam Water: A Review.
- Kusumadewi, & Hartati, S. (2006). *Neuro Fuzzy : Integrasi Sistem Fuzzy dan Jaringan* (1 ed.). Yogyakarta: Graha Ilmu.
- Leleury, Z. A., Lesnussa, Y. A., & Madiuw, J. (2016). Sistem Diagnosa Penyakit Dalam dengan Menggunakan Jaringan Saraf Tiruan Metode Backpropagation dan Learning Vector Quantization. 2.
- Lelono, D., Triyana, K., Hartati, S., Amalinda, F., Kaltsum, U., & Usuman, I. (2011). Rancang Bangun Prototipe Sensor Rasa Elektronik Berbasis Membran Selektif Ion. 1.
- Men, H., Ge, Z., Guo, Y., An, L., & Peng, Y. (2009). Biomimetic Electronic Tongue for Classification of Mineral Water.
- Muhlenbein, H., & Voosen, S. (1993). Predictive models for the breeder genetic algorithm; continuous parameter optimization. *Evolutionary Computation*, 1, 25-49.
- Prasetyo, E. B. (2014). *Penerapan Algoritma Genetika dan Jaringan Syaraf Tiruan Dalam Penjadwalan Mata Kuliah di Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada*. Yogyakarta: Universitas Gadjah Mada.
- Rabbani, J. Rancang Bangun Larik Sensor Rasa Berbasis Campuran Lipid TOMA dan OA Untuk Klasifikasi Ganja, Skripsi, FMIPA, UGM, Yogyakarta.

- Rahadian, B. A., Dewi, C., & Rahayudi, B. (2018). Implementasi Genetic Algorithm Dan Artificial Neural Network Untuk Deteksi Dini Jenis Attention Deficit Hyperactivity Disorder. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 2, 688-694.
- Sahputra, A. Klasterisasi Ganja Menggunakan Lidah Elektronik Berbasis Lipid TOMA dan DDC Dengan Metode Principle Component Analysis (PCA) Dan Linear Discriminant Analysis (LDA), Skripsi, FMIPA, UGM, Yogyakarta.
- Santoso, & Irawan, M. I. (2016). Classification of Poverty Levels Using k-Nearest Neighbor and Learning Vector Quantization Methods. *INTERNATIONAL JOURNAL OF COMPUTING SCIENCE AND APPLIED MATHEMATICS*, 8-13.
- Shomar, B. (2011). Zamzam water: Concentration of trace elements and other characteristics. *Science Direct*, 600-605.
- Sinuko, D. (2018). *CNN Indonesia*. Dipetik September 17, 2018, dari <https://www.cnnindonesia.com/nasional/20180808170842-12-320613/pembuat-air-zam-zam-palsu-beromset-rp18-m-dibekuk-polisi>
- Standar Nasional Indonesia. (2015). *SNI 3553:2015 Standar Nasional Indonesia Air Mineral*. Jakarta.
- Standar Nasional Indonesia. (2015). *SNI 6241:2015 Standar Nasional Indonesia Air Demineral*. Jakarta.
- Toko, K. (2004). *Biomimetic Sensor Technology* (3rd ed.). Cambridge, United Kingdom: Cambridge University Press.
- Wang, J.-m., & Wen, Y.-q. (2008). Application of Genetic LVQ Neural Network in Credit Analysis of Power. *IEEE Xplore*.
- Zuhair, N. A., & Khounganian, R. (2006). A comparative study between the chemical composition of potable water and Zamzam water in Saudi Arabia.