

DAFTAR PUSTAKA

- [1] F. Y. Bisisilin, Y. Herdiyeni, and B. P. Silalahi, "Optimasi K-Means Clustering Menggunakan Particle Swarm Optimization pada Sistem Identifikasi Tumbuhan Obat Berbasis Citra K-Means Clustering Optimization Using Particle Swarm Optimization on Image Based Medicinal Plant Identification System," *Ilmu Komput. Agri-Informatika*, vol. 3, no. 2002, pp. 38–47, 2014.
- [2] KEMENKESRI, "Formularium Ramuan Obat Tradisional Indonesia." Kementrian Kesehatan, Jakarta, Indonesia, pp. 1–135, 2017.
- [3] KEMENKESRI, "Kepmenkes 381-2007 Kebijakan Obat Tradisional." Kementrian Kesehatan, Jakarta, Indonesia, 2007.
- [4] Y. Herdiyeni and M. M. Santoni, "Combination of Morphological, Local Binary Pattern Variance and Color Moments Features for Indonesian Medicinal Plants Identification," in *International Conference on Advanced Computer Science and Informations*, 2012, pp. 255–259.
- [5] Y. Herdiyeni, N. Kadek, and S. Wahyuni, "Mobile Application for Indonesian Medicinal Plants Identification using Fuzzy Local Binary Pattern and Fuzzy Color Histogram," in *2012 International Conference on Advanced Computer Science and Information Systems (ICACSIS)*, 2012, pp. 978–979.
- [6] Y. Herdiyeni, A. R. Ginanjar, M. R. L. Anggoro, S. Douady, and E. A. . Zuhud, "MedLeaf: Mobile biodiversity informatics tool for mapping and identifying Indonesian medicinal Plants," in *2015 7th International Conference of Soft Computing and Pattern Recognition (SoCPaR)*, 2015, pp. 54–59.
- [7] K. Deepak and A. N. Vinoth, "Leaf detection application for android operating system," in *2014 International Conference on Computation of Power, Energy, Information and Communication (ICCPEIC)*, 2014, pp. 511–517.
- [8] S. Prasad, P. S. Kumar, and D. Ghosh, "An efficient low vision plant leaf shape identification system for smart phones," *Multimed. Tools Appl.*, vol. 76, no. 5, pp. 6915–6939, Mar. 2017.
- [9] J. Wäldchen and P. Mäder, "Plant Species Identification Using Computer Vision Techniques: A Systematic Literature Review," *Arch. Comput. Methods Eng.*, vol. 25, no. 2, pp. 507–543, Apr. 2018.
- [10] J. Chaki, R. Parekh, and S. Bhattacharya, "Plant leaf recognition using texture and shape features with neural classifiers," *Pattern Recognit. Lett.*, vol. 58, pp. 61–68, Jun. 2015.

- [11] J. Chaki, R. Parekh, and S. Bhattacharya, "Recognition of whole and deformed plant leaves using statistical shape features and neuro-fuzzy classifier," in *2015 IEEE 2nd International Conference on Recent Trends in Information Systems (ReTIS)*, 2015, pp. 189–194.
- [12] C. S. Sree, "Survey on Extraction of Texture based Features using Local Binary Pattern," in *International Journal of Engineering Research & Technology*, 2015, vol. 4, no. 07, pp. 334–338.
- [13] R. G. de Luna *et al.*, "Identification of philippine herbal medicine plant leaf using artificial neural network," in *2017 IEEE 9th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM)*, 2017, pp. 1–8.
- [14] H. Kebapci, B. Yanikoglu, and G. Unal, "Plant Image Retrieval Using Color, Shape and Texture Features," *Comput. J.*, vol. 54, no. 9, pp. 1475–1490, Sep. 2011.
- [15] Q.-K. Nguyen, T.-L. Le, and N.-H. Pham, "Leaf based plant identification system for Android using SURF features in combination with Bag of Words model and supervised learning," in *2013 International Conference on Advanced Technologies for Communications (ATC 2013)*, 2013, pp. 404–407.
- [16] X. Wang, J. Liang, and F. Guo, "Feature extraction algorithm based on dual-scale decomposition and local binary descriptors for plant leaf recognition," *Digit. Signal Process.*, vol. 34, pp. 101–107, Nov. 2014.
- [17] C. Teng, Y. Kuo, and Y. Chen, "Leaf Segmentation, Its 3D Position Estimation and Leaf Classification from a Few Images with Very Close Viewpoints," in *Image Analysis and Recognition*, 2009, pp. 937–946.
- [18] James Nesaratnam R and BalaMurugan C, "Identifying leaf in a natural image using morphological characters," in *2015 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)*, 2015, pp. 1–5.
- [19] C. Distant, J. B. Talon, W. Philips, D. Popescu, and P. Scheunders, *Advanced Concepts for Intelligent Vision Systems*, vol. 10016, no. October. Cham: Springer International Publishing, 2016.
- [20] Z. Wang *et al.*, "Plant recognition based on intersecting cortical model," in *2014 International Joint Conference on Neural Networks (IJCNN)*, 2014, no. 2013, pp. 975–980.
- [21] A. Sahay and Min Chen, "Leaf analysis for plant recognition," in *2016 7th IEEE International Conference on Software Engineering and Service*

Science (ICSESS), 2016, pp. 914–917.

- [22] B. Raman, S. Kumar, P. P. Roy, and D. Sen, *International Conference on Computer Vision and Image Processing*, vol. 2. 2016.
- [23] M. Lukic, E. Tuba, and M. Tuba, “Leaf recognition algorithm using support vector machine with Hu moments and local binary patterns,” in *2017 IEEE 15th International Symposium on Applied Machine Intelligence and Informatics (SAMII)*, 2017, pp. 000485–000490.
- [24] A. Kadir and A. Susanto, *Pengolahan Citra Teori dan Aplikasi*. Yogyakarta, 2012.
- [25] J. Trefný and J. Matas, “Extended set of local binary patterns for rapid object detection,” *Comput. Vis. Winter Work.*, pp. 1–7, 2010.
- [26] N. Cristianini and J. Shawe-Taylor, “Introduction to Support Vector Machines,” 2000. [Online]. Available: https://docs.opencv.org/2.4/doc/tutorials/ml/introduction_to_svm/introduction_to_svm.html. [Accessed: 21-Oct-2017].
- [27] N. O. Rahardiani and W. F. Mahmudy, “Optimasi Bobot Multi-Layer Perceptron Menggunakan Algoritma Genetika Untuk Klasifikasi Tingkat Resiko Penyakit Stroke,” no. January, 2018.
- [28] I. H. Witten, “More Data Mining with Weka (Class 1) - 2014,” p. 61, 2014.
- [29] P. Chaudhary, S. Godara, A. N. Cheeran, and A. K. Chaudhari, “Fast and Accurate Method for Leaf Area Measurement,” *Int. J. Comput. Appl.*, vol. 49, no. 9, pp. 22–25, Jul. 2012.
- [30] P. Ganesan, V. Rajini, and R. I. Rajkumar, “Segmentation and edge detection of color images using CIELAB color space and edge detectors,” in *INTERACT-2010*, 2010, pp. 393–397.
- [31] H. Takagi, “Statistical Tests for Computational Intelligence Research and Human Subjective Tests,” pp. 1–52, 2014.
- [32] K. M. Saipullah, Deok-Hwan Kim, and Seok-Lyong Lee, “Rotation invariant texture feature extraction based on Sorted Neighborhood Differences,” in *2011 IEEE International Conference on Multimedia and Expo*, 2011, pp. 1–6.