DAFTAR PUSTAKA

[1] M. Kannan, G. Elavarasan, A. Balamurugan, B. Dhanusiya and D. Freedon, "Hydroponic Farming - A State of Art For The Future Agriculture," *ScienceDirect,* vol. 68, no. 6, pp. 2163-2166, 2022.

[2] Sulmi, "Pendidikan Hidroponik Tentang Pentingnya Pemenuhan Kebutuhan Nutrisi Bagi Tanaman," *Journal of Community Dedication,* vol. 2, no. 2, pp. 98-104, 2022.

[3] M. V. Shatilov, A. F. Razin and M. I. Ivanova, "Analysis of The World Lettuce Market," *International Conference on Sustainable Development of Cross-Border Regions,* 2019.

[4] A. Romalasari and E. Sobari, "Produksi Selada (Lactuva Sativa L.) Menggunakan Sistem Hidroponik Dengan Perbedaan Sumber Nutrisi," *Agriprima Journal of Applied Agricultural Sciences,* vol. 3, no. 1, pp. 36-41, 2019.

[5] L. A. Wulandhari, A. A. S. Gunawan, A. Qurania, P. Harsani, T. F. Tarawan and R. F. Hermawan, "Plant Nutrient Deficiency Detection Using Deep Convolutional Neural Network," *ICIC Express Letters,* vol. 13, no. 10, pp. 971-977, 2019.

[6] R. Z. Syahrir and E. P. Wibowo, "Classification of Leaves Based on the Shape of Leaves Using Convolutional Neural Network Methods," *IAIC Transactions on Sustainable Digital Innovation (ITSDI),* vol. 3, 2021.

[7] Z. Li, Y. Li, Y. Yang, R. Guo, J. Yang, J. Yue and Y. Wang, "A High Precision Detection Method of Hydroponic Lettuce Seedlings Status Based on Improved Faster RCNN," *ScienceDirect,* vol. 182, 2021.

[8] K. Tirto, "HIDROPONIQ," [Online]. Available: https://hidroponiq.com/2014/09/gejala-kekurangan-nutrisi/. [Accessed Juli 2023].

[9] I. Y. Pratama, A. Wahab and M. Alaydrus, "Deep Learning for Assessing Unhealthy Lettuce Hydroponic Using Convolutional Neural Network based on Faster R-CNN with Inception V2," *IEEE,* 2020.

[10] M. Ahsan, S. Eshkabilov, B. Cemek, E. Kucuktopcu, C. W. Lee and H. Simsek, "Deep Learning Models to Determine Nutrient Concentration in Hydroponically Grown Lettuce Cultivars (Lactuca sativa L.)," *MDPI,* vol. 14, no. 1, 2021.

[11] Felix, J. Wijaya, S. P. Sutra, P. W. Kosasih and P. Sirait, "Implementasi Convolutional Neural Network Untuk," *JURNAL SIFO MIKROSKIL,* vol. 21, no. 1, 2020.

[12] Riswandi, R. Jamiah, N. Mardhatillah and H. P. Hamid, "Klasifikasi Penyakit Pada Citra Daun Jeruk Menggunakan Arsitektur," *Jurnal Fokus Elektroda,* vol. 6, no. 4, pp. 212-215, 2021.

[13] T. S. Winanto, C. Rozikin and A. Jamaludin, "Analisa Performa Arsitektur Transfer Learning Untuk Mengindentifikasi Penyakit Daun Pada Tanaman Pangan," *Journal of Applied Informatics and Computing (JAIC),* vol. 7, no. 1, pp. 68-81, 2023.

[14] N. Rochmawati, H. B. Hidayati, Y. Yamasari, H. P. A. Tjahyaningtijas, W. Yusnanti and A. Prihanto, "Analisa Learning Rate dan Batch Size Pada Klasifikasi Covid Menggunakan Deep Learning dengan Optimizer Adam," *Journal Information Engineering and Educational Technology (JIEET),* vol. 5, no. 2, 2021.

[15] E. Yuliani, A. N. Aini and C. U. Khasanah, "Perbandingan Jumlah Epoch Dan Steps Per Epoch Pada Convolutional Neural Network Untuk Meningkatkan Akurasi Dalam Klasifikasi Gambar," *Jurnal INFORMA Politeknik Indonusa Surakarta,* vol. 5, no. 3, 2019.

[16] R. Bagaskara, A. K. Rizkita, R. Fernandes and W. Yulita, "Pendeteksian Jumlah Bangunan Berbasis Citra Menggunakan Metode Deep Learning," *Jurnal Sains Komputer dan Informatika (J-SAKTI),* vol. 6, no. 1, pp. 94-100, 2022.

[17] S. Tilawah, "Medium," 31 Mei 2020. [Online]. Available: https://medium.com/@saritilawah9/adam-optimizer-80cc267522af. [Accessed 09 Agustus 2023].

[18] R. Fajri and L. Atika, "Implementasi Machine Learning Dengan Menggunakan CNN (Convolutional Neural Network) Untuk Klasifikasi CItra Candi," *Bina Darma Conference on Computer Science (BDCCS),* vol. 3, no. 2, 2021.

[19] P. A. Nugroho, I. Fenriana and R. Arijanto, "Implementasi Deep Learning Menggunakan Convolutional Neural Network (CNN) Pada Ekspresi Manusia," *JURNAL ALGOR,* vol. 2, no. 1, 2020.

[20] R. Malik, "Kaggle," 2022. [Online]. Available: https://www.kaggle.com/datasets/baronn/lettuce-npk-dataset. [Accessed 2023].

[21] K. Seth, "Kaggle," 2022. [Online]. Available: https://www.kaggle.com/datasets/kritikseth/fruit-and-vegetable-image-recognition. [Accessed 2023].

[22] A. D. Lazuardi, "Roboflow," 2021. [Online]. Available: https://universe.roboflow.com/adam-dika-lazuardi. [Accessed 2023].

[23] T. Carneiro, R. V. M. D. NoBrega, T. Nepomuceno, G.-B. Bian, V. H. C. Albuquerque and P. P. R. Filho, "Performance Analysis of Google Colaboratory as a Tool for Accelerating Deep Learning Applications," *IEEE,* vol. 6, 2018.

[24] A. H. Nasrullah and H. Annur, "Implementasi Metode Convolutional Neural Network Untuk," *JURNAL MEDIA INFORMATIKA BUDIDARMA,* vol. 7, no. 2, pp. 726-736, 2023.

[25] M. Z. Altim, Faisal, Salmiah, Kasman, A. Yudhistira and R. A. Syamsyul, "PENGKLASIFIKASI BERAS MENGGUNAKAN METODE," *JURNAL INSTEK (INFORMATIKA SAINS DAN TEKNOLOGI),* vol. 7, 2022.

[26] J. Lu, L. Tan and H. Jiang, "Review on Convolutional Neural Network (CNN) Applied to," *MDPI,* 2021.