

## DAFTAR PUSTAKA

- [1] Erlyana Suryawijaya, E. (n.d.). *Continuing Medical Education Akreditasi PB IDI-4 SKP Retinopati Diabetes*.
- [2] Annisa Queentinel, V., & Triyani, Y. (n.d.). *Klasifikasi Penyakit Diabetic Retinopathy Pada Citra Fundus Berbasis Deep Learning*.
- [3] Setyoputri, N. T., Adi, S., & Sasono, W. (n.d.). *Prevalensi Dan Karakteristik Pasien Retinopati Diabetik Di Poli Mata RSUD Dr. Soetomo*.
- [4] Sekarini, Tamara. (n.d.). *Prevalensi Kejadian Retinopati Diabetika Pada Penderita Diabetes Melitus Di Klinik Penyakit Dalam Rumah Sakit Bethesda Yogyakarta Karya Tulis Ilmiah*.
- [5] Mobeen ur Rahman, Sharzil Haris, Zeeshan Abbas, S.M. Danish Rizvi & Palanisamy. (2019). *Classification of Diabetic Retinopathy Images Based on Customized CNN Architecture*.
- [6] Kusuma B. (2017). "Apa yang Dimaksud dengan Retinopati Diabetik?". diakses pada halaman *web dictio.id*.
- [7] Mark W. L., "Manual for Eye Examination and Diagnosis Eight Edition," Chichester, WesSussex, UK, 2012.
- [8] Utami, Dinial (Surabaya, I. F. of I. and C. Technology. D. of I., & Institute of Electrical and Electronics Engineers. (n.d.). *Proceedings of 2019 International Conference on Information & Communication Technology and Systems (ICTS) : Surabaya, July 18th, 2019*.
- [9] S. Kusuhara, Y. Fukushima, S. Ogura, N. Inoue, and A. Uemura, "Pathophysiology of diabetic retinopathy: The old and the new," *Diabetes Metab. J*, vol. 42, no. 364375, p. 5, 2018.
- [10] T. Shanti; R. S. Sabeenian, "Modified Alexnet Architecture for Classification of Diabetic," *Computers and Electrical Engineering*, vol. 76, pp. 56-64, 2019.
- [11] Ibnul Rasidi, A., Pasaribu, Y. A. H., Ziqri, A., & Adhinata, F. D. (2022). Klasifikasi Sampah Organik dan Non-Organik Menggunakan Convolutional Neural Network. *Jurnal Teknik Informatika Dan Sistem Informasi*, 8(1). <https://doi.org/10.28932/jutisi.v8i1.4314>
- [12] S. ALBAWI, T. A. MOHAMMED and S. AL-ZAWI , "Understanding of a Convolutional Neural Network," *International Conference on Engineering*, pp. 1-6, 2017.

- [14] D. K. RI, *Pharmaceurical Care untuk Penyakit Diabetes Melitus*, 2005.
- [15] R. Munir, "Pengolahan Citra Digital". *J.Ilm.SINUS*, vol. 16, no. 2, pp.71-77, 2004, doi:10.30646/sinus.v162.363.
- [16] I. Sarirotul; N. Agung, "Implementasi Deep Learning pada Identifikasi Jenis Tumbuhan berdasarkan Citra Daun menggunakan Convolutional Neural Network," *JUSTINDO (Jurnal Sistem & Teknologi Informasi Indonesia*, vol. 3, no. 2, pp. 49-56, 201
- [17] C. D. R. Wulandari, S. A. Wibowo and L. Novamizanti, "Classification of diabetic retinopathy using statistical region merging and convolutional neural network", *Proceedings - 2019 IEEE Asia Pacific Conference on Wireless and Mobile APWiMob2019*, pp. 94-98, 2019.
- [18] Kholik, A. (2021). *Klasifikasi Menggunakan Convolutional Neural Network (Cnn) Pada Tangkapan Layar Halaman Instagram. JDMSI*, 2(2), 10–20.
- [19] F. Li, H. Chen, Z. Liu, X. d. Zhang, M. s. Jiang, Z. z. Wu and K. q. Zhou, "Deep learning-Based Automated Detection Of Retinal Diseases Using Optical Coherence Tomography Images," *Biomedical Optics Express*, vol. 10, no. 12, pp. 6204-6226, 2019.
- [20] Abdullah, Syafiq. "Klasifikasi Diabetic Retinopathy Berbasis Pengolahan Citra Fundus Dan Deep Learning Diabetic Retinopathy Classification Based On Fundus Image Processing And Deep Learning" 2021.
- [21] Kingma, D. P., & Ba, J. (2014). *Adam: A Method for Stochastic Optimization*. <http://arxiv.org/abs/1412.6980>
- [22] Miranda, N. D., Novamizanti, L., & Rizal, S. (2020). Convolutional Neural Network Pada Klasifikasi Sidik Jari Menggunakan Resnet-50. *Jurnal Teknik Informatika (Jutif)*, 1(2), 61–68. <https://doi.org/10.20884/1.jutif.2020.1.2.18>
- [23] Shi, N., Li, D., Hong, M., & Sun, R. (n.d.). *RMSPROP CONVERGES WITH PROPER HYPER-PARAMETER*.
- [24] Dozat, T. (n.d.). *Workshop track-ICLR 2016 Incorporating Nesterov Momentum Into Adam*.
- [25] A. G. Howard, M. Zhu, B. Chen, D. Kalenichenko, W. Wang, T. Weyand, M. Andreetto and H. Adam, "MobileNets: Efficient Convolutional Neural Networks For Mobile Vision," *Computer Science*, 2017.
- [26] Chawla, N. v, Bowyer, K. W., Hall, L. O., & Kegelmeyer, W. P. (2002). SMOTE: Synthetic Minority Over-sampling Technique. In *Journal of Artificial Intelligence Research (Vol. 16)*.

- [27] Hidayat, T., Anelia, S. S., Pratiwi, R. I., Salsabila, N., & Prasvita, D. S. (2021). *Perbandingan Akurasi Klasifikasi Penyakit Diabetes Menggunakan Algoritma Adaboost-Random Forest Dan Adaboost-Decision Tree Dengan Imputasi Median Dan Knn*. In Seminar Nasional Mahasiswa Ilmu Komputer dan Aplikasinya (SENAMIKA) Jakarta-Indonesia. <https://www.kaggle.com/uciml/pima-indians-diabetes-database>
- [28] Gangnon RE, Davis MD, Hubbard LD, Aiello LM, Chew EY, Ferris FL 3rd, Fisher MR; Early Treatment Diabetic Retinopathy Study Research Group. A severity scale for diabetic macular edema developed from ETDRS data. *Invest Ophthalmol Vis Sci*. 2008 Nov;49(11):5041-7.
- [29] S. R. Sulistiyanti, F. A. Setyawan, and M. Komarudin, "Pengolahan Citra Dasar dan Contoh Penerapannya," *Teknosain*, p. 129, 2016.
- [30] Patel, S. (2020). Diabetic Retinopathy Detection and Classification using Pre-trained Convolutional Neural Networks Deep Learning for Object Detection View project Diabetic Retinopathy Detection and Classification using Pre-trained Convolutional Neural Networks. *Patel International Journal on Emerging Technologies*, 11(3), 1082–1087. <https://www.researchgate.net/publication/344248976>