

DAFTAR PUSTAKA

- [1] F. Nurona Cahya, N. Hardi, D. Riana, and S. Hadiani, “Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network (CNN),” *Sistemasi: Jurnal Sistem Informas*, 2021, doi: <https://doi.org/10.32520/stmsi.v10i3.1248>.
- [2] W. Health Organization, *World report on vision*. 2019.
- [3] M. Husein, “Hubungan Faktor Pekerja dan Intensitas Cahaya Las dengan Kelelahan Mata Pada Pekerja,” *Jurnal Ilmiah Universitas Batanghari Jambi*, vol. 22, no. 1, p. 339, Feb. 2022, doi: [10.33087/jiubj.v22i1.1796](https://doi.org/10.33087/jiubj.v22i1.1796).
- [4] Kementerian Kesehatan RI, *InfoDATIN : Pusat Data dan Informasi*. 2018.
- [5] Santi Anugrahsari, T. G. Umboh, and A. E. Tjandra, “Kontribusi Artificial Intelligent dalam Diagnostik dan Manajemen Penyakit Mata,” *Jurnal MedScientiae*, vol. 4, no. 1, Apr. 2025, doi: [10.36452/jmedscientiae.v4i1.3557](https://doi.org/10.36452/jmedscientiae.v4i1.3557).
- [6] L. Dong *et al.*, “Artificial Intelligence for Screening of Multiple Retinal and Optic Nerve Diseases,” *JAMA Netw Open*, p. E229960, May 2022, doi: [10.1001/jamanetworkopen.2022.9960](https://doi.org/10.1001/jamanetworkopen.2022.9960).
- [7] Ulfah Nur Oktaviana, Ricky Hendrawan, Alfian Dwi Khoirul Annas, and Galih Wasis Wicaksono, “Klasifikasi Penyakit Padi berdasarkan Citra Daun Menggunakan Model Terlatih Resnet101,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 5, no. 6, pp. 1216–1222, Dec. 2021, doi: [10.29207/resti.v5i6.3607](https://doi.org/10.29207/resti.v5i6.3607).
- [8] H. I. Fawaz, G. Forestier, J. Weber, L. Idoumghar, and P.-A. Muller, “Transfer learning for time series classification,” Nov. 2018, doi: [10.1109/BigData.2018.8621990](https://doi.org/10.1109/BigData.2018.8621990).
- [9] Z. Sun, J. H. Chuah, and G. M. T. Chai, “Eye State Recognition Using InceptionV3 and VGG16,” *2023 International Conference on Artificial Intelligence, Blockchain, Cloud Computing, and Data Analytics, ICoABCD 2023*, pp. 94–99, 2023, doi: [10.1109/ICoABCD59879.2023.10390904](https://doi.org/10.1109/ICoABCD59879.2023.10390904).
- [10] O. Iparraguirre-Villanueva, V. Guevara-Ponce, O. R. Paredes, F. Sierra-Liñan, J. Zapata-Paulini, and M. Cabanillas-Carbonell, “Convolutional

- Neural Networks with Transfer Learning for Pneumonia Detection,” *International Journal of Advanced Computer Science and Applications*, vol. 13, no. 9, pp. 544–551, 2022, doi: 10.14569/IJACSA.2022.0130963.
- [11] C. Guo, M. Yu, and J. Li, “Prediction of different eye diseases based on fundus photography via deep transfer learning,” *J Clin Med*, vol. 10, no. 23, Dec. 2021, doi: 10.3390/jcm10235481.
- [12] I. Mudzakir and T. Arifin, “Klasifikasi Penggunaan Masker dengan Convolutional Neural Network Menggunakan Arsitektur MobileNetv2,” *EXPERT: Jurnal Manajemen Sistem Informasi dan Teknologi*, vol. 12, no. 1, p. 76, Jun. 2022, doi: 10.36448/expert.v12i1.2466.
- [13] A. Shitole, A. Kenchappagol, R. Jangle, Y. Shinde, and A. S. Chadha, “Enhancing Retinal Scan Classification: A Comparative Study of Transfer Learning and Ensemble Techniques,” *International Journal on Recent and Innovation Trends in Computing and Communication*, vol. 11, no. 7s, pp. 520–528, Jul. 2023, doi: 10.17762/ijritcc.v11i7s.7031.
- [14] S. Kassani, P. Kassani, R. Khazaeinezhad, M. Wesolowski, K. Schneider, and R. Deters, “Diabetic Retinopathy Classification Using a Modified Xception Architecture,” *IEEE*, 2019.
- [15] K. Nazir, J. Kim, and Y. C. Byun, “Enhancing Early-Stage Diabetic Retinopathy Detection Using a Weighted Ensemble of Deep Neural Networks,” *IEEE Access*, vol. 12, pp. 113565–113579, 2024, doi: 10.1109/ACCESS.2024.3432867.
- [16] S. Faizal, C. A. Rajput, R. Tripathi, B. Verma, M. R. Prusty, and S. S. Korade, “Automated cataract disease detection on anterior segment eye images using adaptive thresholding and fine tuned inception-v3 model,” *Biomed Signal Process Control*, vol. 82, Apr. 2023, doi: 10.1016/j.bspc.2022.104550.
- [17] A. A. Abdullah, A. Aldhahab, and H. M. Al Abboodi, “Deep-Ensemble Learning Models for the Detection and Classification of Eye Diseases Based on Engineering Feature Extraction with Efficientb6 and Densnet169,” *International Journal of Intelligent Engineering and Systems*, vol. 17, no. 6, pp. 1001–1022, 2024, doi: 10.22266/ijies2024.1231.75.

- [18] M. Fachri Ibrahim, “Antioksidan dan katarak,” *Jurnal Biomedika dan Kesehatan*, vol. 2, no. 4, 2019, doi: 10.18051/JBiomedKes.2019.
- [19] A. Nur Aini and Y. Santik, “Kejadian Katarak Senilis di RSUD Tugurejo,” 2018, [Online]. Available: <http://journal.unnes.ac.id/sju/index.php/higeia>
- [20] R. F. N. Purnama, I. Nintyastuti, and M. Rizki, “Retinopati Diabetik : Manifestasi Klinis, Diagnosis, Tatalaksana dan Pencegahan,” *Lombok Medical Journal*, vol. 2, no. 1, pp. 39–42, May 2023, doi: 10.29303/lmj.v2i1.2410.
- [21] S. P. Amir, H. Sa’diyah, R. N. Maharani, and A. Oddang, “Literature Review: Gambaran Klinis Retinopati Diabetik,” 2024.
- [22] M. Andy, “Glaukoma : Klasifikasi, Diagnosis dan Tatalaksana,” *Ked. N. Med |*, vol. 5, no. 1, 2022.
- [23] Yuhandri, A. Ramadhanu, and H. Syahputra, “PENGENALAN TEKNOLOGI PENGOLAHAN CITRA DIGITAL (DIGITAL IMAGE PROCESSING) UNTUK SANTRI DI RAHMATAN LIL’ALAMIN INTERNATIONAL ISLAMIC BOARDING SCHOOL,” *Communnity Development Journal*, vol. 3, no. 2, pp. 1239–1244, 2022.
- [24] P. Rianto and A. Harjoko, “Penentuan Kematangan Buah Salak Pondoh Di Pohon Berbasis Pengolahan Citra Digital,” 2017.
- [25] A. Raup, W. Ridwan, Y. Khoeriyah, Q. Yulianti Zaqiah, and U. Islam Negeri Sunan Gunung Djati Bandung, “Deep Learning dan Penerapannya dalam Pembelajaran,” 2022. [Online]. Available: <http://Jiip.stkipyapisdompui.ac.id>
- [26] D. P. Kingma and J. Ba, “Adam: A Method for Stochastic Optimization,” Dec. 2015, [Online]. Available: <http://arxiv.org/abs/1412.6980>
- [27] H. A. Pratiwi, M. Cahyanti, and M. Lamsani, “IMPLEMENTASI DEEP LEARNING FLOWER SCANNER MENGGUNAKAN METODE CONVOLUTIONAL NEURAL NETWORK,” *Sebatik*, vol. 25, no. 1, pp. 124–130, Jun. 2021, doi: 10.46984/sebatik.v25i1.1297.
- [28] F. Ramadhani, A. Satria, and S. Salamah, “Implementasi Algoritma Convolutional Neural Network dalam Mengidentifikasi Dini Penyakit pada Mata Katarak,” *sudo Jurnal Teknik Informatika*, vol. 2, no. 4, pp. 167–175, Dec. 2023, doi: 10.56211/sudo.v2i4.408.

- [29] A. Kholik, "KLASIFIKASI MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK (CNN) PADA TANGKAPAN LAYAR HALAMAN INSTAGRAM," *JDMSI*, vol. 2, no. 2, pp. 10–20, 2021.
- [30] S. K. R. Meruva, V. G. S. Tulasi, N. Vinnakota, and V. Bhavana, "Risk Level Prediction of Diabetic Retinopathy based on Retinal Images using Deep Learning Algorithm," in *Procedia Computer Science*, Elsevier B.V., 2022, pp. 722–730. doi: 10.1016/j.procs.2022.12.074.
- [31] M. Iman, H. Arabnia, and K. Rasheed, "A Review of Deep Transfer Learning and Recent Advancements," 2023.
- [32] A. E. Minarno, L. Aripa, Y. Azhar, and Y. Munarko, "Classification of Malaria Cell Image Using Inception-V3 Architecture," *International Journal on Informatics Visualization*, 2023, doi: <http://dx.doi.org/10.30630/joiv.7.2.1301>.
- [33] Y. Arti and A. M. Arymurthy, "Face Spoofing Detection using Inception-v3 on RGB Modal and Depth Modal," *Jurnal Ilmu Komputer dan Informasi*, vol. 16, no. 1, pp. 47–57, Mar. 2023, doi: 10.21609/jiki.v16i1.1100.
- [34] A. Fuadi and A. Suharso, "PERBANDINGAN ARSITEKTUR MOBILENET DAN NASNETMOBILE UNTUK KLASIFIKASI PENYAKIT PADA CITRA DAUN KENTANG," 2022.
- [35] Darmatasia, "DETEKSI PENGGUNAAN MASKER MENGGUNAKAN XCEPTION TRANSFER LEARNING," 2020.
- [36] Rismiyati, S. N. Endah, Khadijah, and I. N. Shiddiq, "Xception Architecture Transfer Learning for Garbage Classification," in *ICICoS 2020 - Proceeding: 4th International Conference on Informatics and Computational Sciences*, Institute of Electrical and Electronics Engineers Inc., Nov. 2020. doi: 10.1109/ICICoS51170.2020.9299017.
- [37] O. Sagi and L. Rokach, "Ensemble learning: A survey," *Wiley Interdiscip Rev Data Min Knowl Discov*, vol. 8, no. 4, Jul. 2018, doi: 10.1002/widm.1249.
- [38] M. S. M. Farea and Z. Chen, "Breast Cancer classification by adaptive weighted average ensemble of previously trained models," 2023.

- [39] O. Octavian, A. Badruzzaman, Muhammand Yusuf Ridho, and B. D. Trisedya, “Enhancing Weighted Averaging for CNN Model *Ensemble* in Plant Diseases Image Classification,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 8, no. 2, pp. 272–279, Apr. 2024, doi: 10.29207/resti.v8i2.5669.
- [40] A. Darmawan and L. Iswari, “Pengembangan Aplikasi Berbasis Web dengan Python Flask untuk Klasifikasi Data Menggunakan Metode Decision Tree C4.5,” vol. 4, 2022.
- [41] K. Singh, H. Pant, J. George, K. Kumari, and N. Yadav, “Exploiting EfficientNetB3, InceptionV3, and DenseNet121 for Enhanced Eye Disease Classification,” in *Proceedings - 2024 International Conference on Progressive Innovations in Intelligent Systems and Data Science, ICPIDS 2024*, Institute of Electrical and Electronics Engineers Inc., 2024, pp. 368–374. doi: 10.1109/ICPIDS65698.2024.00064.
- [42] J. Jepkoech, D. M. Mugo, B. K. Kenduiywo, and E. C. Too, “The Effect of Adaptive *Learning rate* on the Accuracy of Neural Networks,” *IJACSA) International Journal of Advanced Computer Science and Applications*, vol. 12, no. 8, p. 2021, 2021, [Online]. Available: www.ijacsa.thesai.org