DAFTAR PUSTAKA

Abdullah, S. H., Magdalena, R., & Fu'adah, R. Y. N. (2022). Klasifikasi Diabetic Retinopathy Berbasis Pengolahan Citra Fundus Dan Deep Learning. *Journal Of Electrical And System Control Engineering*, *5*(2), 84–90. Https://Doi.Org/10.31289/Jesce.V5i2.5659

Adhiputra, A. Y. (2023). *Sistem Klasifikasi Penyakit Pada Mata Menggunakan Convolutional Neural Network Dengan Arsitektur VGG16*.

Ahsan, M. S., Kusrini, K., & Ariatmanto, D. (2023). Chicken Disease Classification Based On Inception V3 Algorithm For Data Imbalance. *Sinkron*, *8*(3), 1875–1882. Https://Doi.Org/10.33395/Sinkron.V8i3.12737

Al-Fahrezi, M. A. (2025). Pengaruh Augmentasi Data Terhadap Akurasi Pelatihan Model CNN Untuk Klasifikasi Jenis Ikan. *JITSI : Jurnal Ilmiah Teknologi Sistem Informasi*, *6*(2), 177–185. Https://Doi.Org/10.62527/Jitsi.6.2.471

Alzubaidi, L., Zhang, J., Humaidi, A. J., Al-Dujaili, A., Duan, Y., Al-Shamma, O., Santamaría, J., Fadhel, M. A., Al-Amidie, M., & Farhan, L. (2021). Review Of Deep Learning: Concepts, CNN Architectures, Challenges, Applications, Future Directions. *Journal Of Big Data*, *8*(1). Https://Doi.Org/10.1186/S40537-021-00444-8

Andreas, E., & Widhiarso, W. (2023). Klasifikasi Penyakit Mata Katarak Menggunakan Convolutional Neural Network Dengan Arsitektur Inception V3. *MDP Student Conference 2023*. Https://Www.Kaggle.Com/Jr2ngb/Cataractdataset

Andriansyah, D.-, & Eka Wulansari Fridayanthie. (2023). Optimization Of Support Vector Machine And Xgboost Methods Using Feature Selection To Improve Classification Performance. *JOURNAL OF INFORMATICS AND TELECOMMUNICATION ENGINEERING*, *6*(2), 484–493. Https://Doi.Org/10.31289/Jite.V6i2.8373

Aqib, M., Abas, H., Ismail, N., Ihsan, A., Yassin, M., & Taib, M. N. (2018). VGG16 For Plant Image Classification With Transfer Learning And Data Augmentation. Dalam *International Journal Of Engineering & Technology* (Vol. 7, Nomor 11). Www.Sciencepubco.Com/Index.Php/IJET

Arslan, G., & Erdaş, Ç. B. (2023). Detection Of Cataract, Diabetic Retinopathy And Glaucoma Eye Diseases With Deep Learning Approach. *Intelligent Methods In Engineering Sciences*. Https://Doi.Org/10.58190/Imiens.2023.11

Bhandary, N., & Adnani, A. (2020). Eye Disease Detection Using RESNET. *International Research Journal Of Engineering And Technology*. Www.Irjet.Net

Cahya, F. N., Hardi, N., Riana, D., & Hadianti, S. (2021). Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network (CNN). *SISTEMASI: Jurnal Sistem Informasi*, *10*, 618–626. Http://Sistemasi.Ftik.Unisi.Ac.Id

Cahyana, N. W. (2020). *KATARAK & PENANGANANNYA Digital Repository Universitas Jember*.

Davenport, T., & Kalakota, R. (2019). DIGITAL TECHNOLOGY The Potential For Artificial Intelligence In Healthcare. Dalam *Future Healthcare Journal* (Vol. 6, Nomor 2).

Elkenawy, E.-S. M., Khodadadi, N., Gaber, K. Sh., Khodadadi, E., Alhussan, A. A., Khafaga, D. S., & Eid, M. M. (2026). Automated Retinal Disease Classification Using Deep Learning And Alexnet With Statistical Models Analysis. *PLOS One*, *21*(1), E0338415. Https://Doi.Org/10.1371/Journal.Pone.0338415

François-Lavet, V., Henderson, P., Islam, R., Bellemare, M. G., & Pineau, J. (2018). An Introduction To Deep Reinforcement Learning. *Foundations And Trends In Machine Learning*, *11*(3–4), 219–354. Https://Doi.Org/10.1561/2200000071

Ghosh, A., Sufian, A., Sultana, F., Chakrabarti, A., & De, D. (2019). Fundamental Concepts Of Convolutional Neural Network. Dalam *Intelligent Systems Reference Library* (Vol. 172, Hlm. 519–567). Springer. Https://Doi.Org/10.1007/978-3-030-32644-9_36

Goutte, C., & Gaussier, E. (2005). A Probabilistic Interpretation Of Precision, Recall And F-Score, With Implication For Evaluation. Dalam D. E. Losada & J. M. Fernández-Luna (Ed.), *Advances In Information Retrieval* (Hlm. 345–359). Springer Berlin Heidelberg.

Han, J. W., Kamber, M., & Pei, J. (2012). *Data Mining - Concepts And Techniques* (3rd Edition). Morgan Kaufmann Publisher.

Haqi, M. I. B. (2020). *Penerapan Chatbot Untuk Mendeteksi Kemiripan Gambar Asli Atau Manipulasi Menggunakan Metode Metadata Dan Error Level Analysis (Ela) Sebagai Komputasi Cnn*. UNIVERSITAS KOMPUTER INDONESIA.

Honestdocs. (2019). *Retinopati - Tanda, Penyebab, Gejala, Cara Mengobati*. Https://Www.Honestdocs.Id/Retinopati.

Huntjens Byki, Ctori, I., J. Hammond, C., M.Williams, K., & A. Mahroo Omar. (2016). *Classification And Heritability Of Macular*

Pigment Spatial Profile Phenotypes Using Two-Wavelength Fundus Autofluorescence. Https://Doi.Org/Https://Doi.Org/10.1111/J.1755-3768.2016.0526

Ilyas, S., & Yulianti, S. R. (2019). *Ilmu Penyakit Mata (H. Utama (Ed.)* (5th Edition). Badan Penerbit FK UI.

Imaduddin, H., & Sakina, A. R. (2024). Eye Disease Detection Using Transfer Learning Based On Retinal Fundus Image Data. *Indonesian Journal Of Electrical Engineering And Computer Science*, *36*(1), 509–516. Https://Doi.Org/10.11591/Ijeecs.V36.I1.Pp509-516

Infosehat FKUI. (2021). *Akademisi UI: Glaukoma, Penyebab Dan Cara Mengobatinya*. Https://Fk.Ui.Ac.Id/Infosehat/Akademisi-Ui-Glaukoma-Penyebab-Dan-Cara-Mengobatinya/.

Irianto, D. R., Anshori, Moh. A., & Mas'udi, P. E. (2020). Rancang Bangun Sistem Komunikasi Data Pemesanan Pada Drive Thru Toko Roti ETU Polinema Berbasis Android. *Jurnal Jartel: Jurnal Jaringan Telekomunikasi*, *10*(3), 144–149. Https://Doi.Org/10.33795/Jartel.V10i3.58

Kemenkes RI. (2021, Oktober 19). *Katarak Penyebab Terbanyak Gangguan Penglihatan Di Indonesia*. Https://Sehatnegeriku.Kemkes.Go.Id/Baca/Umum/20211012/5738714/Katarak-Penyebab-Terbanyak-Gangguan-Penglihatan-Di-Indonesia/.

Kemenkes RI. (2022, Oktober 5). *Begini Strategi Pengentasan Gangguan Penglihatan*. Https://Sehatnegeriku.Kemkes.Go.Id/Baca/Rilis-Media/20221005/1241204/Begini-Strategi-Pengentasan-Gangguan-Penglihatan/.

Kemenkes RI. (2023). *Keputusan Menteri Kesehatan Republik Indonesia*.

Khasanah, N., Saputri, D. U. E., Aziz, F., & Hidayat, T. (2023). Enhancing Skin Cancer Classification Using Optimized Inceptionv3 Model. *Journal Medical Informatics Technology*. Https://Doi.Org/10.37034/Medinftech.V1i3.14S

Kim, K. M., Heo, T. Y., Kim, A., Kim, J., Han, K. J., Yun, J., & Min, J. K. (2021). Development Of A Fundus Image-Based Deep Learning Diagnostic Tool For Various Retinal Diseases. *Journal Of Personalized Medicine*, *11*(5). Https://Doi.Org/10.3390/Jpm11050321

Kurama Vihar, & Mukherjee Shaoni. (2025, Maret 20). *Deep Learning Architectures Explained: Resnet, Inceptionv3, Squeezenet*.

Lardinois, F. (2015). *Microsoft Launches Visual Studio Code, A Free Cross-Platform Code Editor For Os X, Linux And Windows*.

Marcella, D., & Devella, S. (2022). *Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network Dengan Arsitektur VGG-19*. *3*(1), 60–70.

Maulida, R. A., & Afifah, F. (2024). Diabetic Retinopathy: A Literature Review. *Jurnal Biologi Tropis*, *24*(4), 188–192. Https://Doi.Org/10.29303/Jbt.V24i4.7589

Medline. (2025). *Bethesda (MD): National Library Of Medicine*.

Mintarsih, M. (2023). Pengujian Black Box Dengan Teknik Transition Pada Sistem Informasi Perpustakaan Berbasis Web Dengan Metode Waterfall Pada SMC Foundation. *Jurnal Teknologi Dan Sistem Informasi Bisnis*, *5*(1), 33–35. Https://Doi.Org/10.47233/Jteksis.V5i1.727

Neapolitan, R. E., & Jiang Xia. (2018). *Artificial Intelligence* (2nd Edition). In CRC Press Taylor & Francis Group.

Nima, R., & Shila, F. (2020). Crack Classification In Rotor-Bearing System By Means Of Wavelet Transform And Deep Learning Methods: An Experimental Investigation. *Journal Of Mechanical Engineering, Automation And Control Systems*, *1*(2), 102–113. Https://Doi.Org/10.21595/Jmeacs.2020.21799

Nordeen, A. (2020). *Learn Software Testing In 24 Hours: Definitive Guide To Learn Software Testing For Beginners*. Guru99. Https://Books.Google.Co.Id/Books?Id=Hrwgeaaaqbaj

Nurlizah, R., Minarno, A. E., & Wicaksono, G. W. (2022). Klasifikasi Penyakit Katarak Pada Mata Manusia Menggunakan Metode Convolutional Neural Network. *REPOSITOR*, *4*(4), 491–496.

Pattanayak, S., Singh, T., & Kumar, R. (2025). Refined Prognostication Of Pathological Complete Response In Breast Cancer Using Radiomic Features And Optimized Inceptionv3 With DCE-MRI. *Scientific Reports*, *15*(1). Https://Doi.Org/10.1038/S41598-025-08565-3

Pei, X., Zhao, Y. Hong, Chen, L., Guo, Q., Duan, Z., Pan, Y., & Hou, H. (2023). Robustness Of Machine Learning To Color, Size Change, Normalization, And Image Enhancement On Micrograph Datasets With Large Sample Differences. *Materials And Design*, *232*. Https://Doi.Org/10.1016/J.Matdes.2023.112086

Phandany, J. L., Sambul, A. M., & Lumenta, A. S. M. (2022). Comparative Study Of Digital Image Optimal Compression Algorithm Using Python. *Jurnal Teknik Elektro Dan Komputer*, *11*, 23–24.

Pramestya, R. H. (2018). *Deteksi Dan Klasifikasi Kerusakan Jalan Aspal Menggunakan Metode YOLO Berbasis Citra Digital*. Institut Teknologi Sepuluh Nopember.

Rebala, G., Ravi Ajay, & Churiwala, S. (2019). *An Introduction To Machine Learning Germany*. Springer International Publishing.

Reguant, R., Brunak, S., & Saha, S. (2021). Understanding Inherent Image Features In CNN-Based Assessment Of Diabetic Retinopathy. *Scientific Reports*, *11*(1). Https://Doi.Org/10.1038/S41598-021-89225-0

Saputra, D., Dharmawan, W. S., Syarif, M., & Risdiansyah Deni. (2023). *Analisis & Perancangan Sistem Informasi* (Cetakan I). PT. INSAN CENDEKIA MANDIRI GROUP.

Sengupta, S., Singh, A., Leopold, H. A., Gulati, T., & Lakshminarayanan, V. (2020). Ophthalmic Diagnosis Using Deep Learning With Fundus Images – A Critical Review. *Artificial Intelligence In Medicine*, *102*, 101758. Https://Doi.Org/10.1016/J.Artmed.2019.101758

Soen, G. I. E., Marlina, M., & Renny, R. (2022). Implementasi Cloud Computing Dengan Google Colaboratory Pada Aplikasi Pengolah Data Zoom Participants. *JITU : Journal Informatic Technology And Communication*, *6*(1), 24–30. Https://Doi.Org/10.36596/Jitu.V6i1.781

Sugiyono. (2018). *Metode Penelitian Kuantitatif, Kualitatif Dan R & D* . Alfabeta.

Suwanda, A. E., & Juniati, D. (2022a). Klasifikasi Penyakit Mata Berdasarkan Citra Fundus Retina Menggunakan Dimensi Fraktal Box Counting Dan Fuzzy K-Means. *Jurnal Penelitian Matematika Dan Pendidikan Matematika*, *5*, 10–18.

Suwanda, A. E., & Juniati, D. (2022b). Klasifikasi Penyakit Mata Berdasarkan Citra Fundus Retina Menggunakan Dimensi Fraktal Box Counting Dan Fuzzy K-Means. Dalam *Halaman* (Vol. 10).

Szegedy, C., Liu, W., Jia, Y., Sermanet, P., Reed, S., Anguelov, D., Erhan, D., Vanhoucke, V., & Rabinovich, A. (2015). Going Deeper With Convolutions. *2015 IEEE Conference On Computer Vision And Pattern Recognition (CVPR)*, 1–9. Https://Doi.Org/10.1109/CVPR.2015.7298594

Szegedy, C., Vanhoucke, V., Ioffe, S., Shlens, J., & Wojna, Z. (2016). Rethinking The Inception Architecture For Computer Vision. *2016 IEEE Conference On Computer Vision And Pattern Recognition (CVPR)*, 2818–2826. Https://Doi.Org/10.1109/CVPR.2016.308

Townsend, J. T. (1971). Theoretical Analysis Of An Alphabetic Confusion Matrix. *Perception & Psychophysics*, *9*(1), 40–50. Https://Doi.Org/10.3758/BF03213026

Wagner-Schuman, M., Dubis, A. M., Nordgren, R. N., Lei, Y., Odell, D., Chiao, H., Weh, E., Fischer, W., Sulai, Y., Dubra, A., & Carroll, J. (2011). Race- And Sex-Related Differences In Retinal Thickness And Foveal Pit Morphology.

Investigative Ophthalmology And Visual Science, *52*(1), 625–634. Https://Doi.Org/10.1167/Iovs.10-5886

WHO. (2020). *Diabetic Retinopathy Screening: A Short Guide*.

Yu, F. R., & He, Y. (2019). Deep Reinforcement Learning For Interference Alignment Wireless Networks. Dalam *Deep Reinforcement Learning For Wireless Networks Springerbriefs In Electrical And Computer Engineering*, (Hlm. 21–44). Https://Doi.Org/10.1007/978-3-030-10546-4_3