DAFTAR PUSTAKA

[1] W. Health Organization, “World report on vision.”

[2] “View of COST EFFECTIVENESS ANALYSIS BETWEEN SMALL INCISION CATARACT SURGERY AND PHACOEMULSIFICATION”.

[3] E. Hartati, “KLASIFIKASI PENYAKIT MATA MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK MODEL RESNET-50.”

[4] D. M. H. Nguyen *et al.*, “Deep Learning for Ophthalmology: The State-of-the-Art and Future Trends,” Jan. 2025, [Online]. Available: http://arxiv.org/abs/2501.04073

[5] T. D. Nguyen, D. T. Le, J. Bum, S. Kim, S. J. Song, and H. Choo, “Retinal Disease Diagnosis Using Deep Learning on Ultra-Wide-Field Fundus Images,” *Diagnostics*, vol. 14, no. 1, Jan. 2024, doi: 10.3390/diagnostics14010105.

[6] W. Hu *et al.*, “FundusNet: A Deep-Learning Approach for Fast Diagnosis of Neurodegenerative and Eye Diseases Using Fundus Images,” *Bioengineering*, vol. 12, no. 1, 2025, doi: 10.3390/bioengineering12010057.

[7] D. Marcella and S. Devella, “Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network Dengan Arsitektur VGG-19,” vol. 3, no. 1, pp. 60–70, 2022.

[8] B. H. Zhang and S. A. M. Ahmed, “Systems Thinking—Ludwig Von Bertalanffy, Peter Senge, and Donella Meadows,” in *Science Education in Theory and Practice: An Introductory Guide to Learning Theory*, B. Akpan and T. J. Kennedy, Eds., Cham: Springer International Publishing, 2020, pp. 419–436. doi: 10.1007/978-3-030-43620-9_28.

[9] J. Khatib Sulaiman, U. Klasifikasi Jenis Beras Berdasarkan Citra Digital Robi Ardiansyah, E. Itje Sela, and U. Teknologi Yogyakarta, “Implementasi Convolutional Neural Network,” *Indonesian Journal of Computer Science Attribution*, vol. 12, no. 6, pp. 2023–4172.

[10] Z. Zhang, C. Deng, and Y. M. Paulus, “Advances in Structural and Functional Retinal Imaging and Biomarkers for Early Detection of Diabetic Retinopathy,” *Biomedicines*, vol. 12, no. 7, 2024, doi: 10.3390/biomedicines12071405.

[11] S. S. Whitmore *et al.*, “Modeling rod and cone photoreceptor cell survival *in vivo* using optical coherence tomography,” Nov. 22, 2022. doi: 10.1101/2022.11.21.22281626.

[12] R. E. Morya *et al.*, “Public awareness about glaucoma, cataract, and diabetic retinopathy in Saudi Arabia: a systematic review and meta-analysis,” *Int*

Ophthalmol, vol. 43, no. 10, pp. 3853–3890, 2023, doi: 10.1007/s10792-023-02757-4.

[13] D. M. H. Nguyen *et al.*, "Deep Learning for Ophthalmology: The State-of-the-Art and Future Trends," Jan. 2025, [Online]. Available: http://arxiv.org/abs/2501.04073

[14] X. Chen, J. Xu, X. Chen, and K. Yao, "Cataract: Advances in surgery and whether surgery remains the only treatment in future," Nov. 01, 2021, *Elsevier Inc.* doi: 10.1016/j.aopr.2021.100008.

[15] D. Y. Kim *et al.*, "Comparative Outcomes of the Next-Generation Extended Depth-of-Focus Intraocular Lens and Enhanced Monofocal Intraocular Lens in Cataract Surgery," *J Clin Med*, vol. 14, no. 14, 2025, doi: 10.3390/jcm14144967.

[16] E. Edozie, A. N. Shuaibu, U. K. John, and B. O. Sadiq, "Comprehensive review of recent developments in visual object detection based on deep learning," *Artif Intell Rev*, vol. 58, no. 9, p. 277, 2025, doi: 10.1007/s10462-025-11284-w.

[17] H. Koç, A. M. Erdoğan, Y. Barjakly, and S. Peker, "UML Diagrams in Software Engineering Research: A Systematic Literature Review," *Proc West Mark Ed Assoc Conf*, vol. 74, no. 1, 2021, doi: 10.3390/proceedings2021074013.

[18] J. Mantik *et al.*, "User interface and user experience design for the TB.berkat rezeki website," Online, 2024.

[19] Z. H. Muhamad, D. A. Abdulmonim, and B. Alathari, "An integration of uml use case diagram and activity diagram with Z language for formalization of library management system," *International Journal of Electrical and Computer Engineering*, vol. 9, no. 4, pp. 3069–3076, Aug. 2019, doi: 10.11591/ijece.v9i4.pp3069-3076.

[20] S. Al-Fedaghi, "UML Sequence Diagram: An Alternative Model." [Online]. Available: www.thesai.org

[21] Y. Chen, B. M. Sadler, and R. S. Blum, "Ordered Gradient Approach for Communication-Efficient Distributed Learning," in *2020 IEEE 21st International Workshop on Signal Processing Advances in Wireless Communications (SPAWC)*, 2020, pp. 1–5. doi: 10.1109/SPAWC48557.2020.9153887.

[22] R. Dyer and J. Chauhan, "An exploratory study on the predominant programming paradigms in Python code," in *ESEC/FSE 2022 - Proceedings of the 30th ACM Joint Meeting European Software Engineering Conference and Symposium on the Foundations of Software Engineering*, Association for

Computing Machinery, Inc, Nov. 2022, pp. 684–695. doi: 10.1145/3540250.3549158.

[23] F. Ahmad Fauzi, F. Darmawan, J. Setiabudhi no, and J. Barat, "Pembangunan Aplikasi E-Commerce berbasis Website Menggunakan Laravel," 2023. [Online]. Available: https://journal.unpas.ac.id/index.php/pasinformatik

[24] S. Muchuchuti and S. Viriri, "Retinal Disease Detection Using Deep Learning Techniques: A Comprehensive Review," *J Imaging*, vol. 9, no. 4, 2023, doi: 10.3390/jimaging9040084.