DAFTAR PUSTAKA

[1] WHO, "WHO Factsheet Vector-borne diseases," *Factsheet number 387*, no. March, 2024, [Online]. Available: https://www.who.int/news-room/fact-sheets/detail/vector-borne-diseases

[2] J. Redmon, S. Divvala, R. Girshick, and A. Farhadi, "You only look once: Unified, real-time object detection," *Proc. IEEE Comput. Soc. Conf. Comput. Vis. Pattern Recognit.*, vol. 2016-Decem, pp. 779–788, 2016, doi: 10.1109/CVPR.2016.91.

[3] A. Goodwin *et al.*, "Mosquito species identification using convolutional neural networks with a multitiered ensemble model for novel species detection," *Sci. Rep.*, vol. 11, no. 1, pp. 1–15, 2021, doi: 10.1038/s41598-021-92891-9.

[4] D. Paramitha, "Klasifikasi Jenis Nyamuk Berdasarkan Citra Tubuh Nyamuk Menggunakan Metode You Only Look Once Versi 7," 2024, [Online]. Available: https://repositori.usu.ac.id/handle/123456789/96831

[5] J. Terven, D. M. Córdova-Esparza, and J. A. Romero-González, "A Comprehensive Review of YOLO Architectures in Computer Vision: From YOLOv1 to YOLOv8 and YOLO-NAS," *Mach. Learn. Knowl. Extr.*, vol. 5, no. 4, pp. 1680–1716, 2023, doi: 10.3390/make5040083.

[6] Z. Tian and H. Chen, "FCOS : Fully Convolutional One-Stage Object Detection," pp. 9627–9636.

[7] R. Szeliski, "Computer vision: algorithms and applications," *Choice Rev. Online*, vol. 48, no. 09, pp. 48-5140-48–5140, 2011, doi: 10.5860/choice.48-5140.

[8] Z. Q. Zhao, P. Zheng, S. T. Xu, and X. Wu, "Object Detection with Deep Learning: A Review," *IEEE Trans. Neural Networks Learn. Syst.*, vol. 30, no. 11, pp. 3212–3232, 2019, doi: 10.1109/TNNLS.2018.2876865.

[9] H. C. Andrews, "Digital Image Processing," *Computer (Long. Beach. Calif).*, vol. 7, no. 5, pp. 17–19, 1974, doi: 10.1109/MC.1974.6323522.

[10] Z. Mahmood, "Digital Image Processing: Advanced Technologies and Applications," *Appl. Sci.*, vol. 14, no. 14, 2024, doi: 10.3390/app14146051.

[11] R. E. Twogood and R. J. Sherwood, "Overview of Digital Image Processing.," *Midwest Symp. Circuits Syst.*, vol. 7, no. 2, pp. 384–388, 1983, doi: 10.36948/ijfmr.2025.v07i02.38991.

[12] W. Zheng, "Current Technologies and Applications of Digital Image Processing," *J. Biomed. Sustain. Healthc. Appl.*, vol. 3, no. 1, pp. 13–23, 2023, doi: 10.53759/0088/jbsha202303002.

[13] C. Liu, "A Review of Digital Image Processing Techniques and Future Prospects," *Int. J. Comput. Sci. Inf. Technol.*, vol. 4, no. 3, pp. 223–233, 2024, doi: 10.62051/ijcsit.v4n3.22.

[14] Neetu Rani, "Image Processing Techniques: A Review," *J. Today's Ideas - Tomorrow's Technol.*, vol. 5, no. 1, pp. 40–49, 2017, doi: 10.15415/jotitt.2017.51003.

[15] C. N. Deshmukh and S. S. Tantarpale, "Study on Process of Digital Image

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Processing," *Int. Organ. Sci. Res.*, vol. 10, no. 1, pp. 2278–8719, 2020, [Online]. Available: www.iosrjen.org

[16] W. Yang, X. Wang, X. Luo, S. Xie, and J. Chen, "S2S-Sim: A Benchmark Dataset for Ship Cooperative 3D Object Detection," *Electron.*, vol. 13, no. 5, 2024, doi: 10.3390/electronics13050885.

[17] E. Micheli-Tzanakou, "Artificial neural networks: An overview," *Netw. Comput. Neural Syst.*, vol. 22, no. 1–4, pp. 208–230, 2011, doi: 10.3109/0954898X.2011.638355.

[18] B. Zhurakovskyi, V. Poltorak, S. Toliupa, O. Pliushch, and A. Platonenko, "Processing and Analyzing Images based on a Neural Network," *CEUR Workshop Proc.*, vol. 3654, pp. 125–136, 2024.

[19] M. Trigka and E. Dritsas, "A Comprehensive Survey of Deep Learning Approaches in Image Processing," *Sensors*, vol. 25, no. 2, 2025, doi: 10.3390/s25020531.

[20] S. R. Dubey, S. K. Singh, and B. B. Chaudhuri, "Activation functions in deep learning: A comprehensive survey and benchmark," *Neurocomputing*, vol. 503, pp. 92–108, 2022, doi: 10.1016/j.neucom.2022.06.111.

[21] B. Yuen, M. T. Hoang, X. Dong, and T. Lu, "Universal activation function for machine learning," *Sci. Rep.*, vol. 11, no. 1, pp. 1–11, 2021, doi: 10.1038/s41598-021-96723-8.

[22] J. Gu, "Exploring the Frontiers of Softmax : Provable Optimization , Applications in Diffusion Model , and Beyond".

[23] Y. Lecun, Y. Bengio, and G. Hinton, "Deep learning," *Nature*, vol. 521, no. 7553, pp. 436–444, 2015, doi: 10.1038/nature14539.

[24] V. Dumoulin and F. Visin, "A guide to convolution arithmetic for deep learning," pp. 1–31, 2018, [Online]. Available: http://arxiv.org/abs/1603.07285

[25] R. Girshick, "Fast R-CNN," *Proc. IEEE Int. Conf. Comput. Vis.*, vol. 2015 Inter, pp. 1440–1448, 2015, doi: 10.1109/ICCV.2015.169.

[26] H. Rampersad, "Developing," *Total Perform. Scorec.*, pp. 159–183, 2020, doi: 10.4324/9780080519340-12.

[27] G. Plastiras, C. Kyrkou, and T. Theocharides, "Efficient convnet-based object detection for unmanned aerial vehicles by selective tile processing," *ACM Int. Conf. Proceeding Ser.*, 2018, doi: 10.1145/3243394.3243692.

[28] Ultralytics, "YOLOv8 Documentation," Ultralytics. Accessed: Apr. 20, 2026. [Online]. Available: https://docs.ultralytics.com

[29] "A review of advancements in low-light image enhancement using deep learning Fangxue Liu," pp. 1–34, 2020.

[30] Y. Burkhardt, "Department of Informatics," *Master's Thesis, Dep. Informatics, Tech. Univ. Munich*, no. Strand 5, p. 73, 2020, [Online]. Available: https://elib.dlr.de/186287/

[31] T. Lin *et al.*, "Feature Pyramid Networks for Object Detection," *Proc. IEEE Conf. Comput. Vis. Pattern Recognit.*, pp. 2117–2125, 2017, doi: 10.1109/CVPR.2017.106.

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[32] J. S. Shu Liu, L. Qi, H. Qin, "Path Aggregation Network for Instance Segmentation," *Proc. IEEE Conf. Comput. Vis. Pattern Recognit.*, pp. 8759–8768, 2018, doi: 10.1109/CVPR.2018.00913.

[33] L. Roeder, "Netron: Neural Network Visualization Tool," Netron. Accessed: Apr. 20, 2026. [Online]. Available: https://netron.app

[34] A. Mint Mohamed Lemine *et al.*, "Mosquitoes (Diptera: Culicidae) in Mauritania: A review of their biodiversity, distribution and medical importance," *Parasites and Vectors*, vol. 10, no. 1, pp. 1–13, 2017, doi: 10.1186/s13071-017-1978-y.

[35] G. A*, D. K, G. A, and G. Y, "A Review of Mosquitoes (Diptera: Culicidae) and Their Biodiversity, Medical and Veterinary Importance," *Virol. Immunol. J.*, vol. 9, no. 1, pp. 1–9, 2025, doi: 10.23880/vij-16000355.

[36] S. H. Moosa-Kazemi, "'The Mosquitoes (Diptera: Culicidae) and their Medical and Veterinary Importance in an Arid Zone of Central Iran,'" *Biomed. J. Sci. Tech. Res.*, vol. 40, no. 3, pp. 32283–32290, 2021, doi: 10.26717/bjstr.2021.40.006455.

[37] R. Dalpadado, D. Amarasinghe, N. Gunathilaka, and N. Ariyarathna, "Bionomic aspects of dengue vectors Aedes aegypti and Aedes albopictus at domestic settings in urban, suburban and rural areas in Gampaha District, Western Province of Sri Lanka," *Parasites and Vectors*, vol. 15, no. 1, pp. 1–14, 2022, doi: 10.1186/s13071-022-05261-3.

[38] S. SD, "Some Issues and Challenges Faced in Dengue," *Virol. Immunol. J.*, vol. 1, no. 2, 2017, doi: 10.23880/vij-16000111.

[39] K. M. Mbanzulu *et al.*, "Physicochemical Characteristics of Aedes Mosquito Breeding Habitats in Suburban and Urban Areas of Kinshasa, Democratic Republic of the Congo," *Front. Trop. Dis.*, vol. 2, no. January, pp. 1–9, 2021, doi: 10.3389/fitd.2021.789273.

[40] T. Pereira-Dos-Santos, D. Roiz, R. Lourenço-De-Oliveira, and C. Paupy, "A systematic review: Is Aedes albopictus an efficient bridge vector for zoonotic arboviruses?," *Pathogens*, vol. 9, no. 4, pp. 1–24, 2020, doi: 10.3390/pathogens9040266.

[41] S. Seok *et al.*, "Arboviral disease outbreaks, Aedes mosquitoes, and vector control efforts in the Pacific," *Front. Trop. Dis.*, vol. 4, no. January, pp. 1–13, 2023, doi: 10.3389/fitd.2023.1035273.

[42] M. Madhav, K. R. Blasdell, B. Trewin, and P. N. Paradkar, "Control Strategies using Wolbachia," *Viruses*, pp. 1–24, 2024.

[43] S. K. Moser *et al.*, "Scoping review of Culex mosquito life history trait heterogeneity in response to temperature," *Parasites and Vectors*, vol. 16, no. 1, pp. 1–16, 2023, doi: 10.1186/s13071-023-05792-3.

[44] I. Goodfellow, *Deep Learning*, 1st ed. Cambridge, MA: MIT Press, 2016. [Online]. Available: https://www.deeplearningbook.org/

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