

DAFTAR PUSTAKA

- [1] World Health Organization, “Mpox,” 2024. Diakses: 19 September 2024. [Daring]. Tersedia pada: <https://www.who.int/news-room/fact-sheets/detail/mpox>
- [2] Kementerian Kesehatan, “88 Kasus Konfirmasi Mpox di Indonesia, Seksual Sesama Jenis Jadi Salah Satu Penyebab.” Diakses: 19 September 2024. [Daring]. Tersedia pada: <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20240818/1546252/88-kasus-konfirmasi-mpox-di-indonesia-seksual-sesama-jenis-jadi-salah-satu-penyebab/>
- [3] Kementerian Kesehatan, *Monkeypox Frequently Asked Questions (FAQ)*. 2022. [Daring]. Tersedia pada: <https://infeksiemerging.kemkes.go.id/document/download/wQz>
- [4] F. A. Mohammed, K. K. Tune, B. G. Assefa, M. Jett, dan S. Muhie, “Medical Image Classifications Using Convolutional Neural Networks: A Survey of Current Methods and Statistical Modeling of the Literature,” *Mach. Learn. Knowl. Extr.*, vol. 6, no. 1, hlm. 699–736, Mar 2024, doi: 10.3390/make6010033.
- [5] S. Savaş, “Enhancing Disease Classification with Deep Learning: a Two-Stage Optimization Approach for Monkeypox and Similar Skin Lesion Diseases,” *J. Imaging Inform. Med.*, vol. 37, no. 2, hlm. 778–800, Jan 2024, doi: 10.1007/s10278-023-00941-7.

- [6] T. Shermin, M. Murshed, G. Lu, dan S. W. Teng, "Transfer Learning Using Classification Layer Features of CNN," 2018, *arXiv*. doi: 10.48550/ARXIV.1811.07459.
- [7] R. Haque, A. Sultana, dan P. Haque, "Ensemble of Fine-tuned Deep Learning Models for Monkeypox Detection: A Comparative Study," dalam *2023 4th International Conference for Emerging Technology (INCET)*, Belgaum, India: IEEE, Mei 2023, hlm. 1–8. doi: 10.1109/INCET57972.2023.10170232.
- [8] N. Sunda, D. Sharma, S. Battu, R. N. Banoth, Rahul, dan Monika, "Efficient Models for Detecting Monkeypox using Skin Lesion Images," dalam *2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)*, Bengaluru, India: IEEE, Des 2023, hlm. 1480–1487. doi: 10.1109/ICIMIA60377.2023.10426230.
- [9] A. Ciran dan E. Özbay, "Optimization-Based Feature Selection in Deep Learning Methods for Monkeypox Skin Lesion Detection," dalam *2023 7th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)*, Ankara, Turkiye: IEEE, Okt 2023, hlm. 1–6. doi: 10.1109/ISMSIT58785.2023.10304930.
- [10] C. Sitaula dan T. B. Shahi, "Monkeypox Virus Detection Using Pre-trained Deep Learning-based Approaches," *J. Med. Syst.*, vol. 46, no. 11, hlm. 78, Okt 2022, doi: 10.1007/s10916-022-01868-2.
- [11] V. H. Sahin, I. Oztel, dan G. Yolcu Oztel, "Human Monkeypox Classification from Skin Lesion Images with Deep Pre-trained Network

- using Mobile Application,” *J. Med. Syst.*, vol. 46, no. 11, hlm. 79, Okt 2022, doi: 10.1007/s10916-022-01863-7.
- [12] M. Altun, H. Gürüler, O. Özkaraca, F. Khan, J. Khan, dan Y. Lee, “Monkeypox Detection Using CNN with Transfer Learning,” *Sensors*, vol. 23, no. 4, hlm. 1783, Feb 2023, doi: 10.3390/s23041783.
- [13] M. M. Ahsan *dkk.*, “Deep transfer learning approaches for Monkeypox disease diagnosis,” *Expert Syst. Appl.*, vol. 216, hlm. 119483, Apr 2023, doi: 10.1016/j.eswa.2022.119483.
- [14] D. Bala *dkk.*, “MonkeyNet: A robust deep convolutional neural network for monkeypox disease detection and classification,” *Neural Netw.*, vol. 161, hlm. 757–775, Apr 2023, doi: 10.1016/j.neunet.2023.02.022.
- [15] A. S. Jaradat *dkk.*, “Automated Monkeypox Skin Lesion Detection Using Deep Learning and Transfer Learning Techniques,” *Int. J. Environ. Res. Public Health*, vol. 20, no. 5, hlm. 4422, Mar 2023, doi: 10.3390/ijerph20054422.
- [16] E. M. Bunge *dkk.*, “The changing epidemiology of human monkeypox—A potential threat? A systematic review,” *PLoS Negl. Trop. Dis.*, vol. 16, no. 2, hlm. e0010141, Feb 2022, doi: 10.1371/journal.pntd.0010141.
- [17] H. Adler *dkk.*, “Clinical features and management of human monkeypox: a retrospective observational study in the UK,” *Lancet Infect. Dis.*, vol. 22, no. 8, hlm. 1153–1162, Agu 2022, doi: 10.1016/S1473-3099(22)00228-6.

- [18] E. M. Bunge *dkk.*, “The changing epidemiology of human monkeypox—A potential threat? A systematic review,” *PLoS Negl. Trop. Dis.*, vol. 16, no. 2, hlm. e0010141, Feb 2022, doi: 10.1371/journal.pntd.0010141.
- [19] M. Reynolds, A. McCollum, B. Nguete, R. Shongo Lushima, dan B. Petersen, “Improving the Care and Treatment of Monkeypox Patients in Low-Resource Settings: Applying Evidence from Contemporary Biomedical and Smallpox Biodefense Research,” *Viruses*, vol. 9, no. 12, hlm. 380, Des 2017, doi: 10.3390/v9120380.
- [20] D. Kmiec dan F. Kirchhoff, “Monkeypox: A New Threat?,” *Int. J. Mol. Sci.*, vol. 23, no. 14, hlm. 7866, Jul 2022, doi: 10.3390/ijms23147866.
- [21] A. A. Gershon dan M. D. Gershon, “Pathogenesis and Current Approaches to Control of Varicella-Zoster Virus Infections,” *Clin. Microbiol. Rev.*, vol. 26, no. 4, hlm. 728–743, Okt 2013, doi: 10.1128/CMR.00052-13.
- [22] M. Marin, D. Güris, S. S. Chaves, S. Schmid, J. F. Seward, dan Advisory Committee on Immunization Practices, Centers for Disease Control and Prevention (CDC), “Prevention of varicella: recommendations of the Advisory Committee on Immunization Practices (ACIP),” *MMWR Recomm. Rep. Morb. Mortal. Wkly. Rep. Recomm. Rep.*, vol. 56, no. RR-4, hlm. 1–40, Jun 2007.
- [23] M. C. Eze, L. E. Vafaei, C. T. Eze, T. Tursoy, D. U. Ozsahin, dan M. T. Mustapha, “Development of a Novel Multi-Modal Contextual Fusion Model for Early Detection of Varicella Zoster Virus Skin Lesions in Human

- Subjects,” *Processes*, vol. 11, no. 8, hlm. 2268, Jul 2023, doi: 10.3390/pr11082268.
- [24] S. J. Russell *dkk.*, “Oncolytic Measles Virotherapy and Opposition to Measles Vaccination,” *Mayo Clin. Proc.*, vol. 94, no. 9, hlm. 1834–1839, Sep 2019, doi: 10.1016/j.mayocp.2019.05.006.
- [25] K. Glock *dkk.*, “Measles Rash Identification Using Transfer Learning and Deep Convolutional Neural Networks,” dalam *2021 IEEE International Conference on Big Data (Big Data)*, Orlando, FL, USA: IEEE, Des 2021, hlm. 3905–3910. doi: 10.1109/BigData52589.2021.9671333.
- [26] M. I. Jordan dan T. M. Mitchell, “Machine learning: Trends, perspectives, and prospects,” *Science*, vol. 349, no. 6245, hlm. 255–260, Jul 2015, doi: 10.1126/science.aaa8415.
- [27] Y. LeCun, Y. Bengio, dan G. Hinton, “Deep learning,” *Nature*, vol. 521, no. 7553, hlm. 436–444, Mei 2015, doi: 10.1038/nature14539.
- [28] C. M. Bishop, *Pattern Recognition and Machine Learning*, Softcover reprint of the original 1st edition 2006 (corrected at 8th printing 2009). dalam Information science and statistics. New York, NY: Springer New York, 2016.
- [29] K. P. Murphy, *Machine Learning - A Probabilistic Perspective*. dalam Adaptive Computation and Machine Learning. Cambridge: MIT Press, 2014.
- [30] X. Zhu dan A. B. Goldberg, *Introduction to Semi-Supervised Learning*. dalam Synthesis Lectures on Artificial Intelligence and Machine Learning.

- Cham: Springer International Publishing, 2009. doi: 10.1007/978-3-031-01548-9.
- [31] X. Chen, H. Fan, R. Girshick, dan K. He, “Improved Baselines with Momentum Contrastive Learning,” 2020, *arXiv*. doi: 10.48550/ARXIV.2003.04297.
- [32] D. Silver *dkk.*, “Mastering the game of Go without human knowledge,” *Nature*, vol. 550, no. 7676, hlm. 354–359, Okt 2017, doi: 10.1038/nature24270.
- [33] H. Li, J. Huang, dan S. Ji, “Bearing Fault Diagnosis with a Feature Fusion Method Based on an Ensemble Convolutional Neural Network and Deep Neural Network,” *Sensors*, vol. 19, no. 9, hlm. 2034, Apr 2019, doi: 10.3390/s19092034.
- [34] A. Krizhevsky, I. Sutskever, dan G. E. Hinton, “ImageNet classification with deep convolutional neural networks,” *Commun. ACM*, vol. 60, no. 6, hlm. 84–90, Mei 2017, doi: 10.1145/3065386.
- [35] M. Bojarski *dkk.*, “End to End Learning for Self-Driving Cars,” 2016, *arXiv*. doi: 10.48550/ARXIV.1604.07316.
- [36] M. T. Irshad *dkk.*, “SenseHunger: Machine Learning Approach to Hunger Detection Using Wearable Sensors,” *Sensors*, vol. 22, no. 20, hlm. 7711, Okt 2022, doi: 10.3390/s22207711.
- [37] V. Dumoulin dan F. Visin, “A guide to convolution arithmetic for deep learning,” 2016, *arXiv*. doi: 10.48550/ARXIV.1603.07285.

- [38] V. Nair dan G. E. Hinton, “Rectified Linear Units Improve Restricted Boltzmann Machines,”
- [39] C. M. Bishop, *Pattern Recognition and Machine Learning*, Softcover reprint of the original 1st edition 2006 (corrected at 8th printing 2009). dalam Information science and statistics. New York, NY: Springer New York, 2016.
- [40] J. Gu *dkk.*, “Recent advances in convolutional neural networks,” *Pattern Recognit.*, vol. 77, hlm. 354–377, Mei 2018, doi: 10.1016/j.patcog.2017.10.013.
- [41] H. Yingge, I. Ali, dan K.-Y. Lee, “Deep Neural Networks on Chip - A Survey,” dalam *2020 IEEE International Conference on Big Data and Smart Computing (BigComp)*, Busan, Korea (South): IEEE, Feb 2020, hlm. 589–592. doi: 10.1109/BigComp48618.2020.00016.
- [42] I. Goodfellow, Y. Bengio, dan A. Courville, *Deep learning*. dalam Adaptive computation and machine learning. Cambridge, Mass: The MIT press, 2016.
- [43] N. Srivastava, G. Hinton, A. Krizhevsky, I. Sutskever, dan R. Salakhutdinov, “Dropout: A Simple Way to Prevent Neural Networks from Overfitting,” *J. Mach. Learn. Res.*, vol. 15, no. 1, hlm. 1929–1958, Jan 2014.
- [44] M. Sandler, A. Howard, M. Zhu, A. Zhmoginov, dan L.-C. Chen, “MobileNetV2: Inverted Residuals and Linear Bottlenecks,” dalam *2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition*, Salt Lake City, UT: IEEE, Jun 2018, hlm. 4510–4520. doi: 10.1109/CVPR.2018.00474.

- [45] A. G. Howard *dkk.*, “MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications,” 17 April 2017, *arXiv*: arXiv:1704.04861. doi: 10.48550/arXiv.1704.04861.
- [46] F. Shahoveisi, H. Taheri Gorji, S. Shahabi, S. Hosseinirad, S. Markell, dan F. Vasefi, “Application of image processing and transfer learning for the detection of rust disease,” *Sci. Rep.*, vol. 13, no. 1, hlm. 5133, Mar 2023, doi: 10.1038/s41598-023-31942-9.
- [47] F. Chollet, “Xception: Deep Learning with Depthwise Separable Convolutions,” dalam *2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, Honolulu, HI: IEEE, Jul 2017, hlm. 1800–1807. doi: 10.1109/CVPR.2017.195.
- [48] A. Mehmood, Y. Gulzar, Q. M. Ilyas, A. Jabbari, M. Ahmad, dan S. Iqbal, “SBXception: A Shallower and Broader Xception Architecture for Efficient Classification of Skin Lesions,” *Cancers*, vol. 15, no. 14, hlm. 3604, Jul 2023, doi: 10.3390/cancers15143604.
- [49] G. Huang, Z. Liu, L. Van Der Maaten, dan K. Q. Weinberger, “Densely Connected Convolutional Networks,” dalam *2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, Honolulu, HI: IEEE, Jul 2017, hlm. 2261–2269. doi: 10.1109/CVPR.2017.243.
- [50] C. R, A. D. V, dan A. P. B. V, “HybridTransferNet: Advancing Soil Image Classification through Comprehensive Evaluation of Hybrid Transfer Learning,” 9 Juni 2023, *In Review*. doi: 10.21203/rs.3.rs-3032907/v1.

- [51] J. D. Rodriguez, A. Perez, dan J. A. Lozano, “Sensitivity Analysis of k-Fold Cross Validation in Prediction Error Estimation,” *IEEE Trans. Pattern Anal. Mach. Intell.*, vol. 32, no. 3, hlm. 569–575, Mar 2010, doi: 10.1109/TPAMI.2009.187.
- [52] J. G. Moreno-Torres, J. A. Saez, dan F. Herrera, “Study on the Impact of Partition-Induced Dataset Shift on k-Fold Cross-Validation,” *IEEE Trans. Neural Netw. Learn. Syst.*, vol. 23, no. 8, hlm. 1304–1312, Agu 2012, doi: 10.1109/TNNLS.2012.2199516.
- [53] X. Duan, “Automatic identification of conodont species using fine-grained convolutional neural networks,” *Front. Earth Sci.*, vol. 10, hlm. 1046327, Jan 2023, doi: 10.3389/feart.2022.1046327.
- [54] V. López, A. Fernández, dan F. Herrera, “On the importance of the validation technique for classification with imbalanced datasets: Addressing covariate shift when data is skewed,” *Inf. Sci.*, vol. 257, hlm. 1–13, Feb 2014, doi: 10.1016/j.ins.2013.09.038.
- [55] Y. Bengio, “Practical recommendations for gradient-based training of deep architectures,” 2012, *arXiv*. doi: 10.48550/ARXIV.1206.5533.
- [56] L. N. Smith, “Cyclical Learning Rates for Training Neural Networks,” dalam *2017 IEEE Winter Conference on Applications of Computer Vision (WACV)*, Santa Rosa, CA, USA: IEEE, Mar 2017, hlm. 464–472. doi: 10.1109/WACV.2017.58.
- [57] S. Ruder, “An overview of gradient descent optimization algorithms,” 15 Juni 2017, *arXiv*: arXiv:1609.04747. doi: 10.48550/arXiv.1609.04747.

- [58] W. Cao *dkk.*, “A Learning Framework for Intelligent Selection of Software Verification Algorithms,” *J. Artif. Intell.*, vol. 2, no. 4, hlm. 177–187, 2020, doi: 10.32604/jai.2020.014829.
- [59] D. P. Kingma dan J. Ba, “Adam: A Method for Stochastic Optimization,” 2014, *arXiv*. doi: 10.48550/ARXIV.1412.6980.
- [60] M. Grandini, E. Bagli, dan G. Visani, “Metrics for Multi-Class Classification: an Overview,” 2020, *arXiv*. doi: 10.48550/ARXIV.2008.05756.
- [61] S. W. Ambler dan M. Lines, *Disciplined agile delivery: a practitioner’s guide to agile software delivery in the enterprise*. Upper Saddle River, NJ: IBM Press [u.a.], 2012.
- [62] B. Shneiderman *dkk.*, *Designing the user interface: strategies for effective human-computer interaction*, Sixth edition, Global edition. Boston Columbus Indianapolis New York San Francisco Hoboken Amsterdam Cape Town Dubai London Madrid Milan Munich Paris Montréal Toronto Delhi Mexico City Sao Paulo Sydney Hong Kong Seoul Singapore Taipei Tokyo: Pearson, 2018.
- [63] A. N. Tuch, E. E. Presslauer, M. Stöcklin, K. Opwis, dan J. A. Bargas-Avila, “The role of visual complexity and prototypicality regarding first impression of websites: Working towards understanding aesthetic judgments,” *Int. J. Hum.-Comput. Stud.*, vol. 70, no. 11, hlm. 794–811, Nov 2012, doi: 10.1016/j.ijhcs.2012.06.003.

- [64] B. Furht, Ed., “Client–Server Architecture,” dalam *Encyclopedia of Multimedia*, Boston, MA: Springer US, 2008, hlm. 61–61. doi: 10.1007/978-0-387-78414-4_187.
- [65] R. Poston, K. Sajja, dan A. Calvert, “Managing User Acceptance Testing of Business Applications,” dalam *HCI in Business*, vol. 8527, F. F.-H. Nah, Ed., dalam *Lecture Notes in Computer Science*, vol. 8527. , Cham: Springer International Publishing, 2014, hlm. 92–102. doi: 10.1007/978-3-319-07293-7_9.
- [66] Diponkor Bala, “Monkeypox Skin Images Dataset (MSID).” Mendeley, 23 Februari 2023. doi: 10.17632/R9BFPNVYXR.6.
- [67] Kementerian Kesehatan Republik Indonesia, “Pedoman Pencegahan dan Pengendalian Mpox.” Kementerian Kesehatan RI, Direktorat Jenderal Pencegahan dan Pengendalian Penyakit, 2023. [Daring]. Tersedia pada: <https://infeksiemerging.kemkes.go.id/document/download/p4y>
- [68] Ns. R. Nopriyanti S,Kep, “Penanganan dan Perawatan Cacar Air.” [Daring]. Tersedia pada: <https://dinkes.babelprov.go.id/content/penanganan-dan-perawatan-cacar-air>
- [69] Kemenkes RS Mohammad Hoesin, “Waspada! Penyakit Campak.” [Daring]. Tersedia pada: <https://www.rsmh.co.id/assets/images/promkes/Campak.pdf>
- [70] I. Pacal, D. Karaboga, A. Basturk, B. Akay, dan U. Nalbantoglu, “A comprehensive review of deep learning in colon cancer,” *Comput. Biol.*

Med., vol. 126, hlm. 104003, Nov 2020, doi:

10.1016/j.compbiomed.2020.104003.