

## DAFTAR PUSTAKA

- (Guyton dan Hall, 2008). (2008). *Buku ajar Fisiologi Kedokteran ed. 11*.
- (Irianto, 2012). (2012). *Mikrobiologi Mengungkap Dunia Mikroorganisme*.
- Abhirawa, H., Jondri, M. S., & Arifianto, A. (2017). Pengenalan Wajah Menggunakan Convolutional Neural Network Face Recognition Using Convolutional Neural Network. *e-Proceeding of Engineering*, 4(3), 4907–4916.
- Al, G., S., Julianto, E., & Budiyanto, D. (2022). Pengenalan Ekspresi Wajah Menggunakan Convolutional Neural Network. *Jurnal Informatika Atma Jogja*, 3(2), 155–160. <https://doi.org/10.24002/jiaj.v3i2.6790>
- Apostolopoulos, I. D., & Mpesiana, T. A. (2020). Covid-19: Automatic Detection From X-Ray Images Utilizing Transfer Learning With Convolutional Neural Networks. *Physical and Engineering Sciences in Medicine*, 43(2), 635–640. <https://doi.org/10.1007/s13246-020-00865-4>
- Ardiansyah, 2012. (2012). *Medikal Bedah*.
- Abbas, B., U. (2018). The Radiological Diagnosis of Pulmonary Tuberculosis (TB) in Primary Care. *Journal of Family Medicine and Disease Prevention*, 4(1), 1–7. <https://doi.org/10.23937/2469-5793/1510073>
- Deng, L., & Yu, D. (2013). Deep Learning: Methods And Applications. *Foundations And Trends In Signal Processing*, 7(3–4), 197–387. <https://doi.org/10.1561/20000000039>
- Depkes. (2006). *Pedoman Penyelenggaraan dan prosedur Rekam Medis Rumah Sakit di Indonesia*. Departemen Kesehatan RI.
- Farooq, M., & Hafeez, A. (2020). *COVID-ResNet: A Deep Learning Framework for Screening of COVID19 from Radiographs*. <http://arxiv.org/abs/2003.14395>

- Fauzi, M. R., Eosina, P., & Primasari, D. (2021). Deteksi Coronavirus Disease Pada X-Ray Dan CT-Scan Paru Menggunakan Convolutional Neural Network. *JUSS (Jurnal Sains dan Sistem Informasi)*, 3(2), 17–27. <https://doi.org/10.22437/juss.v3i2.10888>
- Gavrilov, A. D., Jordache, A., Vasdani, M., & Deng, J. (2019). Preventing Model Overfitting and Underfitting in Convolutional Neural Networks. *International Journal of Software Science and Computational Intelligence*, 10(4), 19–28. <https://doi.org/10.4018/ijssci.2018100102>
- Giger, M. L. (2008). *Machine Learning in Medical Imaging - Journal of the American College of Radiology*.
- Gonzalez, T. F. (2007). Handbook of approximation algorithms and metaheuristics. *Handbook of Approximation Algorithms and Metaheuristics*, 1–1432. <https://doi.org/10.1201/9781420010749>
- Hardiyanti, N. P. N. (2021). *Asuhan Keperawatan Bersihan Jalan Napas Tidak Efektif Pada Pasien Pneumonia Di Igd Rsup Sanglah Denpasar*. <http://repository.poltekkes-denpasar.ac.id/7456>
- Jain, R., Gupta, M., Taneja, S., & Hermanth, J., D. (2020). Deep Learning based Detection and Segmentation of COVID-19 Pneumonia on Chest X-ray Image. *2021 International Conference on Information and Communication Technology for Sustainable Development, ICICT4SD 2021 - Proceedings*, 210–214. <https://doi.org/10.1109/ICICT4SD50815.2021.9396878>
- Hashmi, M. F., Katiyar, S., Keskar, A. G., Bokde, N. D., & Geem, Z. W. (2020). Efficient Pneumonia Detection In Chest Xray Images Using Deep Transfer Learning. *Diagnostics*, 10(6), 1–23. <https://doi.org/10.3390/diagnostics10060417>
- Hibatullah, A., & Maliki, I. (2019). *Penerapan Metode Convolutional Neural Network Pada Pengenalan Pola Citra Sandi Rumput*. 1–8.

- Howard, A. G., Zhu, M., Chen, B., Kalenichenko, D., Wang, W., Weyand, T., Andreetto, M., & Adam, H. (2017). *MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications*. <http://arxiv.org/abs/1704.04861>
- Howard, A., Sandler, M., Chen, B., Wang, W., Chen, L. C., Tan, M., Chu, G., Vasudevan, V., Zhu, Y., Pang, R., Le, Q., & Adam, H. (2019). Searching for mobileNetV3. *Proceedings of the IEEE International Conference on Computer Vision, 2019-October*, 1314–1324. <https://doi.org/10.1109/ICCV.2019.00140>
- Ibrahim, A. U., Ozsoz, M., Serte, S., Al-Turjman, F., & Yakoi, P. S. (2021). Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19. *Cognitive Computation, 1*, 1. <https://doi.org/10.1007/S12559-020-09787-5>
- Indrawan, G. T., Nilogiri, A., & Al Faruq, H. A. (2022). Diagnosis COVID-19 Berdasarkan Citra X-ray Paru-Paru Menggunakan Metode Convolutional Neural Network Diagnose Of COVID-19 Based On X-ray Image Of The Lungs Using Convolutional Neural Network. *Jurnal Smart Teknologi, 3*(4), 2774–1702. <http://jurnal.unmuhjember.ac.id/index.php/JST>
- Islam, M. T., Aowal, M. A., Minhaz, A. T., & Ashraf, K. (2017). *Abnormality Detection and Localization in Chest X-Rays using Deep Convolutional Neural Networks*. <http://arxiv.org/abs/1705.09850>
- Joseph, V. R. (2022). *Optimal Ratio For Data Splitting. Statistical Analysis And Data Mining, 15*(4), 531–538. <https://doi.org/10.1002/sam.11583>
- Krüger, F. (2018). *Activity, Context, and Plan Recognition with Computational Causal Behaviour Models. ResearchGate, August*. [https://www.researchgate.net/figure/Confusion-matrix-for-multi-class-classification-The-confusion-matrix-of-a\\_fig7\\_314116591](https://www.researchgate.net/figure/Confusion-matrix-for-multi-class-classification-The-confusion-matrix-of-a_fig7_314116591)

- Lakhani, P., & Sundaram, B. (2017). *Deep learning at chest radiography: automated classification of pulmonary tuberculosis by using convolutional neural networks.*
- Learning, D. (2016). *Deep Learning - Goodfellow. Nature*, 26(7553).
- Li, Y., & Wang, K. (2020). *Modified Convolutional Neural Network With Global Average Pooling For Intelligent Fault Diagnosis Of Industrial Gearbox. Eksploatacja i Niezawodnosc*, 22(1), 63–72. <https://doi.org/10.17531/ein.2020.1.8>
- Liu, H., Mao, R., Ding, Y., & Liang, T. (2020). *COVID-19: Changes in human behaviors and opportunities in mechatronics and robotic systems.*
- Luz, E., Silva, P., Silva, R., Silva, L., Guimarães, J., Miozzo, G., Moreira, G., & Menotti, D. (2022). *Towards An Effective And Efficient Deep Learning Model For Covid-19 Patterns Detection In X-Ray Images. Research on Biomedical Engineering*, 38(1), 149–162. <https://doi.org/10.1007/s42600-021-00151-6>
- Malakouti, S. M. (2023). *Babysitting Hyperparameter Optimization And 10-Fold-Cross-Validation To Enhance The Performance Of Ml Methods In Predicting Wind Speed And Energy Generation. Intelligent Systems with Applications*, 19(June). <https://doi.org/10.1016/j.iswa.2023.200248>
- Moch Diar, R., Fu'adah, R. Y., & Usman, K. (2022). *Klasifikasi Penyakit Paru-Paru Berbasis Pengolahan Citra X Ray Menggunakan Convolutional Neural Network (Classification Of The Lung Diseases Based On X Ray Image Processing Using Convolutional Neural Network). e-Proceeding of Engineering*, 9(2), 476–484.
- Nwankpa, C., Ijomah, W., Gachagan, A., & Marshall, S. (2018). *Activation Functions: Comparison of trends in Practice and Research for Deep Learning.* 1–20. <http://arxiv.org/abs/1811.03378>

- Rahmadewi, R., & Kurnia, R. (2016). Klasifikasi Penyakit Paru Berdasarkan Citra Rontgen dengan Metoda Segmentasi Sobel. *Jurnal Nasional Teknik Elektro*, 5(1), 7. <https://doi.org/10.25077/jnte.v5n1.174.2016>
- Rahman, S., Ramli, M., Arnia, F., Muhrar, R., Zen, M., & Ikhwan, M. (2021). *Convolutional Neural Networks Untuk Visi Komputer Jaringan Saraf Konvolusio...* - Google Books (hal. 45). [https://play.google.com/books/reader?id=\\_XxOEAAAQBAJ&pg=GBS.PA2](https://play.google.com/books/reader?id=_XxOEAAAQBAJ&pg=GBS.PA2)
- Reksi, E., & Ernawati, I. (2020). Penggunaan Convolutional Neural Network Dalam Identifikasi Bahan Kulit Sapi Dan Babi Dengan *Tensorflow*. *Seminar Nasional Informatika*, November, 19–20.
- Rochmawati, N., Hidayati, H. B., Yamasari, Y., Tjahyaningtjas, H. P. A., Yustanti, W., & Prihanto, A. (2021). Analisa *Learning Rate* dan *Batch Size* pada Klasifikasi Covid Menggunakan *Deep Learning* dengan *Optimizer Adam*. *Journal of Information Engineering and Educational Technology*, 5(2), 44–48. <https://doi.org/10.26740/jieet.v5n2.p44-48>
- Septiyanti, I., Khalif, M. A., & Anwar, E. D. (2020). Analisis Dosis Paparan Radiasi Pada General *X-Ray II* Di Instalasi Radiologi Rumah Sakit Muhammadiyah Semarang. *Jurnal Imejing Diagnostik (JImeD)*, 6(2), 96–102. <https://doi.org/10.31983/jimed.v6i2.5858>
- Siddhartha, M. (2021). *COVID CXR Image Dataset (Research)*. Version 1. <https://www.kaggle.com/sid321axn/covid-cxr-image-dataset-research>
- Soedradjat, O. F., Magdalena, R., & Pratiwi, N. K. C. (2022). Deteksi Gangguan Paru-Paru Berbasis Citra *X-Ray* Menggunakan *Deep Learning*. *e-Proceeding of Engineering*, 8(6), 2891–2896.
- Somantri, I. (2008). *Asuhan keperawatan pada pasien dengan gangguan sistem pernapasan*.
- Speer, K. M. (2007). *Rencana Asuhan Keperawatan Pediatrik dengan Clinical Pathways*. (Buku Kedok). EGC.

- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R. (2014). Dropout: A Simple Way To Prevent Neural Networks From Overfitting. *Journal of Machine Learning Research*, 15, 1929–1958.
- Steven S. Muchnick. (1997). *Advanced compiler design and implementation*. San Francisco, Calif.
- Tan, C., Sun, F., Kong, T., Zhang, W., Yang, C., & Liu, C. (2018). A survey on deep transfer learning. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11141 LNCS, 270–279. [https://doi.org/10.1007/978-3-030-01424-7\\_27/COVER](https://doi.org/10.1007/978-3-030-01424-7_27/COVER)
- Tuberculosis (TB) Chest X-ray Database | Kaggle*. (n.d.). Diambil 15 Januari 2023, dari <https://www.kaggle.com/datasets/tawsifurrahman/tuberculosis-tb-chest-xray-dataset>
- Wahid, A., 2013. (2013). *Asuhan Keperawatan Dengan Gangguan Sistem Muskuloskeletal*.
- WHO Global Tuberculosis Report 2022. (2022). 1. *COVID-19 and TB*. WHO Report. <https://www.who.int/publications/digital/global-tuberculosis-report-2021/covid-19>
- Wikarta, A., Sigit Pramono, A., & Ariatedja, J. B. (2020). Analisa Berbagai Optimizer Pada Convolutional Neural Network Untuk Deteksi Pemakaian Masker Pengemudi Kendaraan. *Seminar Nasional Informatika, 2020(Semnasif)*, 69–72.
- Yasin, R., & Gouda, W. (2020). Chest X-ray Findings Monitoring Covid-19 Disease Course And Severity. *Egyptian Journal of Radiology and Nuclear Medicine*, 51(1), 1–18. <https://doi.org/10.1186/S43055-020-00296-X/FIGURES/21>