

## DAFTAR PUSTAKA

- Ahmad, A., Badshah, N., & Hassan, M. U. (2021). A Modified Memory-Efficient U-Net for Segmentation of Polyps. *International Journal of Engineering Works*, 8(04), 132–137. <https://doi.org/10.34259/ijew.21.804132137>
- Ali, K., Shaikh, Z. A., Khan, A. A., & Laghari, A. A. (2022). Multiclass skin cancer classification using EfficientNets – a first step towards preventing skin cancer. *Neuroscience Informatics*, 2(4), 100034. <https://doi.org/10.1016/j.neuri.2021.100034>
- Alkabban, F. M., & Ferguson, T. (2024). *Breast Cancer*.
- Almjally, N. A., Chughtai, B. R., Mudawi, N. Al, Alazeab, A., Algarni, A., Alzahrani, H. A., & Park, J. (2024). UNet Based on Multi-Object Segmentation and Convolution Neural Network for Object Recognition. *Computers, Materials & Continua*, 80(1), 1563–1580. <https://doi.org/10.32604/cmc.2024.049333>
- Alsharman, N., & Jawarneh, I. (2020). GoogleNet CNN Neural Network towards Chest CT-Coronavirus Medical Image Classification. *Journal of Computer Science*, 16(5), 620–625. <https://doi.org/10.3844/jcssp.2020.620.625>
- 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), 53. <https://doi.org/10.1186/s40537-021-00444-8>
- Aristokli, N., Polycarpou, I., Themistocleous, S. C., Sophocleous, D., & Mamaïs, I. (2022). Comparison of the diagnostic performance of Magnetic Resonance Imaging (MRI), ultrasound and mammography for detection of breast cancer based on tumor type, breast density and patient's history: A review. In *Radiography* (Vol. 28, Issue 3, pp. 848–856). W.B. Saunders Ltd. <https://doi.org/10.1016/j.radi.2022.01.006>
- Arnold, M., Morgan, E., Rumgay, H., Mafra, A., Singh, D., Laversanne, M., Vignat, J., Gralow, J. R., Cardoso, F., Siesling, S., & Soerjomataram, I. (2022). Current and future burden of breast cancer: Global statistics for 2020 and 2040. *Breast*, 66, 15–23. <https://doi.org/10.1016/j.breast.2022.08.010>
- Bailey, H. H., & Carbone, P. P. (1993). Breast cancer. *Cancer Chemotherapy and Biological Response Modifiers*, 14, 557–576.
- Barlow, W. E. (2002). Performance of Diagnostic Mammography for Women With Signs or Symptoms of Breast Cancer. *Cancer Spectrum Knowledge Environment*, 94(15), 1151–1159. <https://doi.org/10.1093/jnci/94.15.1151>
- Bengio, Y. (2014). *Convolutional Networks for Images, Speech, and Time-Series*. <https://www.researchgate.net/publication/216792820>
- Bertero, L., Massa, F., Metovic, J., Zanetti, R., Castellano, I., Ricardi, U., Papotti, M., & Cassoni, P. (2018). Eighth Edition of the UICC Classification of Malignant Tumours: an overview of the changes in the pathological TNM classification criteria-What has changed and why? *Virchows Archiv : An International Journal of Pathology*, 472(4), 519–531. <https://doi.org/10.1007/s00428-017-2276-y>
- Chaumont, M. (2020). Deep learning in steganography and steganalysis. In *Digital Media Steganography* (pp. 321–349). Elsevier. <https://doi.org/10.1016/B978-0-12-819438-6.00022-0>

- Chen, Y., Zhang, Q., Wu, Y., Liu, B., Wang, M., & Lin, Y. (2019). *Fine-Tuning ResNet for Breast Cancer Classification from Mammography* (pp. 83–96).  
[https://doi.org/10.1007/978-981-13-6837-0\\_7](https://doi.org/10.1007/978-981-13-6837-0_7)
- Doren, A., Vecchiola, A., Aguirre, B., & Villaseca, P. (2018). Gynecological-endocrinological aspects in women carriers of BRCA1/2 gene mutations. *Climacteric : The Journal of the International Menopause Society*, 21(6), 529–535.  
<https://doi.org/10.1080/13697137.2018.1514006>
- Ehab, W., & Li, Y. (2023). *Performance Analysis of UNet and Variants for Medical Image Segmentation*. <http://arxiv.org/abs/2309.13013>
- Eka Putra, W. S. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101. *Jurnal Teknik ITS*, 5(1).  
<https://doi.org/10.12962/j23373539.v5i1.15696>
- Fico, N., Di Grezia, G., Cuccurullo, V., Salvia, A. A. H., Iacomino, A., Sciarra, A., & Gatta, G. (2023). Breast Imaging Physics in Mammography (Part I). In *Diagnostics* (Vol. 13, Issue 20). Multidisciplinary Digital Publishing Institute (MDPI).  
<https://doi.org/10.3390/diagnostics13203227>
- Gour, M., Jain, S., & Sunil Kumar, T. (2020). Residual learning based CNN for breast cancer histopathological image classification. *International Journal of Imaging Systems and Technology*, 30(3), 621–635. <https://doi.org/10.1002/ima.22403>
- Gu, Y., Xu, W., Lin, B., An, X., Tian, J., Ran, H., Ren, W., Chang, C., Yuan, J., Kang, C., Deng, Y., Wang, H., Luo, B., Guo, S., Zhou, Q., Xue, E., Zhan, W., Zhou, Q., Li, J., ... Jiang, Y. (2022). Deep learning based on ultrasound images assists breast lesion diagnosis in China: a multicenter diagnostic study. *Insights into Imaging*, 13(1), 124.  
<https://doi.org/10.1186/s13244-022-01259-8>
- Han, X., Wang, J., Zhou, W., Chang, C., Ying, S., & Shi, J. (2020). *Deep Doubly Supervised Transfer Network for Diagnosis of Breast Cancer with Imbalanced Ultrasound Imaging Modalities* (pp. 141–149). [https://doi.org/10.1007/978-3-030-59725-2\\_14](https://doi.org/10.1007/978-3-030-59725-2_14)
- He, K., & Sun, J. (2015). Convolutional neural networks at constrained time cost. *2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 5353–5360.  
<https://doi.org/10.1109/CVPR.2015.7299173>
- Hossain, S., Azam, S., Montaha, S., Karim, A., Chowdhury, S. S., Mondol, C., Zahid Hasan, M., & Jonkman, M. (2023). Automated breast tumor ultrasound image segmentation with hybrid UNet and classification using fine-tuned CNN model. *Helijon*, 9(11).  
<https://doi.org/10.1016/j.heliyon.2023.e21369>
- Huang, J., Mei, L., Long, M., Liu, Y., Sun, W., Li, X., Shen, H., Zhou, F., Ruan, X., Wang, D., Wang, S., Hu, T., & Lei, C. (2022). BM-Net: CNN-Based MobileNet-V3 and Bilinear Structure for Breast Cancer Detection in Whole Slide Images. *Bioengineering (Basel, Switzerland)*, 9(6). <https://doi.org/10.3390/bioengineering9060261>
- Huang, M.-L., & Lin, T.-Y. (2020). Dataset of breast mammography images with masses. *Data in Brief*, 31, 105928. <https://doi.org/10.1016/j.dib.2020.105928>
- Ioffe, S., & Szegedy, C. (2015). *Batch Normalization: Accelerating Deep Network Training by Reducing Internal Covariate Shift*.
- Islam, Md. M., Poly, T. N., Walther, B. A., Yang, H. C., & Li, Y.-C. (Jack). (2020). Artificial Intelligence in Ophthalmology: A Meta-Analysis of Deep Learning Models for Retinal

- Vessels Segmentation. *Journal of Clinical Medicine*, 9(4), 1018.  
<https://doi.org/10.3390/jcm9041018>
- James D., & Mary K. (2016). *TNM Classification of Malignant Tumours, 8th Edition*. Wiley-Blackwell.
- Jemal, A., Siegel, R., Ward, E., Hao, Y., Xu, J., & Thun, M. J. (2009). Cancer Statistics, 2009. *CA: A Cancer Journal for Clinicians*, 59(4), 225–249.  
<https://doi.org/10.3322/caac.20006>
- Khamparia, A., Bharati, S., Podder, P., Gupta, D., Khanna, A., Phung, T. K., & Thanh, D. N. H. (2021). Diagnosis of breast cancer based on modern mammography using hybrid transfer learning. *Multidimensional Systems and Signal Processing*, 32(2), 747–765. <https://doi.org/10.1007/s11045-020-00756-7>
- Kusnandi. (2017). Konsep Dasar dan Strategi Penjaminan Mutu Pendidikan: Sebagai Review Kebijakan Mutu Pendidikan. *Konsep Dasar Dan Strategi Penjaminan Mutu Pendidikan: Sebagai Review Kebijakan Mutu Pendidikan*.
- Li, H., Niu, J., Li, D., & Zhang, C. (2021). Classification of breast mass in two-view mammograms via deep learning. *IET Image Processing*, 15(2), 454–467.  
<https://doi.org/10.1049/ipr2.12035>
- Li, H., Zhuang, S., Li, D. ao, Zhao, J., & Ma, Y. (2019). Benign and malignant classification of mammogram images based on deep learning. *Biomedical Signal Processing and Control*, 51, 347–354. <https://doi.org/10.1016/j.bspc.2019.02.017>
- Li, S., Dong, M., Du, G., & Mu, X. (2019). Attention Dense-U-Net for Automatic Breast Mass Segmentation in Digital Mammogram. *IEEE Access*, 7, 59037–59047.  
<https://doi.org/10.1109/ACCESS.2019.2914873>
- Lina, L. (2021). Signs and Symptoms of Breast Cancer. In *European Journal of Clinical Oncology* (Vol. 3).
- Montaha, S., Azam, S., Rafid, A. K. M. R. H., Ghosh, P., Hasan, Md. Z., Jonkman, M., & De Boer, F. (2021). BreastNet18: A High Accuracy Fine-Tuned VGG16 Model Evaluated Using Ablation Study for Diagnosing Breast Cancer from Enhanced Mammography Images. *Biology*, 10(12), 1347.  
<https://doi.org/10.3390/biology10121347>
- Moon, W. K., Lee, Y.-W., Ke, H.-H., Lee, S. H., Huang, C.-S., & Chang, R.-F. (2020). Computer-aided diagnosis of breast ultrasound images using ensemble learning from convolutional neural networks. *Computer Methods and Programs in Biomedicine*, 190, 105361. <https://doi.org/10.1016/j.cmpb.2020.105361>
- Nair, V., & Hinton, G. E. (2010). *Rectified Linear Units Improve Restricted Boltzmann Machines*.
- Naseem, M., Murray, J., Hilton, J. F., Karamchandani, J., Muradali, D., Faragalla, H., Polenz, C., Han, D., Bell, D. C., & Brezden-Masley, C. (2015). Mammographic microcalcifications and breast cancer tumorigenesis: A radiologic-pathologic analysis. *BMC Cancer*, 15(1). <https://doi.org/10.1186/s12885-015-1312-z>
- Pan, C., Lian, L., Chen, J., & Huang, R. (2023). FemurTumorNet: Bone tumor classification in the proximal femur using DenseNet model based on radiographs. *Journal of Bone Oncology*, 42, 100504. <https://doi.org/10.1016/j.jbo.2023.100504>

- Pediconi, F., Marzocca, F., Cavallo Marincola, B., & Napoli, A. (2018). MRI-guided treatment in the breast. *Journal of Magnetic Resonance Imaging : JMRI*, 48(6), 1479–1488. <https://doi.org/10.1002/jmri.26282>
- Pessayre, D., Fromenty, B., & Mansouri, A. (2004). Mitochondrial injury in steatohepatitis. *European Journal of Gastroenterology & Hepatology*, 16(11), 1095–1105. <https://doi.org/10.1097/00042737-200411000-00003>
- Radovic, N., Ivanac, G., Divjak, E., Biondic, I., Bulum, A., & Brkljacic, B. (2019). Evaluation of Breast Cancer Morphology Using Diffusion-Weighted and Dynamic Contrast-Enhanced MRI: Intermethod and Interobserver Agreement. *Journal of Magnetic Resonance Imaging : JMRI*, 49(5), 1381–1390. <https://doi.org/10.1002/jmri.26332>
- Ramos-Michel, A., Pérez-Cisneros, M., Cuevas, E., & Zaldivar, D. (2021). *Image Classification with Convolutional Neural Networks* (pp. 445–473). [https://doi.org/10.1007/978-3-030-70542-8\\_18](https://doi.org/10.1007/978-3-030-70542-8_18)
- Reeves, R. A., & Kaufman, T. (2024). *Mammography*.
- Rezayi, S., Mohammadzadeh, N., Bouraghi, H., Saeedi, S., & Mohammadpour, A. (2021). Timely Diagnosis of Acute Lymphoblastic Leukemia Using Artificial Intelligence-Oriented Deep Learning Methods. *Computational Intelligence and Neuroscience*, 2021(1). <https://doi.org/10.1155/2021/5478157>
- Ronneberger, O., Fischer, P., & Brox, T. (2015). *U-Net: Convolutional Networks for Biomedical Image Segmentation*.
- Saeedizadeh, N., Minaee, S., Kafieh, R., Yazdani, S., & Sonka, M. (2021). COVID TV-Unet: Segmenting COVID-19 chest CT images using connectivity imposed Unet. *Computer Methods and Programs in Biomedicine Update*, 1, 100007. <https://doi.org/10.1016/j.cmpbup.2021.100007>
- Sedigh, P., Sadeghian, R., & Masouleh, M. T. (2019). Generating Synthetic Medical Images by Using GAN to Improve CNN Performance in Skin Cancer Classification. *2019 7th International Conference on Robotics and Mechatronics (ICRoM)*, 497–502. <https://doi.org/10.1109/ICRoM48714.2019.9071823>
- Shelatkar, T., Urvashi, Dr., Shoruzzaman, M., Alsufyani, A., & Lakshmann, K. (2022). Diagnosis of Brain Tumor Using Light Weight Deep Learning Model with Fine-Tuning Approach. *Computational and Mathematical Methods in Medicine*, 2022, 1–9. <https://doi.org/10.1155/2022/2858845>
- Shi, J., Dang, J., Cui, M., Zuo, R., Shimizu, K., Tsunoda, A., & Suzuki, Y. (2021). Improvement of Damage Segmentation Based on Pixel-Level Data Balance Using VGG-Unet. *Applied Sciences*, 11(2), 518. <https://doi.org/10.3390/app11020518>
- Shwetha, V., Madhavi, C. H. R., & Nagendra, K. M. (2022). Classification of Brain Tumors Using Hybridized Convolutional Neural Network in Brain MRI images. *International Journal of Circuits, Systems and Signal Processing*, 16, 561–570. <https://doi.org/10.46300/9106.2022.16.70>
- Siddique, N., Sidike, P., Elkin, C., & Devabhaktuni, V. (2020). *U-Net and its variants for medical image segmentation: theory and applications*.
- Siegel, R. L., Miller, K. D., & Jemal, A. (2017). Cancer statistics, 2017. *CA: A Cancer Journal for Clinicians*, 67(1), 7–30. <https://doi.org/10.3322/caac.21387>

- Singh, P., Singh, N., Singh, K. K., & Singh, A. (2021). Diagnosing of disease using machine learning. In *Machine Learning and the Internet of Medical Things in Healthcare* (pp. 89–111). Elsevier. <https://doi.org/10.1016/B978-0-12-821229-5.00003-3>
- Suyanto. (2023). *Machine Learning Tingkat Dasar dan Lanjut Edisi-2*. Penerbit Informatika.
- Tiwari, A. (2022). Supervised learning: From theory to applications. In *Artificial Intelligence and Machine Learning for EDGE Computing* (pp. 23–32). Elsevier. <https://doi.org/10.1016/B978-0-12-824054-0.00026-5>
- Vedalankar, A. V., Gupta, S. S., & Manthalkar, R. R. (2021). Addressing architectural distortion in mammogram using AlexNet and support vector machine. *Informatics in Medicine Unlocked*, 23, 100551. <https://doi.org/10.1016/j imu.2021.100551>
- Velikova, M., Samulski, M., Lucas, P. J. F., & Karssemeijer, N. (2009). Improved mammographic CAD performance using multi-view information: a Bayesian network framework. *Physics in Medicine and Biology*, 54(5), 1131–1147. <https://doi.org/10.1088/0031-9155/54/5/003>
- Wang, Z., Li, M., Wang, H., Jiang, H., Yao, Y., Zhang, H., & Xin, J. (2019). Breast Cancer Detection Using Extreme Learning Machine Based on Feature Fusion With CNN Deep Features. *IEEE Access*, 7, 105146–105158. <https://doi.org/10.1109/ACCESS.2019.2892795>
- Watanabe, Y., & Anan, K. (2019). The decision to perform or omit sentinel lymph node biopsy during mastectomy for ductal carcinoma in situ should be tailored in accordance with preoperative findings. *Breast Cancer (Tokyo, Japan)*, 26(2), 261–262. <https://doi.org/10.1007/s12282-018-0917-x>
- World Health Organization. (2022). *Cancer Today*. [Https://Gco.Iarc.Fr/Today/En/Dataviz/Bars?Types=0\\_1&mode=cancer&populations=360&sort\\_by=value1&multiple\\_populations=0&sexes=2&key=total](Https://Gco.Iarc.Fr/Today/En/Dataviz/Bars?Types=0_1&mode=cancer&populations=360&sort_by=value1&multiple_populations=0&sexes=2&key=total).