

BIBLIOGRAPHY

- Ahmadzadeh Sarhangi, H., Beigifard, D., Farmani, E., & Bolhasani, H. (2024). Deep learning techniques for cervical cancer diagnosis based on pathology and colposcopy images. In *Informatics in Medicine Unlocked* (Vol. 47). Elsevier Ltd. <https://doi.org/10.1016/j.imu.2024.101503>
- Al-Asbaily, S. A., Almoshity, S., Younus, S., & Bozed, K. (2024). Classification of Cervical Cancer using Convolutional Neural Networks. *2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering, MI-STA 2024 - Proceeding*, 735–739. <https://doi.org/10.1109/MI-STA61267.2024.10599701>
- Bhuta, N., Jadhav, T., Shinde, S., Gaikwad, A., & Jangale, P. (2023). Feature Level Ensemble Learning Technique for Cervical Cancer Cell Classification. *2023 7th International Conference On Computing, Communication, Control And Automation, ICCUBEA 2023*. <https://doi.org/10.1109/ICCUBEA58933.2023.10392076>
- Dogan, Y. (2025). *AutoEffFusionNet: A New Approach for Cervical Cancer Diagnosis Using ResNet-based Autoencoder with Attention Mechanism and Genetic Feature Selection*. <https://doi.org/10.1109/ACCESS.2017.DOI>
- Fan, J., Lee, J., & Lee, Y. (2021). A transfer learning architecture based on a support vector machine for histopathology image classification. *Applied Sciences (Switzerland)*, *11*(14). <https://doi.org/10.3390/app11146380>
- Fernandes, K., Chicco, D., Cardoso, J. S., & Fernandes, J. (2018). Supervised deep learning embeddings for the prediction of cervical cancer diagnosis. *PeerJ Computer Science*, *2018*(5). <https://doi.org/10.7717/peerj-cs.154>
- Ganguly, T., Singh, R. P., & Kumar, P. (2023). Self-Attention based ResNet model for Cervical Cancer Detection. *Proceedings of 2023 2nd International Conference on Informatics, ICI 2023*. <https://doi.org/10.1109/ICI60088.2023.10421309>
- Gong, D., Mo, N., Gan, X., Peng, Y., Gao, X., & Pan, J. (2023). Automatic Construction of U-Net Network Based on Genetic Algorithm for Medical Image Segmentation. *Sensors and Materials*, *35*(1–12), 4061–4083. <https://doi.org/10.18494/SAM4588>
- Guida, F., Kidman, R., Ferlay, J., Schüz, J., Soerjomataram, I., Kithaka, B., Ginsburg, O., Mailhot Vega, R. B., Galukande, M., Parham, G., Vaccarella, S., Canfell, K., Ilbawi, A. M., Anderson, B. O., Bray, F., dos-Santos-Silva, I., & McCormack, V. (2022). Global and regional estimates of orphans attributed to maternal cancer mortality in 2020. *Nature Medicine*, *28*(12), 2563–2572. <https://doi.org/10.1038/s41591-022-02109-2>
- Hamdani, T. M., Won, J. M., Alimi, A. M., & Karray, F. (2011). Hierarchical genetic algorithm with new evaluation function and bi-coded representation for the selection of features considering their confidence rate. *Applied Soft Computing Journal*, *11*(2), 2501–2509. <https://doi.org/10.1016/j.asoc.2010.08.020>

- He, K., Zhang, X., Ren, S., & Sun, J. (2015). *Deep Residual Learning for Image Recognition*. <http://image-net.org/challenges/LSVRC/2015/>
- Kundu, R., & Chattopadhyay, S. (2023). Deep features selection through genetic algorithm for cervical pre-cancerous cell classification. *Multimedia Tools and Applications*, 82(9), 13431–13452. <https://doi.org/10.1007/s11042-022-13736-9>
- Park, Y. R., Kim, Y. J., Ju, W., Nam, K., Kim, S., & Kim, K. G. (2021). Comparison of machine and deep learning for the classification of cervical cancer based on cervicography images. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-95748-3>
- Plissiti, M. E., Dimitrakopoulos, P., Sfikas, G., Nikou, C., Krikoni, O., & Charchanti, A. (2018). *SIPAKMED: A NEW DATASET FOR FEATURE AND IMAGE BASED CLASSIFICATION OF NORMAL AND PATHOLOGICAL CERVICAL CELLS IN PAP SMEAR IMAGES*. IEEE.
- Plissiti, M. E., Nikou, C., & Charchanti, A. (2011). Automated detection of cell nuclei in Pap smear images using morphological reconstruction and clustering. *IEEE Transactions on Information Technology in Biomedicine*, 15(2), 233–241. <https://doi.org/10.1109/TITB.2010.2087030>
- Profil Kesehatan Indonesia 2023*. (n.d.).
- Siddique, N., Paheding, S., Elkin, C. P., & Devabhaktuni, V. (2021). U-Net and Its Variants for Medical Image Segmentation: A Review of Theory and Applications. *IEEE Access*, 9, 82031–82057. <https://doi.org/10.1109/ACCESS.2021.3086020>
- Stelzle, D., Tanaka, L. F., Lee, K. K., Ibrahim Khalil, A., Baussano, I., Shah, A. S. V., McAllister, D. A., Gottlieb, S. L., Klug, S. J., Winkler, A. S., Bray, F., Baggaley, R., Clifford, G. M., Broutet, N., & Dalal, S. (2021). Estimates of the global burden of cervical cancer associated with HIV. *The Lancet Global Health*, 9(2), e161–e169. [https://doi.org/10.1016/S2214-109X\(20\)30459-9](https://doi.org/10.1016/S2214-109X(20)30459-9)
- Tripathi, A., Arora, A., & Bhan, A. (2021). Classification of cervical cancer using Deep Learning Algorithm. *Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021*, 1210–1218. <https://doi.org/10.1109/ICICCS51141.2021.9432382>
- Wubineh, B. Z., Rusiecki, A., & Halawa, K. (2025). SE-DeepLabV3+: Cervical Cell Segmentation and Classification Using a Novel SE-Based DeepLabV3+ and Ensemble Method. *IEEE Access*, 13, 116430–116441. <https://doi.org/10.1109/ACCESS.2025.3586764>
- Xu, W., Fu, Y. L., & Zhu, D. (2023). ResNet and its application to medical image processing: Research progress and challenges. *Computer Methods and Programs in Biomedicine*, 240. <https://doi.org/10.1016/j.cmpb.2023.107660>
- Yu, H., Cheng, X., Li, Z., Cai, Q., & Bi, C. (2022). Disease Recognition of Apple Leaf Using Lightweight Multi-Scale Network with ECANet. *CMES - Computer Modeling in Engineering and Sciences*, 132(3), 711–738. <https://doi.org/10.32604/cmcs.2022.020263>