

DAFTAR PUSTAKA

- Afiahayati, Anarossi, E., Yanuaryska, R.D., Nuha, F.U. & Mulyana, S., 2020, Comet Assay Classification for Buccal Mucosa's DNA Damage Measurement with Super Tiny Dataset Using Transfer Learning, *Intelligent Information and Database Systems: Recent Developments*.
- Atila, Ü., Baydilli, Y.Y., Sehirli, E. & Turan, M.K., 2020, Classification of DNA damages on segmented comet assay images using convolutional neural network, *Computer Methods and Programs in Biomedicine*, 186.
- Cai, L., Long, T., Dai, Y. & Huang, Y., 2020, Mask R-CNN-Based Detection and Segmentation for Pulmonary Nodule 3D Visualization Diagnosis, *IEEE Access*, 8, 44400–44409.
- Collins, A.R., Oscoz, A.A., Brunborg, G., Gaivão, I., Giovannelli, L., Kruszewski, M., Smith, C.C. & Štětina, R., 2008, The comet assay: Topical issues, *Mutagenesis*, 23, 3, 143–151.
- Feng, X., Qing, K., Tustison, N.J., Meyer, C.H. & Chen, Q., 2019, Deep convolutional neural network for segmentation of thoracic organs-at-risk using cropped 3D images, *Medical Physics*, 46, 5, 2169–2180.
- Fu, Q., Chen, Y., Li, Z., Jing, Q., Hu, C., Liu, Han, Bao, J., Hong, Y., Shi, T., Li, K., Zou, H., Song, Y., Wang, H., Wang, X., Wang, Y., Liu, J., Liu, Hui, Chen, S., Chen, R., Zhang, M., Zhao, J., Xiang, J., Liu, B., Jia, J., Wu, H., Zhao, Y., Wan, L. & Xiong, X., 2020, A deep learning algorithm for detection of oral cavity squamous cell carcinoma from photographic images: A retrospective study, *EClinicalMedicine*, 27, 100558. <https://doi.org/10.1016/j.eclinm.2020.100558>.
- Grandini, M., Bagli, E. & Visani, G., 2020, Metrics for Multi-Class Classification: an Overview, , 1–17. <http://arxiv.org/abs/2008.05756>.
- He, K., Gkioxari, G., Dollár, P. & Girshick, R., 2018, Mask R-CNN, *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 42, 2, 386–397.
- He, K., Zhang, X., Ren, S. & Sun, J., 2016, Deep Residual Learning for Image Recognition, *CVPR*, 770–778.
- Hong, Y., Han, H.J., Lee, H., Lee, D., Ko, J., Hong, Z. yu, Lee, J.Y., Seok, J.H., Lim, H.S., Son, W.C. & Sohn, I., 2020, Deep learning method for comet segmentation and comet assay image analysis, *Scientific Reports*, 10, 1, 1–13. <https://doi.org/10.1038/s41598-020-75592-7>.



- Huang, J., Rathod, V., Sun, C., Zhu, M., Korattikara, A., Fathi, A., Fischer, I., Wojna, Z., Song, Y., Guadarrama, S. & Murphy, K., 2017, Speed/Acuracy Trade=Offs for Modern Convolutional Object Detectors, *CVPR*, 7310–7319.
- Kumaravel, T.S., Vilhar, B., Faux, S.P. & Jha, A.N., 2009, Comet Assay measurements: A perspective, *Cell Biology and Toxicology*, 25, 1, 53–64.
- Kurnianingsih, Allehaibi, K.H.S., Nugroho, L.E., Widyawan, Lazuardi, L., Prabuwono, A.S. & Mantoro, T., 2019, Segmentation and classification of cervical cells using deep learning, *IEEE Access*, 7, 116925–116941.
- Lin, T.-Y., Dollar, P., Girshick, R., He, K., Hariharan, B. & Belongie, S., 2017, Feature Pyramid Networks for Object Detection, *CVPR*, 1–10.
- Olive, P.L. & Banáth, J.P., 2006, The comet assay: A method to measure DNA damage in individual cells, *Nature Protocols*, 1, 1, 23–29.
- Rosati, R., Romeo, L., Silvestri, S., Marcheggiani, F., Tiano, L. & Frontoni, E., 2020, Faster R-CNN approach for detection and quantification of DNA damage in comet assay images, *Computers in Biology and Medicine*, 123, July, 103912. <https://doi.org/10.1016/j.combiomed.2020.103912>,.
- Shamim, M., Syed, S., Shiblee, M., Usman, M. & Ali, S., 2019, Automated detection of oral pre-cancerous tongue lesions using deep learning for early diagnosis of oral cavity cancer., *arXiv*, 1–25.
- Xie, S., Girshick, R., Dollár, P., Tu, Z. & He, K., 2017, Aggregated residual transformations for deep neural networks, *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017*, 2017-January, 5987–5995.
- Yan, H., Lu, H., Ye, M., Yan, K., Xu, Y. & Jin, Q., 2019, Improved mask R-CNN for lung nodule segmentation, *Proceedings - 10th International Conference on Information Technology in Medicine and Education, ITME 2019*, 137–141.