

DAFTAR PUSTAKA

- Alsawaylimi, A.A., Alanazi, R., Alanazi, S.M., Alenezi, S.M., Saidani, T. and Ghodhbani, R., 2024. Improved and Efficient Object Detection Algorithm based on YOLOv5. *Engineering, Technology & Applied Science Research*, 14(3), pp.14380–14386. <https://doi.org/10.48084/etasr.7386>.
- Amarù, S., Marelli, D., Ciocca, G. and Schettini, R., 2023. DALib: A Curated Repository of Libraries for Data Augmentation in Computer Vision. *Journal of Imaging*, 9(10), p.232. <https://doi.org/10.3390/jimaging9100232>.
- Bochkovskiy, A., Wang, C.-Y. and Liao, H.-Y.M., 2020. *YOLOv4: Optimal Speed and Accuracy of Object Detection*. <https://doi.org/10.48550/ARXIV.2004.10934>.
- Dabral, M., Kaur, T., Khanna, A., Yadav, A., Sharma, O., and Nakul, 2024. Deep Learning: How to Apply Machine Learning and Deep Learning Methods to Audio Analysis. In: N.K. Marriwala, S. Dhingra, S. Jain and D. Kumar, eds. *Mobile Radio Communications and 5G Networks*, Lecture Notes in Networks and Systems. [online] Singapore: Springer Nature Singapore. pp.11–22. https://doi.org/10.1007/978-981-97-0700-3_2.
- Davies, E.R., 2017. *Computer Vision: Principles, Algorithms, Applications, Learning: Fifth Edition*. Computer Vision: Principles, Algorithms, Applications, Learning: Fifth Edition. [online] p.858. Available at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042283058&partnerID=40&md5=1bc4521c56f22d94959fa1032881664e>>.
- Davis, J. and Goadrich, M., 2006. The relationship between Precision-Recall and ROC curves. In: *Proceedings of the 23rd international conference on Machine learning - ICML '06*. [online] the 23rd international conference. Pittsburgh, Pennsylvania: ACM Press. pp.233–240. <https://doi.org/10.1145/1143844.1143874>.
- Ding, P., Qian, H., Bao, J., Zhou, Y. and Yan, S., 2023. L-YOLOv4: lightweight YOLOv4 based on modified RFB-s and depthwise separable convolution for multi-target detection in complex scenes. *Journal of Real-Time Image Processing*, 20(4), p.71. <https://doi.org/10.1007/s11554-023-01329-0>.
- Du, Y., Pan, N., Xu, Z., Deng, F., Shen, Y. and Kang, H., 2021. Pavement distress detection and classification based on YOLO network. *International Journal of Pavement Engineering*, 22(13), pp.1659–1672. <https://doi.org/10.1080/10298436.2020.1714047>.
- El Kaid, A., Baïna, K. and Baïna, J., 2019. Reduce False Positive Alerts for Elderly Person Fall Video-Detection Algorithm by convolutional neural network model. *Procedia Computer Science*, 148, pp.2–11. <https://doi.org/10.1016/j.procs.2019.01.004>.
- Gan, L. and Li, X., 2024. *TXL-PBC: a freely accessible labeled peripheral blood cell dataset*. <https://doi.org/10.48550/ARXIV.2407.13214>.

- Guo, Y. and Zhang, M., 2023. Blood Cell Detection Method Based on Improved YOLOv5. *IEEE Access*, 11, pp.67987–67995.
<https://doi.org/10.1109/ACCESS.2023.3290905>.
- Gupta, M. and Debnath, S., 2023. Deep learning algorithms for computer vision. In: *Intelligent Systems and Applications in Computer Vision*, 1st ed. [online] New York: CRC Press. pp.61–71. <https://doi.org/10.1201/9781003453406-5>.
- Han, J. and Kamber, M., 2012. *Data mining: concepts and techniques*. 3rd ed ed. Burlington, MA: Elsevier.
- He, Y., 2024. Automatic Blood Cell Detection Based on Advanced YOLOv5s Network. *IEEE Access*, 12, pp.17639–17650.
<https://doi.org/10.1109/ACCESS.2024.3360142>.
- Hou, Q., Zhou, D. and Feng, J., 2021. *Coordinate Attention for Efficient Mobile Network Design*. <https://doi.org/10.48550/arXiv.2103.02907>.
- Huang, C., 2024. Research on attention mechanism optimization of deep learning algorithms. [online] 2024 2ND INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND MECHATRONICS (ICCSM 2024). Shanghai, China. p.050025. <https://doi.org/10.1063/5.0222691>.
- Humphry, E. and Armstrong, C.E., 2022. Physiology of red and white blood cells. *Anaesthesia & Intensive Care Medicine*, 23(2), pp.118–122.
<https://doi.org/10.1016/j.mpaic.2021.10.019>.
- Kang, M., Ting, C.-M., Ting, F.F. and Phan, R.C.-W., 2024. CST-Yolo: A Novel Method For Blood Cell Detection Based On Improved YOLOv7 And CNN-Swin Transformer. In: *2024 IEEE International Conference on Image Processing (ICIP)*. [online] 2024 IEEE International Conference on Image Processing (ICIP). Abu Dhabi, United Arab Emirates: IEEE. pp.3024–3029.
<https://doi.org/10.1109/ICIP51287.2024.10647618>.
- Krizhevsky, A., Sutskever, I. and Hinton, G.E., 2017. ImageNet classification with deep convolutional neural networks. *Communications of the ACM*, 60(6), pp.84–90.
<https://doi.org/10.1145/3065386>.
- Liu, C., Li, D. and Huang, P., 2021. ISE-YOLO: Improved Squeeze-and-Excitation Attention Module based YOLO for Blood Cells Detection. In: *2021 IEEE International Conference on Big Data (Big Data)*. [online] 2021 IEEE International Conference on Big Data (Big Data). Orlando, FL, USA: IEEE. pp.3911–3916.
<https://doi.org/10.1109/BigData52589.2021.9672069>.
- Mao, Y., Zhang, H., Wu, W., Gao, X., Lin, Z. and Lin, J., 2024. DWS-YOLO: A Lightweight Detector for Blood Cell Detection. *Applied Artificial Intelligence*, 38(1), p.2318673. <https://doi.org/10.1080/08839514.2024.2318673>.
- Melacchi, S., Lippi, M., Gori, M. and Maggini, M., 2013. Information-Based Learning

of Deep Architectures for Feature Extraction. In: A. Petrosino, ed. *Image Analysis and Processing – ICIAP 2013*, Lecture Notes in Computer Science. [online] Berlin, Heidelberg: Springer Berlin Heidelberg. pp.101–110.
https://doi.org/10.1007/978-3-642-41184-7_11.

Nanthini, K., Sivabalaselvamani, D., Chitra, K., Gokul, P., Kavinkumar, S. and Kishore, S., 2023. A Survey on Data Augmentation Techniques. In: *2023 7th International Conference on Computing Methodologies and Communication (ICCMC)*. [online] 2023 7th International Conference on Computing Methodologies and Communication (ICCMC). Erode, India: IEEE. pp.913–920.
<https://doi.org/10.1109/ICCMC56507.2023.10084010>.

Prakash, I.V. and Palanivelan, M., 2024. A Study of YOLO (You Only Look Once) to YOLOv8. In: *Algorithms in Advanced Artificial Intelligence*, 1st ed. [online] London: CRC Press. pp.257–266. <https://doi.org/10.1201/9781003529231-40>.

Raschka, S., 2022. *Machine Learning with PyTorch and Scikit-Learn: Develop machine learning and deep learning models with Python*. 1st ed. Birmingham: Packt Publishing Limited.

Sasikala, S., Subhashini, S.J., Alli, P. and Jane Rubel Angelina, J., 2021. Deep Learning Applications in Medical Imaging: Artificial Intelligence, Machine Learning, and Deep Learning. In: S. Saxena and S. Paul, eds. *Advances in Medical Technologies and Clinical Practice*. [online] IGI Global. pp.178–208.
<https://doi.org/10.4018/978-1-7998-5071-7.ch008>.

Shorten, C. and Khoshgoftaar, T.M., 2019. A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1), p.60.
<https://doi.org/10.1186/s40537-019-0197-0>.

Tan, M. and Le, Q.V., 2020. *EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks*. <https://doi.org/10.48550/arXiv.1905.11946>.

Tan, M., Pang, R. and Le, Q.V., 2019. EfficientDet: Scalable and Efficient Object Detection. [online] <https://doi.org/10.48550/ARXIV.1911.09070>.

Thom, J.A. and Scholer, F., n.d. A Comparison of Evaluation Measures Given How Users Perform on Search Tasks.

Tian, Y., Su, D., Lauria, S. and Liu, X., 2022. Recent advances on loss functions in deep learning for computer vision. *Neurocomputing*, 497, pp.129–158.
<https://doi.org/10.1016/j.neucom.2022.04.127>.

Wang, Q., Wu, B., Zhu, P., Li, P., Zuo, W. and Hu, Q., 2020. *ECA-Net: Efficient Channel Attention for Deep Convolutional Neural Networks*. <https://doi.org/10.48550/arXiv.1910.03151>.

Wataya, T., Nakanishi, K., Suzuki, Y., Kido, S. and Tomiyama, N., 2020. Introduction to deep learning: minimum essence required to launch a research.



Japanese Journal of Radiology, 38(10), pp.907–921.
<https://doi.org/10.1007/s11604-020-00998-2>.

Woo, S., Park, J., Lee, J.-Y. and Kweon, I.S., 2018. *CBAM: Convolutional Block Attention Module*. <https://doi.org/10.48550/ARXIV.1807.06521>.

Wu, Y., Gao, D., Fang, Y., Xu, X., Gao, H. and Ju, Z., 2023. SDE-YOLO: A Novel Method for Blood Cell Detection. *Biomimetics*, 8(5), p.404.
<https://doi.org/10.3390/biomimetics8050404>.

Xu, F., Li, X., Yang, H., Wang, Y. and Xiang, W., 2022. TE-YOLOF: Tiny and efficient YOLOF for blood cell detection. *Biomedical Signal Processing and Control*, 73, p.103416. <https://doi.org/10.1016/j.bspc.2021.103416>.

Zayniddinov, K., Rakhimov, B., Khalikova, G. and Saidov, A., 2023. Review and analysis of computer vision algorithms. [online] PROBLEMS IN THE TEXTILE AND LIGHT INDUSTRY IN THE CONTEXT OF INTEGRATION OF SCIENCE AND INDUSTRY AND WAYS TO SOLVE THEM: (PTLICISIWS-2022). Namangan, Uzbekistan. p.050022. <https://doi.org/10.1063/5.0149620>.

Zhang, D., Bu, Y., Chen, Q., Cai, S. and Zhang, Y., 2024. TW-YOLO: An Innovative Blood Cell Detection Model Based on Multi-Scale Feature Fusion. *Sensors*, 24(19), p.6168. <https://doi.org/10.3390/s24196168>.

Zhao, J., Cheng, Y. and Ma, X., 2022. A real time intelligent detection and counting method of cells based on YOLOv5. In: *2022 IEEE International Conference on Electrical Engineering, Big Data and Algorithms (EEBDA)*. [online] 2022 IEEE International Conference on Electrical Engineering, Big Data and Algorithms (EEBDA). Changchun, China: IEEE. pp.675–679.
<https://doi.org/10.1109/EEBDA53927.2022.9744842>.

Zhou, X., 2020. Application of Deep Learning in Ocean Big Data Mining. *Journal of Coastal Research*, 106(sp1), p.614. <https://doi.org/10.2112/SI106-139.1>.