

DAFTAR PUSTAKA

- Ahmadi, P., Mansor, S., Farjad, B., & Ghaderpour, E. (2022). Unmanned Aerial Vehicle (UAV)-Based Remote Sensing for Early-Stage Detection of Ganoderma. *Remote Sensing*, 14(5), 1–15. <https://doi.org/10.3390/rs14051239>
- Ammar, A., Koubaa, A., Ahmed, M., Saad, A., & Benjdira, B. (2019). *Aerial Images Processing for Car Detection using Convolutional Neural Networks: Comparison between Faster R-CNN and YoloV3*. 1–37. <https://doi.org/10.3390/electronics10070820>
- Bari, B. S., Islam, M. N., Rashid, M., Hasan, M. J., Razman, M. A. M., Musa, R. M., Nasir, A. F. A., & Majeed, A. P. P. A. (2021). A real-time approach of diagnosing rice leaf disease using deep learning-based faster R-CNN framework. *PeerJ Computer Science*, 7, 1–27. <https://doi.org/10.7717/PEERJ-CS.432>
- Fan, Z., Lu, J., Gong, M., Xie, H., & Goodman, E. D. (2018). Automatic Tobacco Plant Detection in UAV Images via Deep Neural Networks. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 11(3), 876–887. <https://doi.org/10.1109/JSTARS.2018.2793849>
- Haimer, Z., Mateur, K., Farhan, Y., & Madi, A. A. (2023). Pothole Detection: A Performance Comparison Between YOLOv7 and YOLOv8. *2023 9th International Conference on Optimization and Applications, ICOA 2023 - Proceedings*, 1–7. <https://doi.org/10.1109/ICOA58279.2023.10308849>
- Haque, E., Paul, M., Rahman, A., Tohidi, F., & Islam, J. (2023). Rice Leaf Disease Detection and Classification Using Shallow Trained YOLOv7 Active Deep Learning Approach. *2023 International Conference on Digital Image Computing: Techniques and Applications, DICTA 2023*, 516–522. <https://doi.org/10.1109/DICTA60407.2023.00077>
- Haw, Y. H., Hum, Y. C., Chuah, J. H., Voon, W., Khairunniza-Bejo, S., Husin, N. A., Yee, P. L., & Lai, K. W. (2023). Detection of Basal Stem Rot Disease Using Deep Learning. *IEEE Access*, 11(May), 49846–49862. <https://doi.org/10.1109/ACCESS.2023.3276763>
- Haw, Y. H., Lai, K. W., Chuah, J. H., Bejo, S. K., Husin, N. A., Hum, Y. C., Yee, P. L., Tee, C. A. T. H., Ye, X., & Wu, X. (2023). Classification of basal stem rot using deep learning: a review of digital data collection and palm disease classification methods. *PeerJ Computer Science*, 9, 1–30. <https://doi.org/10.7717/PEERJ-CS.1325>
- Ikal Idris, Reni Mayerni, & Warnita. (2020). KARAKTERISASI MORFOLOGI TANAMAN KELAPA SAWIT (*Elaeis guineensis* Jacq.) DI KEBUN BINAAN PPKS KABUPATEN DHARMASRAYA. *Jurnal Riset Perkebunan*, 1(1), 45–53. <https://doi.org/10.25077/jrp.1.1.45-53.2020>
- John, A., Devika, V. L., V, G. S., & Sakhir, N. (2023). Leaf Disease Detection & Correction using YOLO V7 with GPT3 integrated. *International Journal of Engineering Research & Technology (IJERT)*, 12(6), 100–105. www.ijert.org
- Joiya, F. (2022). Object Detection: Yolo Vs Faster R-Cnn. *International Research Journal of Modernization in Engineering Technology and Science*, 09, 1911–1915. <https://doi.org/10.56726/irjmets30226>
- Kurihara, J., Koo, V. C., Guey, C. W., Lee, Y. P., & Abidin, H. (2022). Early Detection of Basal Stem Rot Disease in Oil Palm Tree Using Unmanned Aerial Vehicle-Based Hyperspectral Imaging. *Remote Sensing*, 14(3). <https://doi.org/10.3390/rs14030799>
- Olorunshola, O., Jemitola, P., & Ademuwagun, A. (2023). Comparative Study of Some Deep Learning Object Detection Algorithms: R-CNN, FAST R-CNN, FASTER R-CNN, SSD, and YOLO. *Nile Journal of Engineering and Applied*

- Science*, 1(0), 1. <https://doi.org/10.5455/njeas.150264>
- Priyadharshini, G., & Judie Dolly, D. R. (2023). Comparative Investigations on Tomato Leaf Disease Detection and Classification Using CNN, R-CNN, Fast R-CNN and Faster R-CNN. *2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023*, 1, 1540–1545. <https://doi.org/10.1109/ICACCS57279.2023.10112860>
- Qadri, S. A. A., Huang, N. F., Wani, T. M., & Bhat, S. A. (2023). Plant Disease Detection and Segmentation using End-to-End YOLOv8: A Comprehensive Approach. *Proceedings - 13th IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2023*, 155–160. <https://doi.org/10.1109/ICCSCE58721.2023.10237169>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You only look once: Unified, real-time object detection. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2016-Decem*, 779–788. <https://doi.org/10.1109/CVPR.2016.91>
- Ren, S., He, K., Girshick, R., & Sun, J. (2017). Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(6), 1137–1149. <https://doi.org/10.1109/TPAMI.2016.2577031>
- Reswara, E., Suakanto, S., & Putra, S. A. (2023). Comparison of Object Detection Algorithm using YOLO vs Faster R-CNN: A Systematic Literature Review. *ACM International Conference Proceeding Series*, 419–424. <https://doi.org/10.1145/3627377.3627443>
- Soeb, M. J. A., Jubayer, M. F., Tarin, T. A., Al Mamun, M. R., Ruhad, F. M., Parven, A., Mubarak, N. M., Karri, S. L., & Meftaul, I. M. (2023). Tea leaf disease detection and identification based on YOLOv7 (YOLO-T). *Scientific Reports*, 13(1), 1–16. <https://doi.org/10.1038/s41598-023-33270-4>
- Tee, C. A. T., Teoh, Y. X., Yee, P. L., Tan, B. C., & Lai, K. W. (2021). Discovering the Ganoderma Boninense Detection Methods Using Machine Learning: A Review of Manual, Laboratory, and Remote Approaches. *IEEE Access*, 9, 105776–105787. <https://doi.org/10.1109/ACCESS.2021.3098307>
- Vaidya, S., Kavthekar, S., & Joshi, A. (2023). Leveraging YOLOv7 for Plant Disease Detection. *2023 International Conference on Innovative Trends in Information Technology, ICITIIT 2023*, 1–6. <https://doi.org/10.1109/ICITIIT57246.2023.10068590>
- Wicaksono, W., Prilianti, K. R., Setiawan, H., & Mimboro, P. (2022). *Perkebunan Kelapa Sawit Dengan Penginderaan Jauh*. 03(November), 135–142.
- Win Kent, O., Weng Chun, T., Lee Choo, T., & Weng Kin, L. (2023). Early symptom detection of basal stem rot disease in oil palm trees using a deep learning approach on UAV images. *Computers and Electronics in Agriculture*, 213(May 2023), 108192. <https://doi.org/10.1016/j.compag.2023.108192>
- Zhao, Y., Yang, Y., Xu, X., & Sun, C. (2023). Precision detection of crop diseases based on improved YOLOv5 model. *Frontiers in Plant Science*, 13(January), 1–17. <https://doi.org/10.3389/fpls.2022.1066835>
- Amjoud, A. B., & Amrouch, M. (2023). Object Detection Using Deep Learning, CNNs and Vision Transformers: A Review. *IEEE Access*, 11(March), 35479–35516. <https://doi.org/10.1109/ACCESS.2023.3266093>
- Bochkovskiy, A., Wang, C.-Y., & Liao, H.-Y. M. (2020). YOLOv4: Optimal Speed and Accuracy of Object Detection. <http://arxiv.org/abs/2004.10934>
- Bolya, D., Zhou, C., Xiao, F., & Lee, Y. J. (2022). YOLACT++ Better Real-Time Instance Segmentation. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 44(2), 1108–1121.

- <https://doi.org/10.1109/TPAMI.2020.3014297> Cai, Y., Li, H., Yuan, G., Niu, W., Li, Y., Tang, X., Ren, B., & Wang, Y. (2021).
- YOLObile: Real-Time Object Detection on Mobile Devices via Compression-Compilation Co-Design. 35th AAAI Conference on Artificial Intelligence, AAAI 2021, 2A, 955–963. <https://doi.org/10.1609/aaai.v35i2.16179>
- Carolita, I., Sitorus, J., Manalu, J., & Wiratmoko, D. (2017). Growth Profile Analysis of Oil Palm By Using Spot 6 the Case of North Sumatra. *International Journal of Remote Sensing and Earth Sciences (IJReSES)*, 12(1), 21. <https://doi.org/10.30536/ijreses.2015.v12.a2669>
- Chen, Q., Wang, Y., Yang, T., Zhang, X., Cheng, J., & Sun, J. (2021). You Only Look One-level Feature. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 13034–13043. <https://doi.org/10.1109/CVPR46437.2021.01284>
- Cheng, T., Song, L., Ge, Y., Liu, W., Wang, X., & Shan, Y. (2024). YOLO-World: Real-Time Open-Vocabulary Object Detection. <http://arxiv.org/abs/2401.17270>
- Dalal, N., Triggs, B., Dalal, N., & Triggs, B. (2005). Histograms of Oriented Gradients for Human Detection To cite this version : Histograms of Oriented Gradients for Human Detection. *IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 886–893. <http://lear.inrialpes.fr>
- Ge, Z., Liu, S., Wang, F., Li, Z., & Sun, J. (2021). YOLOX: Exceeding YOLO Series in 2021. 1–7. <http://arxiv.org/abs/2107.08430>
- Girshick, R. (2015). Fast R-CNN. *Proceedings of the IEEE International Conference on Computer Vision, 2015 Inter*, 1440–1448. <https://doi.org/10.1109/ICCV.2015.169>
- Girshick, R., Donahue, J., Darrell, T., & Malik, J. (2014). Rich feature hierarchies for accurate object detection and semantic segmentation. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 580–587. <https://doi.org/10.1109/CVPR.2014.81>
- Haw, Y. H., Hum, Y. C., Chuah, J. H., Voon, W., Khairunniza-Bejo, S., Husin, N. A., Yee, P. L., & Lai, K. W. (2023). Detection of Basal Stem Rot Disease Using Deep Learning. *IEEE Access*, 11(May), 49846–49862. <https://doi.org/10.1109/ACCESS.2023.3276763>
- Haw, Y. H., Lai, K. W., Chuah, J. H., Bejo, S. K., Husin, N. A., Hum, Y. C., Yee, P. L., Tee, C. A. T. H., Ye, X., & Wu, X. (2023). Classification of basal stem rot using deep learning: a review of digital data collection and palm disease classification methods. *PeerJ Computer Science*, 9, 1–30. <https://doi.org/10.7717/PEERJ-CS.1325>
- He, K., Zhang, X., Ren, S., & Sun, J. (2014). Spatial pyramid pooling in deep convolutional networks for visual recognition. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 8691 LNCS(PART 3), 346–361. https://doi.org/10.1007/978-3-319-10578-9_23
- He, K., Zhang, X., Ren, S., & Sun, J. (2016). Deep residual learning for image recognition. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2016-Decem*, 770–778. <https://doi.org/10.1109/CVPR.2016.90>
- Huang, T. S., Yang, G. J., & Tang, G. Y. (1979). A Fast Two-Dimensional Median Filtering Algorithm. *IEEE Transactions on Acoustics, Speech, and Signal Processing*, 27(1), 13–18. <https://doi.org/10.1109/TASSP.1979.1163188>
- Huang, X., Wang, X., Lv, W., Bai, X., Long, X., Deng, K., Dang, Q., Han, S., Liu, Q., Hu, X., Yu, D., Ma, Y., & Yoshie, O. (2021). PP-YOLOv2: A Practical Object Detector. 1–7. <http://arxiv.org/abs/2104.10419>

- Ismi Intara, Y., Dipo Nusantara, A., Caniago, Z., & Ekawita, R. (2018). Oil Palm Roots Architecture in Response to Soil Humidity. *International Journal of Oil Palm*, 1(2), 79–89.
- Jani, M., Fayyad, J., Al-Younes, Y., & Najjaran, H. (2023). Model Compression Methods for YOLOv5: A Review. <http://arxiv.org/abs/2307.11904>
- John, A., & Meva, D. (2020). International Journal of Computer Sciences and Engineering Open Access A Comparative Study of Various Object Detection Algorithms and Performance Analysis. *International Journal of Computer Sciences and Engineering*, 8(10). <https://doi.org/10.26438/ijcse/v8i10.158163>
- Joiya, F. (2022). Object Detection: Yolo Vs Faster R-Cnn. *International Research Journal of Modernization in Engineering Technology and Science*, 09, 1911–1915. <https://doi.org/10.56726/irjmets30226>
- Kafrawi, K., Hesti, N., Syatrawati, S., Rahim, I., & Kumalawati, Z. (2023). Tingkat Pertumbuhan dan Produksi Kelapa Sawit (*Elaeis guineensis* Jacq.) pada Berbagai Topografi Lahan. *Jurnal Galung Tropika*, 12(2), 203–212. <https://doi.org/10.31850/jgt.v12i2.1109>
- Kateb, F. A., Monowar, M. M., Hamid, M. A., Ohi, A. Q., & Mridha, M. F. (2021). FruitDet: Attentive feature aggregation for real-time fruit detection in orchards. *Agronomy*, 11(12), 1–21. <https://doi.org/10.3390/agronomy11122440>
- Keskar, N. S., Nocedal, J., Tang, P. T. P., Mudigere, D., & Smelyanskiy, M. (2017). On large-batch training for deep learning: Generalization gap and sharp minima. 5th International Conference on Learning Representations, ICLR 2017 - Conference Track Proceedings, 1–16.
- Krizhevsky, A., Sutskever, I., & Hinton, G. E. (2017). ImageNet classification with deep convolutional neural networks. *Communications of the ACM*, 60(6), 84–90. <https://doi.org/10.1145/3065386>
- Kurihara, J., Koo, V. C., Guey, C. W., Lee, Y. P., & Abidin, H. (2022). Early Detection of Basal Stem Rot Disease in Oil Palm Tree Using Unmanned Aerial Vehicle-Based Hyperspectral Imaging. *Remote Sensing*, 14(3). <https://doi.org/10.3390/rs14030799>
- LeCun, Y., Bottou, L., Bengio, Y., & Haffner, P. (1998). Gradient-based learning applied to document recognition. *Proceedings of the IEEE*, 86(11), 2278–2323. <https://doi.org/10.1109/5.726791>
- Li, C., Li, L., Jiang, H., Weng, K., Geng, Y., Li, L., Ke, Z., Li, Q., Cheng, M., Nie, W., Li, Y., Zhang, B., Liang, Y., Zhou, L., Xu, X., Chu, X., Wei, X., & Wei, X. (2022). YOLOv6: A Single-Stage Object Detection Framework for Industrial Applications. <http://arxiv.org/abs/2209.02976>
- Li, X., Lai, T., Wang, S., Chen, Q., Yang, C., & Chen, R. (2019). Weighted feature pyramid networks for object detection. *Proceedings - 2019 IEEE Intl Conf on Parallel and Distributed Processing with Applications, Big Data and Cloud Computing, Sustainable Computing and Communications, Social Computing and Networking, ISPA/BDCLOUD/SustainCom/SocialCom 2019*, 1500–1504. <https://doi.org/10.1109/ISPA-BDCLOUD-SustainCom-SocialCom48970.2019.00217>
- Liu, J., & Wang, X. (2021). Plant diseases and pests detection based on deep learning: a review. *Plant Methods*, 17(1), 1–18. <https://doi.org/10.1186/s13007-021-00722-9>
- Liu, S., Qi, L., Qin, H., Shi, J., & Jia, J. (2018). Path Aggregation Network for Instance Segmentation. *Proceedings of the IEEE Computer Society Conference on*

- Computer Vision and Pattern Recognition, 8759–8768. <https://doi.org/10.1109/CVPR.2018.00913>
- Long, X., Deng, K., Wang, G., Zhang, Y., Dang, Q., Gao, Y., Shen, H., Ren, J., Han, S., Ding, E., & Wen, S. (2020). PP-YOLO: An Effective and Efficient Implementation of Object Detector. <http://arxiv.org/abs/2007.12099>
- Lowe, D. G. (2004). Distinctive image features from scale-invariant keypoints. *International Journal of Computer Vision*, 60(2), 91–110. <https://doi.org/10.1023/B:VISI.0000029664.99615.94>
- Ma, J., Hu, C., Zhou, P., Jin, F., Wang, X., & Huang, H. (2023). Review of Image Augmentation Used in Deep Learning-Based Material Microscopic Image Segmentation. *Applied Sciences (Switzerland)*, 13(11), 1–18. <https://doi.org/10.3390/app13116478>
- Maji, D., & Mathew, M. (2022). YOLO-Pose : Enhancing YOLO for Multi Person Pose Estimation Using Object. *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, 2637–2646.
- Mimma, N. E. A., Ahmed, S., Rahman, T., & Khan, R. (2022). Fruits Classification and Detection Application Using Deep Learning. *Scientific Programming*, 2022. <https://doi.org/10.1155/2022/4194874>
- Murphy, K. M., Ludwig, E., Gutierrez, J., & Gehan, M. A. (2024). Deep Learning in Image-Based Plant Phenotyping. *Annual Review of Plant Biology*, 75(1), 771–795. <https://doi.org/10.1146/annurev-arplant-070523-042828>
- Olorunshola, O., Jemitola, P., & Ademuwagun, A. (2023). Comparative Study of Some Deep Learning Object Detection Algorithms: R-CNN, FAST R-CNN, FASTER R-CNN, SSD, and YOLO. *Nile Journal of Engineering and Applied Science*, 1(0), 1. <https://doi.org/10.5455/njeas.150264>
- Osco, L. P., dos Santos de Arruda, M., Gonçalves, D. N., Dias, A., Batistoti, J., de Souza, M., Gomes, F. D. G., Ramos, A. P. M., de Castro Jorge, L. A., Liesenberg, V., Li, J., Ma, L., Marcato, J., & Gonçalves, W. N. (2021). A CNN approach to simultaneously count plants and detect plantation-rows from UAV imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 174, 1–17. <https://doi.org/10.1016/j.isprsjprs.2021.01.024>
- Osco, L. P., Marcato Junior, J., Marques Ramos, A. P., de Castro Jorge, L. A., Fathollahi, S. N., de Andrade Silva, J., Matsubara, E. T., Pistori, H., Gonçalves, W. N., & Li, J. (2021). A review on deep learning in UAV remote sensing. *International Journal of Applied Earth Observation and Geoinformation*, 102(July). <https://doi.org/10.1016/j.jag.2021.102456>
- Pizer, S. M., Amburn, E. P., Austin, J. D., Cromartie, R., Geselowitz, A., Greer, T., ter Haar Romeny, B., Zimmerman, J. B., & Zuiderveld, K. (1987). Adaptive Histogram Equalization and Its Variations. *Computer Vision, Graphics, and Image Processing*, 39(3), 355–368. [https://doi.org/10.1016/S0734-189X\(87\)80186-X](https://doi.org/10.1016/S0734-189X(87)80186-X)
- Reddi, S. J., Kale, S., & Kumar, S. (2018). On the convergence of Adam and beyond. 6th International Conference on Learning Representations, ICLR 2018 - Conference Track Proceedings, 1–23.
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You only look once: Unified, real-time object detection. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 2016-Decem, 779– 788. <https://doi.org/10.1109/CVPR.2016.91>
- Redmon, J., & Farhadi, A. (2017). YOLO9000: Better, faster, stronger. *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017*, 2017-Janua, 6517–6525. <https://doi.org/10.1109/CVPR.2017.690>

- Redmon, J., & Farhadi, A. (2018). YOLOv3: An Incremental Improvement. <http://arxiv.org/abs/1804.02767>
- Reis, D., Kupec, J., Hong, J., & Daoudi, A. (2023). Real-Time Flying Object Detection with YOLOv8. <http://arxiv.org/abs/2305.09972>
- Ren, S., He, K., Girshick, R., & Sun, J. (2017). Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(6), 1137–1149. <https://doi.org/10.1109/TPAMI.2016.2577031>
- Reswara, E., Suakanto, S., & Putra, S. A. (2023). Comparison of Object Detection Algorithm using YOLO vs Faster R-CNN : A Systematic Literature Review. *ACM International Conference Proceeding Series*, 419–424. <https://doi.org/10.1145/3627377.3627443>
- Rumelhart, D. E., Hinton, G. E., & Williams, R. J. (1986). Learning representations by back-propagating errors. *Nature*, 323(6088), 533–536. <https://doi.org/10.1038/323533a0>
- Sa, I., Ge, Z., Dayoub, F., Upcroft, B., Perez, T., & McCool, C. (2016). Deepfruits: A fruit detection system using deep neural networks. *Sensors (Switzerland)*, 16(8). <https://doi.org/10.3390/s16081222>
- Santhosh S Nayak, S. S. N. (2022). a Comparative Study of Various Object Detection and Feature Extraction Algorithms. *Journal of Science and Technology*, 7(2), 291–300. <https://doi.org/10.46243/jst.2022.v7.i02.pp291-300>
- Shahi, T. B., Xu, C. Y., Neupane, A., & Guo, W. (2023). Recent Advances in Crop Disease Detection Using UAV and Deep Learning Techniques. *Remote Sensing*, 15(9), 1–29. <https://doi.org/10.3390/rs15092450>
- Shen, Y. G., Bilić, A., O'Connor, D. J., & King, B. V. (1997). Reinvestigation of the surface reconstruction of Cu(001)-(2 × 2)p4g-Pd. *Surface Science*, 394(1–3). [https://doi.org/10.1016/S0039-6028\(97\)00710-3](https://doi.org/10.1016/S0039-6028(97)00710-3)
- Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1). <https://doi.org/10.1186/s40537-019-0197-0>
- Simonyan, K., & Zisserman, A. (2015). Very deep convolutional networks for large-scale image recognition. *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 1–14.
- Tan, M., & Le, Q. V. (2021). EfficientNetV2: Smaller Models and Faster Training. *Proceedings of Machine Learning Research*, 139, 10096–10106.
- Tang, G., Ni, J., Zhao, Y., Gu, Y., & Cao, W. (2024). A Survey of Object Detection for UAVs Based on Deep Learning. *Remote Sensing*, 16(1), 1–29. <https://doi.org/10.3390/rs16010149>
- Tang, Z., Gao, Y., Karlinsky, L., Sattigeri, P., Feris, R., & Metaxas, D. (2020). OnlineAugment: Online Data Augmentation with Less Domain Knowledge. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 12352 LNCS, 313–329. https://doi.org/10.1007/978-3-030-58571-6_19
- Tee, C. A. T., Teoh, Y. X., Yee, P. L., Tan, B. C., & Lai, K. W. (2021). Discovering the Ganoderma Boninense Detection Methods Using Machine Learning: A Review of Manual, Laboratory, and Remote Approaches. *IEEE Access*, 9, 105776–105787. <https://doi.org/10.1109/ACCESS.2021.3098307>
- Tsouros, D. C., Bibi, S., & Sarigiannidis, P. G. (2019). A review on UAV-based applications for precision agriculture. *Information (Switzerland)*, 10(11). <https://doi.org/10.3390/info10110349>

- Uijlings, J. R. R., Van De Sande, K. E. A., Gevers, T., & Smeulders, A. W. M. (2013). Selective search for object recognition. *International Journal of Computer Vision*, 104(2), 154–171. <https://doi.org/10.1007/s11263-013-0620-0>
- Wahyu Krisdiarto, A., & Sutiarso, L. (2016). Study on Oil Palm Fresh Fruit Bunch Bruise in Harvesting and Transportation to Quality. *Makara Journal of Technology*, 20(2), 67. <https://doi.org/10.7454/mst.v20i2.3058>
- Wang, C.-Y., Bochkovskiy, A., & Liao, H.-Y. M. (2023). YOLOv7: Trainable Bag-of-Freebies Sets New State-of-the-Art for Real-Time Object Detectors. 7464–7475. <https://doi.org/10.1109/cvpr52729.2023.00721>
- Wang, C.-Y., Yeh, I.-H., & Liao, H.-Y. M. (2024). YOLOv9: Learning What You Want to Learn Using Programmable Gradient Information. <http://arxiv.org/abs/2402.13616>
- Wang, C., He, W., Nie, Y., Guo, J., Liu, C., Han, K., & Wang, Y. (2023). Gold-YOLO: Efficient Object Detector via Gather-and-Distribute Mechanism. *NeurIPS*. <http://arxiv.org/abs/2309.11331>
- Wang, C. Y., Mark Liao, H. Y., Wu, Y. H., Chen, P. Y., Hsieh, J. W., & Yeh, I. H. (2020). CSPNet: A new backbone that can enhance learning capability of CNN. *IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops*, 2020-June, 1571–1580. <https://doi.org/10.1109/CVPRW50498.2020.00203>
- Wang, C. Y., Yeh, I. H., & Liao, H. Y. M. (2023). You Only Learn One Representation: Unified Network for Multiple Tasks. *Journal of Information Science and Engineering*, 39(3), 691–709. [https://doi.org/10.6688/JISE.202305_39\(3\).0015](https://doi.org/10.6688/JISE.202305_39(3).0015)
- Wang, S., & Hao, X. (2024). YOLO-SK: A lightweight multiscale object detection algorithm. *Heliyon*, 10(2), e24143. <https://doi.org/10.1016/j.heliyon.2024.e24143>
- Wu, D., Liao, M. W., Zhang, W. T., Wang, X. G., Bai, X., Cheng, W. Q., & Liu, W. Y. (2022). YOLOP: You Only Look Once for Panoptic Driving Perception. *Machine Intelligence Research*, 19(6), 550–562. <https://doi.org/10.1007/s11633-022-1339-y>
- Xu, S., Wang, X., Lv, W., Chang, Q., Cui, C., Deng, K., Wang, G., Dang, Q., Wei, S., Du, Y., & Lai, B. (2022). PP-YOLOE: An evolved version of YOLO. 1–7. <http://arxiv.org/abs/2203.16250>
- Zhang, P., Zhong, Y., & Li, X. (2019). SlimYOLOv3: Narrower, faster and better for real-time UAV applications. *Proceedings - 2019 International Conference on Computer Vision Workshop, ICCVW 2019*, 37–45. <https://doi.org/10.1109/ICCVW.2019.00011>
- Zhang, S., Tuo, H., Hu, J., & Jing, Z. (2021). Domain Adaptive YOLO for One-Stage Cross-Domain Detection. *Proceedings of Machine Learning Research*, 157, 785–797.
- Zhang, X., Zeng, H., Guo, S., & Zhang, L. (n.d.). Efficient Long-Range Attention Network for Image Super-resolution. 1–20.
- Zhengxia Zou, Keyan Chen, Zhenwei Shi, Yuhong Guo, and J. Y. (2023). Object Detection 20 Years: A Survey. 22.
- Zhou, Y., Wen, S., Wang, D., Meng, J., Mu, J., & Irampaye, R. (2022). MobileYOLO: Real-Time Object Detection Algorithm in Autonomous Driving Scenarios. *Sensors*, 22(9), 1–16. <https://doi.org/10.3390/s22093349>