

DAFTAR PUSTAKA

- Afonso, M., Fonteijn, H., Fiorentin, F. S., Lensink, D., Mooij, M., Faber, N., Polder, G., & Wehrens, R. (2020). Tomato Fruit Detection and Counting in Greenhouses Using Deep Learning. *Frontiers in Plant Science*, 11. <https://doi.org/10.3389/fpls.2020.571299>
- Aluhariandu, V. E., Tariningsih, D., Fajar, D. P., & Lestari, K. (n.d.). *ANALISIS USAHATANI JERUK SIAM DAN FAKTOR ± FAKTOR YANG MEMEPENGARUHI PENERIMAAN PETANI (STUDI KASUS DI DESA BAYUNG GEDE KECAMATAN KINTAMANI KABUPATEN BANGLI)*.
- Bargoti, S., & Underwood, J. (2017). Deep Fruit Detection in Orchards. *2017 IEEE International Conference on Robotics and Automation (ICRA)*.
- Bazame, H. C., Molin, J. P., Althoff, D., & Martello, M. (2022). Detection of coffee fruits on tree branches using computer vision. *Scientia Agricola*, 80. <https://doi.org/10.1590/1678-992X-2022-0064>
- Biffi, L. J., Mitishita, E., Liesenberg, V., Dos Santos, A. A., Gonçalves, D. N., Estrabis, N. V., Silva, J. de A., Osco, L. P., Ramos, A. P. M., Centeno, J. A. S., Schimalski, M. B., Rufato, L., Neto, S. L. R., Junior, J. M., & Gonçalves, W. N. (2021). Article atss deep learning-based approach to detect apple fruits. *Remote Sensing*, 13(1), 1–23. <https://doi.org/10.3390/rs13010054>
- Bochkovskiy, A., Wang, C.-Y., & Liao, H.-Y. M. (2020). *YOLOv4: Optimal Speed and Accuracy of Object Detection*. <http://arxiv.org/abs/2004.10934>
- Bresilla, K., Perulli, G. D., Boini, A., Morandi, B., Corelli Grappadelli, L., & Manfrini, L. (2019). Single-shot convolution neural networks for real-time fruit detection within the tree. *Frontiers in Plant Science*, 10. <https://doi.org/10.3389/fpls.2019.00611>
- Carion, N., Massa, F., Synnaeve, G., Usunier, N., Kirillov, A., & Zagoruyko, S. (2020). *End-to-End Object Detection with Transformers*. <http://arxiv.org/abs/2005.12872>
- Chedella, S. K. (2017, May 17). *A quick grasp of Convolution Neural Networks (CNN) and its implementation on MNIST dataset*. Medium.Com. <https://medium.com/analytics-vidhya/a-quick-grasp-of-convolution-neural-networks-cnn-7a258bc9bfe6>
- Ding, X., Zhang, X., Ma, N., Han, J., Ding, G., & Sun, J. (2021). *RepVGG: Making VGG-style ConvNets Great Again*. <http://arxiv.org/abs/2101.03697>
- Dwi Payana, M., Ria, D., Tb, Y., Musliyana, Z., & Wibawa, M. B. (2022). DETEKSI MASKER WAJAH MENGGUNAKAN METODE

CONVOLUTIONAL NEURAL NETWORK (CNN) MENINGKATKAN NILAI AKURASI MELALUI ARSITEKTUR LAYER KONVOLUSI FACE MASK DETECTION USING CONVOLUTIONAL NEURAL NETWORK (CNN) METHOD TO INCREASE ACCURACY VALUE THROUGH CONVOLUTIONAL LAYER ARCHITECTURE. *Journal of Informatics and Computer Science*, 8(1).

Erhan, D., Szegedy, C., Toshev, A., & Anguelov, D. (2013). *Scalable Object Detection using Deep Neural Networks*. <http://arxiv.org/abs/1312.2249>

Everingham, M., Van Gool, L., Williams, C. K. I., Winn, J., & Zisserman, A. (n.d.). *The PASCAL Visual Object Classes Challenge 2010 (VOC2010) Results*. <http://www.pascal-network.org/challenges/VOC/voc2010/workshop/index.html>. Retrieved <http://www.pascal-network.org/challenges/VOC/voc2010/workshop/index.html>

Fu, L., Majeed, Y., Zhang, X., Karkee, M., & Zhang, Q. (2020). Faster R-CNN-based apple detection in dense-foliage fruiting-wall trees using RGB and depth features for robotic harvesting. *Biosystems Engineering*, 197, 245–256. <https://doi.org/10.1016/j.biosystemseng.2020.07.007>

Gao, F., Fu, L., Zhang, X., Majeed, Y., Li, R., Karkee, M., & Zhang, Q. (2020). Multi-class fruit-on-plant detection for apple in SNAP system using Faster R-CNN. *Computers and Electronics in Agriculture*, 176. <https://doi.org/10.1016/j.compag.2020.105634>

Girshick, R. (2015). *Fast R-CNN*. <http://arxiv.org/abs/1504.08083>

Girshick, R., Donahue, J., Darrell, T., & Malik, J. (2013). *Rich feature hierarchies for accurate object detection and semantic segmentation*. <http://arxiv.org/abs/1311.2524>

Habibi Aghdam, H., & Jahani Heravi, E. (2017). Convolutional Neural Networks. In *Guide to Convolutional Neural Networks* (pp. 85–130). Springer International Publishing. https://doi.org/10.1007/978-3-319-57550-6_3

Hariharan, B., Arbeláez, P., Girshick, R., & Malik, J. (2014). *Hypercolumns for Object Segmentation and Fine-grained Localization*. <http://arxiv.org/abs/1411.5752>

Hussain, M. (2023). YOLO-v1 to YOLO-v8, the Rise of YOLO and Its Complementary Nature toward Digital Manufacturing and Industrial Defect Detection. In *Machines* (Vol. 11, Number 7). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/machines11070677>

Ketkar, N., & Moolayil, J. (2021). Deep learning with python: Learn Best Practices of Deep Learning Models with PyTorch. In *Deep Learning with Python: Learn*

Best Practices of Deep Learning Models with PyTorch. Apress Media LLC.
<https://doi.org/10.1007/978-1-4842-5364-9>

Lee, C.-Y., Xie, S., Gallagher, P., Zhang, Z., & Tu, Z. (2014). *Deeply-Supervised Nets*. <http://arxiv.org/abs/1409.5185>

Lee, Y., Hwang, J., Lee, S., Bae, Y., & Park, J. (2019). *An Energy and GPU-Computation Efficient Backbone Network for Real-Time Object Detection*. <http://arxiv.org/abs/1904.09730>

Li, Z., Liu, F., Yang, W., Peng, S., & Zhou, J. (2022). A Survey of Convolutional Neural Networks: Analysis, Applications, and Prospects. *IEEE Transactions on Neural Networks and Learning Systems*, 33(12), 6999–7019.
<https://doi.org/10.1109/TNNLS.2021.3084827>

Lin, T.-Y., Maire, M., Belongie, S., Bourdev, L., Girshick, R., Hays, J., Perona, P., Ramanan, D., Zitnick, C. L., & Doll, P. (n.d.). *Microsoft COCO: Common Objects in Context*.

Liu, W., Anguelov, D., Erhan, D., Szegedy, C., Reed, S., Fu, C.-Y., & Berg, A. C. (2015). *SSD: Single Shot MultiBox Detector*. https://doi.org/10.1007/978-3-319-46448-0_2

Liu, W., Rabinovich, A., & Berg, A. C. (2015). *ParseNet: Looking Wider to See Better*. <http://arxiv.org/abs/1506.04579>

Liu, Z., Lin, Y., Cao, Y., Hu, H., Wei, Y., Zhang, Z., Lin, S., & Guo, B. (2021). *Swin Transformer: Hierarchical Vision Transformer using Shifted Windows*. <http://arxiv.org/abs/2103.14030>

Long, J., Shelhamer, E., & Darrell, T. (2014). *Fully Convolutional Networks for Semantic Segmentation*. <http://arxiv.org/abs/1411.4038>

Murtando, H., Sahiri, N., & Madauna, I. (2016). IDENTIFIKASI KARAKTER MORFOLOGI DAN ANATOMI TANAMAN JERUK LOKAL (Citrus Sp) DI DESA KARYA AGUNG DAN KARYA ABADI KECAMATAN TAOPA KABUPATEN PARIGI MOUTONG Morphology andAnatomy Character Identification on Local Citrus Crop (Citrus Sp) at The Village Karya Agung and Karya Abadi. *Agrotekbis*, 4(6), 642–649.

Nielsen, M. (2019). *Michael Nielsen - Neural Networks and Deep Learning*. <http://neuralnetworksanddeeplearning.com/index.html>

Niwattanakul, S., Singthongchai, J., Naenudorn, E., & Wanapu, S. (2013). *Using of Jaccard Coefficient for Keywords Similarity*.

O'Shea, K., & Nash, R. (2015). *An Introduction to Convolutional Neural Networks*. <http://arxiv.org/abs/1511.08458>

- Radosavovic, I., Kosaraju, R. P., Girshick, R., He, K., & Dollár, P. (2020). *Designing Network Design Spaces*. <http://arxiv.org/abs/2003.13678>
- 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>
- 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>
- Shah, D. (2022, March 7). *Mean Average Precision (mAP) Explained: Everything You Need to Know*.
- Simonyan, K., & Zisserman, A. (2014). *Very Deep Convolutional Networks for Large-Scale Image Recognition*. <http://arxiv.org/abs/1409.1556>
- Suriyani, L. de. (2020, October 11). *Petani Jeruk dan Kopi Kintamani Menyemangati Diri di Tengah Pandemi*.
- Szegedy, C., Liu, W., Jia, Y., Sermanet, P., Reed, S., Anguelov, D., Erhan, D., Vanhoucke, V., & Rabinovich, A. (2014). *Going Deeper with Convolutions*. <http://arxiv.org/abs/1409.4842>
- Szegedy, C., Reed, S., Erhan, D., Anguelov, D., & Ioffe, S. (2014). *Scalable, High-Quality Object Detection*. <http://arxiv.org/abs/1412.1441>
- Tan, M., & Le, Q. V. (2019). *EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks*. <http://arxiv.org/abs/1905.11946>
- TensorFlow. (2017, March 9). *A Neural Network Playground*. playground.tensorflow.org
- 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/s11263-013-0620-5>
- Wang, C.-Y., Bochkovskiy, A., & Liao, H.-Y. M. (2022). *YOLOv7: Trainable bag-of-freebies sets new state-of-the-art for real-time object detectors*.
- Wang, C.-Y., Liao, H.-Y. M., & Yeh, I.-H. (2022). *Designing Network Design Strategies Through Gradient Path Analysis*. <http://arxiv.org/abs/2211.04800>
- Warner, B., & Misra, M. (1996). Understanding Neural Networks as Statistical Tools. *American Statistician*, 50(4), 284–293. <https://doi.org/10.1080/00031305.1996.10473554>
- Wong, M. (2023). *Neural Networks with Python*. GitforGits.

Zeiler, M. D., & Fergus, R. (2013). *Visualizing and Understanding Convolutional Networks*. <http://arxiv.org/abs/1311.2901>

Zhang, A., Lipton, Z. C., Li, M. U., & Smola, A. J. (2023). *Dive into Deep Learning*.

Zhao, Q., Sheng, T., Wang, Y., Tang, Z., Chen, Y., Cai, L., & Ling, H. (2018). *M2Det: A Single-Shot Object Detector based on Multi-Level Feature Pyramid Network*. <http://arxiv.org/abs/1811.04533>

