

DAFTAR PUSTAKA

- A. Hande, S. dan R. Chopde, N., 2020. Implementation of Gesture Control Robotic Arm for Automation of Industrial Application. *International Journal of Scientific Research in Science and Technology*, 7(4), hal.147–156. <https://doi.org/10.32628/ijsrst207442>.
- A H. Reynolds, 2019. *Convolutional Neural Networks (CNNs)*. [daring] Tersedia pada: <<https://anhreynolds.com/blogs/cnn.html>> [Diakses 1 Februari 2023].
- Alvin, A., Shabrina, N.H., Ryo, A. dan Christian, E., 2021. Hand Gesture Detection for Sign Language using Neural Network with Mediapipe. *Ultima Computing : Jurnal Sistem Komputer*, 13(2), hal.57–62. <https://doi.org/10.31937/sk.v13i2.2109>.
- Alzubaidi, L., Zhang, J., Humaidi, A.J., Al-Dujaili, A., Duan, Y., Al-Shamma, O., Santamaría, J., Fadhel, M.A., Al-Amidie, M. dan Farhan, L., 2021. *Review of deep learning: concepts, CNN architectures, challenges, applications, future directions*. [daring] *Journal of Big Data*, Springer International Publishing. <https://doi.org/10.1186/s40537-021-00444-8>.
- Andwiyan, D., Frian, T. dan Aan, M., 2021. Sistem Penghitung Kendaraan Berbasis Computer Vision Terintegrasi Website dan API. *INCOMTECH*, 10(2), hal.23–28.
- Arrofiqoh, E.N. dan Harintaka, H., 2018. Implementasi Metode Convolutional Neural Network Untuk Klasifikasi Tanaman Pada Citra Resolusi Tinggi. *Geomatika*, 24(2), hal.61. <https://doi.org/10.24895/jig.2018.24-2.810>.
- Asri, M.A.M.M., Ahmad, Z., Mohtar, I.A. dan Ibrahim, S., 2019. A real time Malaysian sign language detection algorithm based on YOLOv3. *International Journal of Recent Technology and Engineering*, 8(2 Special Issue 11), hal.651–656. <https://doi.org/10.35940/ijrte.B1102.0982S1119>.
- Baek, T. dan Lee, Y.G., 2022. Traffic Control Hand Signal Recognition Using Convolution and Recurrent Neural Networks. *Journal of Computational Design and Engineering*, 9(2), hal.296–309. <https://doi.org/10.1093/jcde/qwab080>.
- Bochkovskiy, A., Wang, C.-Y. dan Liao, H.-Y.M., 2020. YOLOv4: Optimal Speed and Accuracy of Object Detection. [daring] Tersedia pada: <<http://arxiv.org/abs/2004.10934>>.
- Bose, R. dan Kumar, S., 2019. Hand gesture recognition using faster R-CNN inception v2 model. *ACM International Conference Proceeding Series*, hal.0–5. <https://doi.org/10.1145/3352593.3352613>.
- Chandra, N.S., Venu, T. dan Srikanth, P., 2015. A Real Time Static & Dynamic

- Hand Gesture Recognition System. *International Journal of Engineering Inventions*, [daring] 4(12), hal.93–98. Tersedia pada: <www.ijeijournal.com>.
- Chen, S.L. dan Huang, L.W., 2021. Using Deep Learning Technology to Realize the Automatic Control Program of Robot Arm Based on Hand Gesture Recognition. *International Journal of Engineering and Technology Innovation*, 11(4), hal.241–250. <https://doi.org/10.46604/IJETI.2021.7342>.
- Ferdian, H.A. dan Panji, A., 2020. *Wanita Ini Tularkan Virus Corona ke 71 Orang Lewat Tombol Lift, Kok Bisa?* [daring] Tersedia pada: <<https://kumparan.com/kumparansains/wanita-ini-tularkan-virus-corona-ke-71-orang-lewat-tombol-lift-kok-bisa-1tnsWaiRxdp>> [Diakses 14 April 2023].
- Hanafi, Y.U., 2020. Deteksi Penggunaan Helm Pada Pengendara Bermotor Berbasis Deep Learning. hal.1–94.
- Hasan, Y., 2020. Computer Vision : Identifikasi Umur Ikan Koi Berbasis Android. *MEANS (Media Informasi Analisa dan Sistem)*, 5(1), hal.77–81. <https://doi.org/10.54367/means.v5i1.754>.
- Hidayatullah, S., Setyawan, G.E. dan Akbar, S.R., 2018. Perancangan Perangkat Pengendali Navigasi AR Drone Quadcopter Berbasis Hand Gesture dengan Metode Complementary Filter. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer (J-PTIIK) Universitas Brawijaya*, 2(9), hal.3321–3327.
- Huu, P.N., Minh, Q.T. dan The, H.L., 2020. An ANN-based Gesture Recognition Algorithm for Smart-Home Applications. *KSII Transactions on Internet and Information Systems*, 14(5), hal.1967–1983. <https://doi.org/10.3837/tiis.2020.05.006>.
- Huu, P.N. dan Phung Ngoc, T., 2021. Hand Gesture Recognition Algorithm Using SVM and HOG Model for Control of Robotic System. *Journal of Robotics*, 2021, hal.1–13. <https://doi.org/10.1155/2021/3986497>.
- Jamshidi, M., Lalbakhsh, A., Talla, J., Peroutka, Z., Hadjilooei, F., Lalbakhsh, P., Jamshidi, M., Spada, L. La, Mirmozafari, M., Dehghani, M., Sabet, A., Roshani, S., Roshani, S., Bayat-Makou, N., Mohamadzade, B., Malek, Z., Jamshidi, A., Kiani, S., Hashemi-Dezaki, H. dan Mohyuddin, W., 2020. Artificial Intelligence and COVID-19: Deep Learning Approaches for Diagnosis and Treatment. *IEEE Access*, 8(December 2019), hal.109581–109595. <https://doi.org/10.1109/ACCESS.2020.3001973>.
- Jessar, H.F., Toto Wibowo, A. dan Rachmawati, E., 2021. Klasifikasi Genus Tanaman Sukulen Menggunakan Convolutional Neural Network. *Proceeding of Engineering*, 8(2), hal.3180–3195.
- Kurniati, K., 2021. Penerapan Metode Prototype Pada Perancangan Sistem Pengarsipan Dokumen Kantor Kecamatan Lais. *Journal of Software Engineering Ampera*, 2(1), hal.16–27. <https://doi.org/10.51519/journalsea.v2i1.89>.

- Le, S., Lei, Q., Wei, X., Zhong, J., Wang, Y., Zhou, J. dan Wang, W., 2021. Smart Elevator Cotrol System Based on Human Hand Gesture Recognition. *2021 6th International Conference on Advanced Computing & Communication Systems (ICACCS)*, hal.1378–1385. <https://doi.org/10.1109/ICCC51575.2020.9344869>.
- Liang, H., Wu, T., Zhang, Q. dan Zhou, H., 2022. Non-Maximum Suppression Performs Later in Multi-Object Tracking. *Applied Sciences (Switzerland)*, 12(7). <https://doi.org/10.3390/app12073334>.
- Lohia, A., Dhananjay Kadam, K., Raghvendra Joshi, R. dan Bongale, D.A.M., 2021. DigitalCommons @ University of Nebraska - Lincoln Bibliometric Analysis of One-stage and Two-stage Object Detection Bibliometric Analysis of One-stage and Two-stage Object Detection. (February).
- Nada, M., 2019. *Penerapan Deep Learning Menggunakan Convolutional Neural Network (CNN)*. [daring] Tersedia pada: <<https://medium.com/@mukhlishatunnada02/penerapan-deep-learning-menggunakan-convolutional-neural-network-cnn-d02dc6532f5b>> [Diakses 31 Januari 2023].
- Nazilly, M.L., Rahmat, B. dan Puspaningrum, E.Y., 2020. Implementasi Algoritma Yolo (You Only Look Once) Untuk Deteksi Api. *Jurnal Informatika dan Sistem Informasi*, 1(1), hal.81–91.
- Nugraha, B., Yudistiro, Y., Astuti, D.W. dan Budiyanto, S., 2015. Perancangan Dan Pengujian Miniatur Lift Berbasis Arduino Dengan Menggunakan Rfid Sebagai Sistem Identifikasi Lantai. *Sinergi*, 19(3), hal.211. <https://doi.org/10.22441/sinergi.2015.3.008>.
- Nugroho, P.A., Fenriana, I. dan Arijanto, R., 2020. Implementasi Deep Learning Menggunakan Convolutional Neural Network (Cnn) Pada Ekspresi Manusia. *Algor*, 2(1), hal.12–21.
- Nurhadiati, H., Elektro, F.T., Telkom, U., Wibowo, S.A., Elektro, F.T., Telkom, U., Pratondo, A., Elektro, F.T., Telkom, U., Detection, O., Driving, A., Size, N., Driving, A.A., Cloud, B.P. dan Pendahuluan, I., 2022. Analisis Performansi Deteksi Objek Pada Metode Complex YOLOv4 Untuk Autonomous Driving. *e-Proceeding of Engineering*, 8(6), hal.2753–2758.
- Oudah, M., Al-Naji, A. dan Chahl, J., 2020. Hand Gesture Recognition Based on Computer Vision: A Review of Techniques. *Journal of Imaging*, 6(8). <https://doi.org/10.3390/JIMAGING6080073>.
- Pardede, J. dan Hardiansah, H., 2022. Deteksi Objek Kereta Api menggunakan Metode Faster R-CNN dengan Arsitektur VGG 16. *MIND Journal*, 7(1), hal.21–36. <https://doi.org/10.26760/mindjournal.v7i1.21-36>.
- Perdana, A.W. dan Sirait, F., 2019. Rancang Bangun Alat Transportasi Vertikal Menggunakan Atmega328. *Jurnal Teknologi Elektro*, 10(1), hal.9. <https://doi.org/10.22441/jte.v10i1.002>.

- Redmon, J., Divvala, S., Girshick, R. dan 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, hal.779–788. <https://doi.org/10.1109/CVPR.2016.91>.
- Sanjaya, J. dan Ayub, M., 2020. Augmentasi Data Pengenalan Citra Mobil Menggunakan Pendekatan Random Crop, Rotate, dan Mixup. *Jurnal Teknik Informatika dan Sistem Informasi*, 6(2), hal.311–323. <https://doi.org/10.28932/jutisi.v6i2.2688>.
- Santoso, A. dan Ariyanto, G., 2018. Implementasi Deep Learning Berbasis Keras Untuk Pengenalan Wajah. *Emitor: Jurnal Teknik Elektro*, 18(01), hal.15–21. <https://doi.org/10.23917/emitor.v18i01.6235>.
- Sharma, R.P. dan Verma, G.K., 2015. Human Computer Interaction using Hand Gesture. *Procedia Computer Science*, [daring] 54, hal.721–727. <https://doi.org/10.1016/j.procs.2015.06.085>.
- Sharma dan Rengarajan, 2020. Hand Gesture Recognition Using OpenCv and Python. *New Trends in Computational Vision and Bio-Inspired Computing - Selected Works Presented at the ICCVBIC 2018*, 5(2), hal.1711–1719. https://doi.org/10.1007/978-3-030-41862-5_174.
- Sharma, S. dan Singh, S., 2021. Vision-based hand gesture recognition using deep learning for the interpretation of sign language. *Expert Systems with Applications*, [daring] 182(June), hal.115657. <https://doi.org/10.1016/j.eswa.2021.115657>.
- Su, M.C., Chen, J.H., Arifai, A.M., Tsai, S.Y. dan Wei, H.H., 2021. Smart Living: An Interactive Control System for Household Appliances. *IEEE Access*, 9, hal.14897–14904. <https://doi.org/10.1109/ACCESS.2021.3051253>.
- Sunyoto, A. dan Harjoko, A., 2014. Review Teknik, Teknologi, Metodologi dan Implementasi Pengenalan Gestur Tangan Berbasis Visi. *Seminar Nasional Aplikasi Teknologi Informasi (SNATI)*, [daring] hal.H-7. Tersedia pada: <<http://jurnal.uii.ac.id/Snati/article/view/3290>>.
- Taban, D.A., Al-Zuky, A., Al-Saleh, A.H., Mohamad, H.J. dan Daway, H.G., 2020. ON/OFF Switch Control of Smart Home Prototype Using Palm and Fist Hand Gesture. *AIP Conference Proceedings*, 2290(December). <https://doi.org/10.1063/5.0027540>.
- Tanmaie, U. dan Rao, C.S., 2020. Hand Posture Detection and Classification using You Only Look Once (YOLO v2) Object Detector. *JAC: A Journal of Composition Theory*, 13(8), hal.101–106.
- Tarvekar, M.P., 2019. Hand Gesture Recognition System for Touch-Less Car Interface Using Multiclass Support Vector Machine. *Proceedings of the 2nd International Conference on Intelligent Computing and Control Systems, ICICCS 2018*, (Iciccs), hal.1929–1932.

<https://doi.org/10.1109/ICCONS.2018.8663003>.

- Wang, S., Zhao, J., Ta, N., Zhao, X., Xiao, M. dan Wei, H., 2021. A real-time deep learning forest fire monitoring algorithm based on an improved Pruned + KD model. *Journal of Real-Time Image Processing*, 18(6), hal.2319–2329. <https://doi.org/10.1007/s11554-021-01124-9>.
- Yuliany, S., Aradea dan Nur Rachman, A., 2022. Implementasi Deep Learning pada Sistem Klasifikasi Hama Tanaman Padi Menggunakan Metode Convolutional Neural Network (CNN). *Jurnal Buana Informatika*, 13(1), hal.54–65.
- Yunita, H. dan Setyati, E., 2019. Hand Gesture Recognition Sebagai Pengganti Mouse Komputer Menggunakan Kamera. *Jurnal ELTIKOM*, 3(2), hal.64–76. <https://doi.org/10.31961/eltikom.v3i2.114>.
- Zheng, Z., 2022. Gesture recognition real-time control system based on YOLOV4. *Journal of Physics: Conference Series*, 2196(1). <https://doi.org/10.1088/1742-6596/2196/1/012026>.
- Zou, Z., Chen, K., Shi, Z., Guo, Y. dan Ye, J., 2023. Object Detection in 20 Years: A Survey. *Proceedings of the IEEE*, 111(3), hal.257–276. <https://doi.org/10.1109/JPROC.2023.3238524>.