

DAFTAR PUSTAKA

- Achmad, Y., Wihandika, R. C., & Dewi, C. (2019). Klasifikasi emosi berdasarkan ciri wajah menggunakan convolutional neural network. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(11), 10595–10604.
- Alya, R. F., Wibowo, M., & Paradise, P. (2023). Classification of Batik Motif Using Transfer Learning on Convolutional Neural Network (Cnn). *Jurnal Teknik Informatika (Jutif)*, 4(1), 161–170. <https://doi.org/10.52436/1.jutif.2023.4.1.564>
- Al-Shannaq, A., & Elrefaei, L. (2020). Age estimation using specific domain transfer learning. *Jordanian Journal of Computers and Information Technology*, 6(2), 122–139. <https://doi.org/10.5455/jjcit.71-1571410322>
- Aryawan, I. P. A., Purnama, I. N., & Fredlina, K. Q. (2023). Analisis Perbandingan Algoritma Cnn Dan Svm Pada Klasifikasi Ekspresi Wajah. *Jurnal Teknologi Informasi Dan Komputer*, 9, 399–408.
- Astuti, D. L. Z., & Samsuryadi. (2018). Kajian Pengenalan Ekspresi Wajah menggunakan Metode PCA dan CNN. *Annual Research Seminar (ARS) Fakultas Ilmu Komputer*, 4(1), 293–297.
- A. Rahim, A. M., Ingrid Yanuar Risca Pratiwi, & Muhammad Ainul Fikri. (2023). Klasifikasi Penyakit Jantung Menggunakan Metode Synthetic Minority Over-Sampling Technique Dan Random Forest Clasifier. *Indonesian Journal of Computer Science*, 12(5), 2995–3011. <https://doi.org/10.33022/ijcs.v12i5.3413>
- Chen, H., & Haoyu, C. (2019). Face Recognition Algorithm Based on VGG Network Model and SVM. *Journal of Physics: Conference Series*, 1229(1). <https://doi.org/10.1088/1742-6596/1229/1/012015>
- Dagher, I., Dahdah, E., & Al Shakik, M. (2019). Facial expression recognition using three-stage support vector machines. *Visual Computing for Industry, Biomedicine, and Art*, 2(1), 0–8. <https://doi.org/10.1186/s42492-019-0034-5>
- Dwi Putro, A., & Tantyoko, H. (2023). Hybrid Algoritma Vgg16-Net Dengan Support Vector Machine Untuk Klasifikasi Jenis Buah dan sayuran. *JTIM: Jurnal Teknologi Informasi Dan Multimedia*, 5(2), 56–65. <https://doi.org/10.35746/jtim.v5i2.335>
- El Khiyari, H., & Wechsler, H. (2016). Face Recognition across Time Lapse Using Convolutional Neural Networks. *Journal of Information Security*, 07(03), 141–151. <https://doi.org/10.4236/jis.2016.73010>
- Faizin, A., Tri Arsanto, A., Moch. Lutfi, & Rochim Musa, A. (2022). Deep Pre-Trained Model Menggunakan Arsitektur Densenet Untuk Identifikasi Penyakit Daun Padi. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 6(2), 615–621. <https://doi.org/10.36040/jati.v6i2.5475>
- Frith, C. (2009). Role of facial expressions in social interactions. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 364(1535), 3453–3458. <https://doi.org/10.1098/rstb.2009.0142>
- Georgescu, M. I., Ionescu, R. T., & Popescu, M. (2019). Local learning with deep and handcrafted features for facial expression recognition. *IEEE Access*, 7, 64827–64836. <https://doi.org/10.1109/ACCESS.2019.2917266>

- González-Lozoya, S. M., de la Calleja, J., Pellegrin, L., Escalante, H. J., Medina, M. A., & Benitez-Ruiz, A. (2020). Recognition of facial expressions based on CNN features. *Multimedia Tools and Applications*, 79(19–20), 13987–14007. <https://doi.org/10.1007/s11042-020-08681-4>
- Jericho, J., & Yohannes, Y. (2023). Klasifikasi Kinship Keluarga Hollywood Dengan Metode Visual Geometry Group-Support Vector Machine. *MDP Student Conference*, 2(1), 120–127. <https://doi.org/10.35957/mdp-sc.v2i1.4310>
- Jin, B., Cruz, L., & Goncalves, N. (2020). Deep Facial Diagnosis: Deep Transfer Learning from Face Recognition to Facial Diagnosis. *IEEE Access*, 8, 123649–123661. <https://doi.org/10.1109/ACCESS.2020.3005687>
- Kollias, D. (2023). Multi-Label Compound Expression Recognition: C-EXPR Database & Network. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 2023-June, 5589–5598. <https://doi.org/10.1109/CVPR52729.2023.00541>
- Kumov, V., & Samorodov, A. (2020). Recognition of Genetic Diseases Based on Combined Feature Extraction from 2D Face Images. *Conference of Open Innovation Association, FRUCT, 2020-April*, 240–246. <https://doi.org/10.23919/FRUCT48808.2020.9087456>
- Krizhevsky, A., Sutskever, I. & Hinton, G. E., 2012. ImageNet Classification with Deep Convolutional Neural Networks. *Advances in Neural Information Processing Svstems (NIPS)*, pp. 1-9.
- Li, S., Deng, W., & Du, J. P. (2017). Reliable crowdsourcing and deep locality-preserving learning for expression recognition in the wild. *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017, 2017-Janua*, 2584–2593. <https://doi.org/10.1109/CVPR.2017.277>
- Naufal, M. F., Kusuma, S. F., Tanus, K. C., Sukiwun, R. V., Kristiano, J., Lieyanto, J. O., & R., D. C. (2021). Analisis Perbandingan Algoritma Klasifikasi Citra Chest X-ray Untuk Deteksi Covid-19. *Teknika*, 10(2), 96–103. <https://doi.org/10.34148/teknika.v10i2.331>
- Prajapati, G. L., & Patle, A. (2010, November). On performing classification using SVM with radial basis and Polynomial kernel functions. In *2010 3rd International Conference on Emerging Trends in Engineering and Teclmology* (pp. 512-515). IEE.
- Premanand, 2023. The A-Z guide to Support Vector Machine. [online] Tersedia di:<www.analyticsvidhya.com/blog/2021/06/support-vector-machine-better-understanding/> [Diakses 25 Juni 2024]
- Rizky, A., & Budi, T.A. (2018). *Pengenalan Wajah dengan Menggunakan Algoritma Local Gaussian Structural Pattern dan Support Vector Machine. Facial Recognition using Local Gaussian Structural Pattern Algorithm dan Support Vector Machine.*
- Romario. M. H., Isanto. E.. & Kadarina, T. M. (2020) Sistem Hitung dan Klasifikasi Objek dengan Metode Convolutional Neural Network. *Jurnal Teknologi Elektro*, 11(2), 108 <https://doi.org/10.22441/jte.2020.v11i2.007>
- Singh, A., & Kisku, D. R. (2018). Detection of Rare Genetic Diseases using Facial 2D Images with Transfer Learning. *Proceedings of the 2018 8th International Symposium on Embedded Computing and System Design, ISED 2018*, 26–30. <https://doi.org/10.1109/ISED.2018.8703997>

- Suartika E. P, I Wayan, Wijaya Arya Yudhi, S. R. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) Pada Caltech 101. *Jurnal Teknik ITS*, 5(1), 76. <http://repository.its.ac.id/48842/>
- Sudianto, S. (2022). Analisis Kinerja Algoritma Machine Learning Untuk Klasifikasi Emosi. *Building of Informatics, Technology and Science (BITS)*, 4(2), 1027–1034. <https://doi.org/10.47065/bits.v4i2.2261>
- Takalkar, M. A., Xu, M., & Chaczko, Z. (2020). Manifold feature integration for micro-expression recognition. *Multimedia Systems*, 26(5), 535–551. <https://doi.org/10.1007/s00530-020-00663-8>
- Uchoa, V., Aires, K., Veras, R., Paiva, A., & Britto, L. (2020). Data Augmentation for Face Recognition with CNN Transfer Learning. *International Conference on Systems, Signals, and Image Processing, 2020-July*, 143–148. <https://doi.org/10.1109/IWSSIP48289.2020.9145453>
- Warongan, T. S., Sompie, S. R. U. A., & Jacobus, A. (2018). Penerapan Metode Content-Based Image Retrieval untuk Pengenalan Jenis Bunga. *Jurnal Teknik Informatika*, 13(3), 1–5. <https://ejournal.unsrat.ac.id/index.php/informatika/article/view/28070/27542>
- Xia, Y., Yu, H., Member, S., Wang, X., Jian, M., & Wang, F. (n.d.). *Relation-Aware Facial Expression Recognition*.
- Xie, Y., Tian, W., & Ma, T. (2020). A Transfer Learning Approach to Compound Facial Expression Recognition. *ACM International Conference Proceeding Series, Part F169255*, 95–101. <https://doi.org/10.1145/3441250.3441263>
- Yu, Hwanjo & Kim, Sungchul. (2012). SVM Tutorial: Classification, Regression, and Ranking. *Handbook of Natural Computing*. 10.1007/978-3-540-92910-9_15.
- Zebari, G. M., Zebari, D. A., Zeebaree, D. Q., Haron, H., Abdulazeez, A. M., & Yurtkan, K. (2021). Efficient CNN Approach for Facial Expression Recognition. *Journal of Physics: Conference Series*, 2129(1). <https://doi.org/10.1088/1742-6596/2129/1/012083>
- Zhao, Y., & Xu, J. (2019). A convolutional neural network for compound micro-expression recognition. *Sensors (Switzerland)*, 19(24). <https://doi.org/10.3390/s19245553>