

DAFTAR PUSTAKA

- Abbasi, M. M., & Beltiukov, A. (2019). *Summarizing Emotions from Text Using Plutchik's Wheel of Emotions*.
- Astuti, D. L. Z., & Samsuryadi, S. (2019). *Kajian Pengenalan Ekspresi Wajah menggunakan Metode PCA dan CNN*. <https://api.semanticscholar.org/CorpusID:198051354>
- Badillo, S., Banfai, B., Birzele, F., Davydov, I. I., Hutchinson, L., Kam-Thong, T., Siebourg-Polster, J., Steiert, B., & Zhang, J. D. (2020). *An Introduction to Machine Learning. Clinical Pharmacology & Therapeutics*, 107(4), 871–885. <https://doi.org/10.1002/cpt.1796>
- Bhatt, A., Kant, R., Luthra, M., Jindal, S., Gudipalli, T. L., Jain, V., & Meenu. (2024). *Quantum-inspired vortex search algorithm with deep neural networks for multi-pose facial expression recognition. International Journal of Modern Physics C*. <https://doi.org/10.1142/S0129183124501535>
- Bloice, M. D., Stocker, C., & Holzinger, A. (2017). *Augmentor: An Image Augmentation Library for Machine Learning*. <http://arxiv.org/abs/1708.04680>
- Cervantes, J., Garcia-Lamont, F., Rodríguez-Mazahua, L., & Lopez, A. (2020). *A comprehensive survey on support vector machine classification: Applications, challenges and trends. Neurocomputing*, 408, 189–215. <https://doi.org/10.1016/j.neucom.2019.10.118>
- Dadi, H. S., & Pillutla, G. K. M. (2016). *Improved Face Recognition Rate Using HOG Features and SVM Classifier. IOSR Journal of Electronics and Communication Engineering*, 11(04), 34–44. <https://doi.org/10.9790/2834-1104013444>
- Davou, B. (2007). *Interaction of emotion and cognition in the processing of textual material. Meta*, 52(1), 37–47. <https://doi.org/10.7202/014718ar>
- Demir, K., & Yaman, O. (2024). *A HOG Feature Extractor and KNN-Based Method for Underwater Image Classification. Firat University Journal of Experimental and Computational Engineering*, 3(1), 1–10. <https://doi.org/10.62520/fujece.1443818>
- Farooq, O., Shahid, M., Arshad, S., Altaf, A., Iqbal, F., Vera, Y. A. M., Flores, M. A. L., & Ashraf, I. (2024). *An enhanced approach for predicting air pollution using quantum support vector machine. Scientific Reports*, 14(1). <https://doi.org/10.1038/s41598-024-69663-2>
- Girard, J. M., Shandar, G., Liu, Z., Cohn, J. F., Yin, L., & Morency, L.-P. (2019). *Reconsidering the Duchenne Smile: Indicator of Positive Emotion or Artifact of Smile Intensity? 2019 8th International Conference on Affective Computing and Intelligent Interaction (ACII)*, 594–599. <https://doi.org/10.1109/ACII.2019.8925535>
- Golchha, R., & Verma, G. K. (2023). *Quantum-Enhanced Support Vector Classifier for Image Classification. 2023 IEEE 8th International Conference for Convergence in Technology (I2CT)*, 1–6. <https://doi.org/10.1109/I2CT57861.2023.10126421>
- Grandini, M., Bagli, E., & Visani, G. (2020). *Metrics for Multi-Class Classification: an Overview*. <http://arxiv.org/abs/2008.05756>

- Ibrahim, Y., Okafor, E., & Yahaya, B. (2021). *Optimization of RBF-SVM hyperparameters using genetic algorithm for face recognit. Nigerian Journal of Technology*, 39(4), 1190–1197. <https://doi.org/10.4314/njt.v39i4.27>
- Jammalamadaka, S., & Cherukuri, A. K. (2024). *Insights into Quantum Support Vector Machine*. <https://doi.org/10.21203/rs.3.rs-4465421/v1>
- Keltner, D., & Cordaro, D. (2017). *The Science of Facial Expression*. 1. <https://doi.org/10.1093/acprof:oso/9780190613501.001.0001>
- Li, S., & Deng, W. (2019). *Reliable crowdsourcing and deep locality-preserving learning for unconstrained facial expression recognition. IEEE Transactions on Image Processing*, 28(1), 356–370. <https://doi.org/10.1109/TIP.2018.2868382>
- Liu, Z., Li, S., & Deng, W. (2016). *Recognizing Compound Emotional Expression in Real-World Using Metric Learning Method*. In Z. You, J. Zhou, Y. Wang, Z. Sun, S. Shan, W. Zheng, J. Feng, & Q. Zhao (Eds.), *Biometric Recognition* (Vol. 9967). Springer International Publishing. <https://doi.org/10.1007/978-3-319-46654-5>
- Mahesh, B. (2020). *Machine Learning Algorithms - A Review. International Journal of Science and Research (IJSR)*, 9(1), 381–386. <https://doi.org/10.21275/art20203995>
- Maouaki, W. El, Said, T., & Bennai, M. (2024). *Quantum Support Vector Machine for Prostate Cancer Detection: A Performance Analysis*. <http://arxiv.org/abs/2403.07856>
- Marengo, A. (2024). *Compound Facial Expression Recognition Based on MobileNet with Data Augmentation. Machine Intelligence Research*, 18(1), 640–671. <https://machineintelligenceresearchs.com/index.php/MIR/article/view/55>
- Nugroho, A. S., Witarto, A. B., & Handoko, D. (2003). *Support Vector Machine-Teori dan Aplikasinya dalam Bioinformatika 1*. <http://asnugroho.net>
- Pal, S., Mukhopadhyay, S., & Suryadevara, N. (2021). *Development and progress in sensors and technologies for human emotion recognition*. In *Sensors* (Vol. 21, Issue 16). MDPI AG. <https://doi.org/10.3390/s21165554>
- Rajaa, S., Harrabi, R., & Ben Chaabane, S. (2021). *Facial Expression Recognition System Based on SVM and HOG Techniques. International Journal of Image Processing (IJIP)*, 15(2), 14–21.
- Randa, A. F., Suciati, N., & Navastara, D. A. (2016). *Implementasi Metode Kombinasi Histogram Of Oriented Gradients Dan Hierarchical Centroid Untuk Sketch Based Image Retrieval. JURNAL TEKNIK ITS*, 5(2).
- Sathya, T., & Sudha, S. (2023). *OQCNN: optimal quantum convolutional neural network for classification of facial expression. Neural Computing and Applications*, 35(12), 9017–9033. <https://doi.org/10.1007/s00521-022-08161-w>
- Shorten, C., & Khoshgoftaar, T. M. (2019). *A survey on Image Data Augmentation for Deep Learning. Journal of Big Data*, 6(1), 60. <https://doi.org/10.1186/s40537-019-0197-0>
- Singh, D. (2012). *Human Emotion Recognition System. International Journal of Image, Graphics and Signal Processing*, 4(8), 50–56. <https://doi.org/10.5815/ijigsp.2012.08.07>
- Singh, G., Singh, M., Kumar, Y., & Kaur, M. (2022). *Implementation of Quantum Support Vector Machine Algorithm Using a Benchmarking Dataset*. In *Article in Indian Journal*

- of Pure & Applied Physics* (Vol. 60).
<https://www.researchgate.net/publication/360485582>
- Singh, J., Ali, F., Shah, B., Bhangu, K. S., & Kwak, D. (2022). *Emotion Quantification Using Variational Quantum State Fidelity Estimation*. *IEEE Access*, 10, 115108–115119. <https://doi.org/10.1109/ACCESS.2022.3216890>
- Slimani, K., Lekdioui, K., Messoussi, R., & Touahni, R. (2019). *Compound Facial Expression Recognition Based on Highway CNN*. *Proceedings of the New Challenges in Data Sciences: Acts of the Second Conference of the Moroccan Classification Society*, 1–7. <https://doi.org/10.1145/3314074.3314075>
- Slimani, K., Ruichek, Y., & Messoussi, R. (2022). *Compound Facial Emotional Expression Recognition using CNN Deep Features*. *Engineering Letters*, 30(4), 1402–1416. <https://www.researchgate.net/publication/365769247>
- Ullah, S., & Tian, W. (2020). *A Systematic Literature Review of Recognition of Compound Facial Expression of Emotions*. *ACM International Conference Proceeding Series, PartF168342*, 116–121. <https://doi.org/10.1145/3447450.3447469>
- Xie, H.-X., Lo, L., Shuai, H.-H., & Cheng, W.-H. (2020). *An Overview of Facial Micro-Expression Analysis: Data, Methodology and Challenge*. <http://arxiv.org/abs/2012.11307>
- Xie, Y., Tian, W., & Ma, T. (2020). *A Transfer Learning Approach to Compound Facial Expression Recognition*. *ACM International Conference Proceeding Series, PartF169255*, 95–101. <https://doi.org/10.1145/3441250.3441263>
- Yin, T. (2024). *Quantum support vector machines: theory and applications*. *Theoretical and Natural Science*, 51(1), 34–42. <https://doi.org/10.54254/2753-8818/51/2024CH0158>
- Zeguendry, A., Jarir, Z., & Quafafou, M. (2023). *Quantum Machine Learning: A Review and Case Studies*. In *Entropy* (Vol. 25, Issue 2). MDPI. <https://doi.org/10.3390/e25020287>