















- Systems, Signals and Image Processing (IWSSIP)*, 2023, pp. 1–5. doi:10.1109/IWSSIP58668.2023.10180250.
- [7] M. M. Zarachoff, A. Sheikh-Akbari, and D. Monekosso, “Multi-band PCA based ear recognition technique,” *Multimedia Tools and Applications*, vol. 82, no. 2, pp. 2077–2099, Jun. 2022, doi:10.1007/s11042-022-12905-0.
- [8] J. Jayabharathi, S. Devi, B. Krishnan, R. Samuel, M. I. Anees, and R. Jegadeesan, “Human Ear Identification System Using Shape and structural feature based on SIFT and ANN Classifier,” 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT), Mar. 2022, doi:10.1109/ic3iot53935.2022.9767893.
- [9] R. Mehta, A. Sheikh-Akbari, and K. K. Singh, “A Noble Approach to 2D Ear Recognition System using Hybrid Transfer Learning,” 2023 12th Mediterranean Conference on Embedded Computing (MECO), Jun. 2023, doi: 10.1109/meco58584.2023.10154993.
- [10] M. Sharkas, “Ear recognition with ensemble classifiers; A deep learning approach,” *Multimedia Tools and Applications*, vol. 81, no. 30, pp. 43919–43945, May 2022, doi: 10.1007/s11042-022-13252-w.
- [11] R. Ahila Priyadharshini, S. Arivazhagan, and M. Arun, “A deep learning approach for person identification using ear biometrics,” *Applied Intelligence*, vol. 51, no. 4, pp. 2161–2172, Oct. 2020, doi:10.1007/s10489-020-01995-8.
- [12] Y. Lei, J. Qian, D. Pan, and T. Xu, “Research on Small Sample Dynamic Human Ear Recognition Based on Deep Learning,” *Sensors*, vol. 22, no. 5, p. 1718, Feb. 2022, doi: 10.3390/s22051718.
- [13] R. Mehta, A. Sheikh-Akbari, and K. K. Singh, “A Noble Approach to 2D Ear Recognition System using Hybrid Transfer Learning,” 2023 12th Mediterranean Conference on Embedded Computing (MECO), Jun. 2023, doi: 10.1109/meco58584.2023.10154993.
- [14] D. Fitousi, N. Rotschild, C. Pnini, and O. Azizi, “Understanding the Impact of Face Masks on the Processing of Facial Identity, Emotion, Age, and Gender,” *Frontiers in Psychology*, vol. 12, Nov. 2021, doi:10.3389/fpsyg.2021.743793.
- [15] D. Maltoni, D. Maio, A. K. Jain, and J. Feng, *Handbook of Fingerprint Recognition*. Springer International Publishing, 2022. doi:10.1007/978-3-030-83624-5.
- [16] J. Patmanee, S. Kanprachar, and K. Chamnongthai, “Effects of Preprocessing in Person Identification Using Ear Features,” 2021 25th International Computer Science and Engineering Conference (ICSEC), Nov. 2021, doi: 10.1109/icsec53205.2021.9684602.
- [17] K. He, X. Zhang, S. Ren, and J. Sun, “Deep Residual Learning for Image Recognition,” 2015, Accessed: Dec. 26, 2022. [Online]. Available: <http://image-net.org/challenges/LSVRC/2015/>
- [18] K. Simonyan and A. Zisserman, “Very Deep Convolutional Networks For Large-Scale Image Recognition,” 2015, Accessed: May 29, 2023. [Online]. Available: <http://www.robots.ox.ac.uk/>
- [19] M. Tan and Q. V Le, “EfficientNet: Rethinking Model Scaling for Convolutional Neural Networks,” in *Proceedings of the 36th International Conference on Machine Learning*, vol. 97, pp. 6105–6114, 2019, doi: 10.48550/arXiv.1905.11946.
- [20] S. Mhadgut, “Masked Face Detection and Recognition System in Real Time using YOLOv3 to combat COVID-19,” 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), Jul. 2021, doi:10.1109/icccnt51525.2021.9579525.
- [21] J. S. Talahua, J. Buele, P. Calvopiña, and J. Varela-Aldás, “Facial Recognition System for People with and without Face Mask in Times of the COVID-19 Pandemic,” *Sustainability*, vol. 13, no. 12, p. 6900, Jun. 2021, doi: 10.3390/su13126900.
- [22] S. Dharanesh and A. Rattani, “Post-COVID-19 Mask-Aware Face Recognition System,” 2021 IEEE International Symposium on Technologies for Homeland Security (HST), Nov. 2021, doi:10.1109/hst53381.2021.9619841.
- [23] D. Min, S. Anandamurugan, K. Mohanasundaram, P. Pandiyan, R. Thangaraj, and V. K. Kaliappan, “Real-time face mask position recognition system using YOLO models for preventing COVID-19 disease spread in public places,” *International Journal of Ad Hoc and Ubiquitous Computing*, vol. 42, no. 2, p. 73, 2023, doi:10.1504/ijahuc.2023.10053539.
- [24] A. Balmik, A. Kumar, and A. Nandy, “Efficient Face Recognition System for Education Sectors in COVID-19 Pandemic,” 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), Jul. 2021, doi:10.1109/icccnt51525.2021.9579523.
- [25] L. Yuningsih, G. A. Pradipta, D. P. Hostadi, R. R. Huizen, and P. D. W. Ayu, “Ear Feature Extraction Methods - A Review,” 2022 4th International Conference on Cybernetics and Intelligent System (ICORIS), Oct. 2022, doi: 10.1109/icoris56080.2022.10031264.
- [26] R. D. Balangue, C. D. M. Padilla, N. B. Linsangan, J. P. T. Cruz, R. A. Juanatas, and I. C. Juanatas, “Ear Recognition for Ear Biometrics Using Integrated Image Processing Techniques via Raspberry Pi,” 2022 IEEE 14th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management (HNICEM), Dec. 2022, doi:10.1109/hnicem57413.2022.10109479.
- [27] A. Krizhevsky, I. Sutskever, and G. E. Hinton, “ImageNet Classification with Deep Convolutional Neural Networks”, Accessed: Sep. 03, 2023. [Online]. Available: <http://code.google.com/p/cuda-convnet/>
- [28] H. Alshazly, C. Linse, E. Barth, S. A. Idris, and T. Martinetz, “Towards Explainable Ear Recognition Systems Using Deep Residual Networks,” *IEEE Access*, vol. 9, pp. 122254–122273, 2021, doi:10.1109/access.2021.3109441.
- [29] M. Sharkas, “Ear recognition with ensemble classifiers; A deep learning approach,” *Multimedia Tools and Applications*, vol. 81, no. 30, pp. 43919–43945, May 2022, doi: 10.1007/s11042-022-13252-w.
- [30] Z. Wang, X. Gao, J. Yang, Q. Yan, and Y. Zhang, “Local feature fusion and SRC-based decision fusion for ear recognition,” *Multimedia Systems*, vol. 28, no. 3, pp. 1117–1134, Mar. 2022, doi:10.1007/s00530-022-00906-w.
- [31] L. Tian and Z. Mu, “Ear recognition based on deep convolutional network,” 2016 9th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI), Oct. 2016, doi: 10.1109/cisp-bmei.2016.7852751.
- [32] M. Sultana, P. P. Paul, and M. Gavrilova, “A Novel Index-Based Rank Fusion Method for Occluded Ear Recognition,” 2015 International Conference on Cyberworlds (CW), Oct. 2015, doi:10.1109/cw.2015.30.
- [33] A. Kumar and C. Wu, “Automated human identification using ear imaging,” *Pattern Recognition*, vol. 45, no. 3, pp. 956–968, Mar. 2012, doi: 10.1016/j.patcog.2011.06.005.
- [34] S. Ramos-Cooper and G. Camara-Chavez, “Ear Recognition In The Wild with Convolutional Neural Networks,” 2021 XLVII Latin American Computing Conference (CLEI), Oct. 2021, doi:10.1109/clei53233.2021.9640083.