

DAFTAR PUSTAKA

- Goodfellow, I. J., Pouget-Abadie, J., Mirza, M., Xu, B., Warde-Farley, D., Ozair, S., Courville, A., & Bengio, Y. (2014). *Generative Adversarial Networks*. In *Advances in Neural Information Processing Systems (NeurIPS)* 27, pp. 2672–2680. <https://arxiv.org/abs/1406.2661>
- Radford, A., Metz, L., & Chintala, S., 2016, Unsupervised Representation Learning with Deep Convolutional Generative Adversarial Networks (DCGAN), *Proceedings of the International Conference on Machine Learning (ICML)*.
- Lynn, D. D., Umari, T., Dunnick, C. A., & Dellavalle, R. P., 2016, The Epidemiology of Acne Vulgaris in Late Adolescence, *Adolescent Health, Medicine and Therapeutics*, 7: 13–25. <https://doi.org/10.2147/AHMT.S55832>
- Karras, T., Aila, T., Laine, S., & Lehtinen, J., 2017, Progressive Growing of GANs for Improved Quality, Stability, and Variation, *Proceedings of the International Conference on Neural Information Processing Systems (NeurIPS)*.
- Frid-Adar, M., Diamant, I., Klang, E., et al., 2018, GAN-based Synthetic Medical Image Augmentation for Increased CNN Performance in Liver Lesion Classification, *IEEE Transactions on Medical Imaging*, 37(4), 1108–1117.
- Adhikari, Aakriti, 2019, Skin Cancer Detection using Generative Adversarial Network and an Ensemble of deep Convolutional Neural Networks, *Master's Thesis, University of Toledo, OhioLINK Electronic Theses & Dissertations Center*. http://rave.ohiolink.edu/etdc/view?acc_num=toledo1574383625473665
- Han et al., "GAN-based synthetic brain MR image generation," 2018 *IEEE 15th International Symposium on Biomedical Imaging (ISBI 2018)*, Washington, DC, USA, 2018, pp. 734-738, doi: 10.1109/ISBI.2018.8363678.
- Rashid, A., Mehmood, R., & Zhang, Y., 2019, Skin Lesion Classification using GAN-based Data Augmentation, *IEEE Transactions on Biomedical Engineering*, 66(11), 3079-3089.
- Wu, X., Zhang, X., Lee, J., Wei, X., 2019, Label Distribution Learning (LDL) Framework for ACNE04 Dataset, *Journal of Medical Image Analysis*, 16(5), 22–33.
- Yi, X., Walia, E., & Babyn, P., 2019, *Generative Adversarial Network in Medical Imaging: A Review*, *Medical Image Analysis*, 58: 101552. <https://doi.org/10.1016/j.media.2019.101552>
- Qin, Z., Liu, Z., Zhu, P., & Xue, Y., 2020, A GAN-based image synthesis method for skin lesion classification, *Computer Methods and Programs in Biomedicine*, 195: 105568. <https://doi.org/10.1016/j.cmpb.2020.105568>
- Huang, P., Liu, X., & Huang, Y., 2021, Data Augmentation for Medical MR Image Using Generative Adversarial Networks, *arXiv preprint arXiv:2111.14297*.
- Yu, Y., Zhang, W., & Deng, Y., 2021, *Frechet Inception Distance (FID) for Evaluating GANs*, preprint, China University of Mining and Technology, Beijing Graduate School.
- Segal, B., Rubin, D. M., Rubin, G., & Pantanowitz, A. (2021). *Evaluating the Clinical Realism of Synthetic Chest X-Rays Generated Using Progressively Growing GANs*. *SN Computer Science*, 2, 321. <https://doi.org/10.1007/s42979-021-00720-7>
- Mutepfe, F., Kiani Kalejahi, B., Meshgini, S., & Danishvar, S., 2021, *Generative Adversarial Network Image Synthesis Method for Skin Lesion Generation and Classification*, *Journal of Medical Signals & Sensors*, 11(4): 237–252. doi:10.4103/jmss.JMSS_53_20
- Heenaye-Mamode Khan, M., Gooda Sahib-Kaudeer, N., Dayalen, M., Mahomedaly, F., Sinha, G. R., Nagwanshi, K. K., & Taylor, A., 2022, *Multi-Class Skin Problem Classification Using Deep Generative Adversarial Network (DGAN)*, *Computational Intelligence and*

- Neuroscience, 2022:1797471. <https://doi.org/10.1155/2022/1797471>
- Meor Yahaya, M., & Teo, J., 2023, Data Augmentation Using Generative Adversarial Networks for Images and Biomarkers in Medicine and Neuroscience, *Journal of Medical Imaging and Health Informatics*, 13(4), 1012-1025.
- Pérez, L., & Ventura, S., 2023, Progressive Growing of Generative Adversarial Networks for Improving Data Augmentation and Skin Cancer Diagnosis, *International Journal of Computer Vision*, 35(2), 81–99.
- Wu, X., Zhang, X., Lee, J., Wei, X., 2019, Label Distribution Learning (LDL) Framework for ACNE04 Dataset, *Journal of Medical Image Analysis*, 16(5), 22–33.
- Chen, M., 2024, *DCGAN-based data augmentation for improving CNN performance in meningioma classification*, *Applied and Computational Engineering*, 51:1-5. <https://doi.org/10.54254/2755-2721/51/20241105>
- Wu, X., Zhang, X., Lee, J., Wei, X. (2019). Label Distribution Learning (LDL) Framework for ACNE04 Dataset. *Journal of Medical Image Analysis*, 16(5), 22–33.
- Prokhorov, K., & Kalinin, A. A. (2024). Improving acne image grading with label distribution smoothing. *IEEE Journal of Biomedical and Health Informatics*, 28(6), 2451–2462. <https://doi.org/10.1109/JBHI.2024.10635668>
- Zein, H., Chantaf, S., Fournier, R., & Nait-Ali, A., 2024, Generative Adversarial Networks for Anonymous Acneic Face Dataset Generation, *PLOS ONE*, 19(4): e0297958. <https://doi.org/10.1371/journal.pone.0297958>
- Chen, Y.-Y., Chan, H.-T., Wang, H.-C., Wang, C.-S., Chen, H.-H., Chen, P.-H., Chen, Y.-J., Hsu, S.-H., & Hsia, C.-H., 2025, Feature Feedback-Based Pseudo-Label Learning for Multi-Standards in Clinical Acne Grading, *Bioengineering*, 12(4): 342. <https://doi.org/10.3390/bioengineering12040342>
- Mienye, I. D., Swart, T. G., Obaido, G., Jordan, M., & Ilono, P. (2025). Deep convolutional neural networks in medical image analysis: A review. *Information*, 16(3), 195. <https://doi.org/10.3390/info16030195>