DAFTAR PUSTAKA

Alrabiah, Z., Arafah, A., Rehman, M. U., Babelghaith, S. D., Syed, W., Alrashidi, F. K., Aldajaani, F. F., Alsufayan, M. A., & Al Arifi, M. N. (2023). Prevalence and Self-Medication for Acne among Students of Health-Related Science Colleges at King Saud University in Riyadh Region Saudi Arabia. *Medicina (Lithuania)*, *59*(1). https://doi.org/10.3390/medicina59010052

Andini, A. R., & Yuadi, I. (2025). Klasifikasi Jenis Jerawat Berdasarkan Convolutional Neural Network: Classification of Acne Type Based on Convolutional Neural Network. *… : Indonesian Journal of Machine Learning and ….* https://www.journal.irpi.or.id/index.php/malcom/article/view/1678

Andini, A. R., Yuadi, I., & Yuadi, I. (2025). Klasifikasi Jenis Jerawat Berdasarkan Convolutional Neural Network. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, *5*(1), 301–308. https://doi.org/10.57152/malcom.v5i1.1678

Anshori, M. I., Sidiq, M. A. Z., Yaqin, R. A., & … (2025). Klasifikasi Jenis Jerawat Secara Otomatis Dengan Convolutional Neural Network Menggunakan Arsitektur Resnet-50. *Jurnal Manajemen ….* https://ojs.unikom.ac.id/index.php/jamika/article/view/13712

Anshori, M. I., Zafar Sidiq, M. A., Yaqin, R. A., & Prasetyo Agung, I. W. (2025). Klasifikasi Jenis Jerawat Secara Otomatis Dengan Convolutional Neural Network Menggunakan Arsitektur Resnet-50. *Jurnal Manajemen Informatika (JAMIKA)*, *15*(1), 73–84. https://doi.org/10.34010/jamika.v15i1.13712

Br Sebayang, V. D., & Kusuma, I. G. N. L. W. (2024). Klasifikasi Jenis Jerawat Berdasarkan Citra Menggunakan Convolutional Neural Network dengan Arsitektur MobileNetV2. *JURNAL FASILKOM*, *14*(3), 766–774. https://doi.org/10.37859/jf.v14i3.8202

Budi, E. S., Chan, A. N., Alda, P. P., Arif, M., & Idris, F. (2024). *Optimasi Model Machine Learning untuk Klasifikasi dan Prediksi Citra Menggunakan Algoritma Convolutional Neural Network Abstrak.*

Chen, S., Ogawa, Y., Zhao, C., & Sekimoto, Y. (2023). Large-scale individual building extraction from open-source satellite imagery via super-resolution-based instance segmentation approach. *ISPRS Journal of Photogrammetry and Remote Sensing*, *195*(November 2022), 129–152. https://doi.org/10.1016/j.isprsjprs.2022.11.006

Duru, P., & Örsal, Ö. (2021). The effect of acne on quality of life, social appearance anxiety, and use of conventional, complementary, and alternative treatments. *Complementary Therapies in Medicine*, *56*. https://doi.org/10.1016/j.ctim.2020.102614

Elisiana, M., Rosiani, U. D., & Batubulan, K. S. (2021). Identifikasi "Acne Vulgaris" berdasarkan Fitur Warna dan Tekstur Menggunakan Klasifikasi JST Backpropagation. *J. Inform. Polinema*. https://www.researchgate.net/profile/Ulla-Rosiani/publication/349587697_Identifikasi_Acne_Vulgaris_Berdasarkan_Fitur_Warna_Dan_Tekstur_Menggunakan_Klasifikasi_JST_Backpropagation/links/60373f0092851c4ed5954973/Identifikasi-Acne-Vulgaris-Berdasarkan-Fitur-

Heng, A. H. S., & Chew, F. T. (2020). Systematic review of the epidemiology of acne vulgaris. *Scientific Reports*, *10*(1), 1–29. https://doi.org/10.1038/s41598-020-62715-3

Huynh, Q. T., Nguyen, P. H., Le, H. X., Ngo, L. T., Trinh, N. T., Tran, M. T. T., Nguyen, H. T., Vu, N. T., Nguyen, A. T., Suda, K., Tsuji, K., Ishii, T., Ngo, T. X., & Ngo, H. T. (2022). Automatic Acne Object Detection and Acne Severity Grading Using Smartphone Images and Artificial Intelligence. *Diagnostics*, *12*(8), 1–13. https://doi.org/10.3390/diagnostics12081879

Islam, M., Khan, K. N., & Khan, M. S. (2021). *Evaluation of Preprocessing Techniques for*

U-Net Evaluation of Preprocessing Techniques for U-Net Based Automated Liver Segmentation.

Kim, H. J., & Kim, Y. H. (2024). Exploring Acne Treatments: From Pathophysiological Mechanisms to Emerging Therapies. *International Journal of Molecular Sciences*, *25*(10). https://doi.org/10.3390/ijms25105302

Lee, M. (2023). *Mathematical Analysis and Performance Evaluation of the GELU. 2023*. https://doi.org/10.1155/2023/4229924

Liu, Z., Mao, H., Christoph, C. W., Trevor, F., Saining, D., Berkeley, U. C., Wu, C.-Y., Feichtenhofer, C., Darrell, T., & Xie, S. (2022). [ConvNeXt_CVPR22] A ConvNet for the 2020s. *Cvpr*, 11976–11986. http://arxiv.org/abs/2201.03545

Peryanto, A., Yudhana, A., & Umar, R. (2020). Rancang Bangun Klasifikasi Citra Dengan Teknologi Deep Learning Berbasis Metode Convolutional Neural Network. *Format : Jurnal Ilmiah Teknik Informatika*, *8*(2), 138. https://doi.org/10.22441/format.2019.v8.i2.007

Purwono, Ma'arif, A., Rahmaniar, W., Fathurrahman, H. I. K., Frisky, A. Z. K., & Haq, Q. M. U. (2022). Understanding of Convolutional Neural Network (CNN): A Review. *International Journal of Robotics and Control Systems*, *2*(4), 739–748. https://doi.org/10.31763/ijrcs.v2i4.888

Rachmawanto, E. H., Hermanto, D., Pratama, Z., Sari, C. A., Nuswantoro, U. D., Citra, P., & Citra, K. (2024). *PERFORMA CONVOLUTIONAL NEURAL NETWORK DALAM DEEP LAYERS RESNET-50 UNTUK KLASIFIKASI MRI TUMOR*. 6–12.

Ramadhani, M., Suprayogi, & Dyah, Hertiana, B. (2018). Klasifikasi Jenis Jerawat Berdasarkan Tekstur dengan Menggunakan Metode GLCM. *E-Proceding of Enggineering*, *5*(1), 870–876.

Razali, M. N., Arbaiy, N., & Lin, P. (2025). *Optimizing Multiclass Classification Using Convolutional Neural Networks with Class Weights and Early Stopping for Imbalanced Datasets*. 1–14.

Rosiani, U. D., Batubulan, K. S., & Malia Elisiana. (2021). Identifikasi "Acne Vulgaris" Berdasarkan Fitur Warna Dan Tekstur Menggunakan Klasifikasi JST Backpropagation. *Jurnal Informatika Polinema*, *7*(2), 7–12. https://doi.org/10.33795/jip.v7i2.463

Salehi, A. W., Khan, S., Gupta, G., Alabduallah, B. I., & Almjally, A. (2023). *A Study of CNN and Transfer Learning in Medical Imaging : Advantages , Challenges , Future Scope*.

Sarvamangala, D. R., & Kulkarni, R. V. (2022). Convolutional neural networks in medical image understanding: a survey. *Evolutionary Intelligence*, *15*(1), 1–22. https://doi.org/10.1007/s12065-020-00540-3

Shams, N., Niaz, F., Zeeshan, S., Ahmed, S., Farhat, S., & Seetlani, N. K. (2018). Cardiff acne disability index based quality of life in acne patients, risk factors and associations. *Journal of the Liaquat University of Medical and Health Sciences*, *17*(1), 29–35. https://doi.org/10.22442/jlumhs.181710545

Shen, X., Zhang, J., Yan, C., & Zhou, H. (2018). An Automatic Diagnosis Method of Facial Acne Vulgaris Based on Convolutional Neural Network. *Scientific Reports*, *8*(1), 1–10. https://doi.org/10.1038/s41598-018-24204-6

Shrestha, A., & Mahmood, A. (2019). Review of deep learning algorithms and architectures. *IEEE Access*, *7*, 53040–53065. https://doi.org/10.1109/ACCESS.2019.2912200

Tan, H. (2024). *Image Classification Based on Deep Learning*. *Icdse*, 313–317. https://doi.org/10.5220/0012835500004547

Vasam, M., Korutla, S., & Bohara, R. A. (2023). Acne vulgaris: A review of the pathophysiology, treatment, and recent nanotechnology based advances. *Biochemistry*

and Biophysics Reports, *36*(September), 101578. https://doi.org/10.1016/j.bbrep.2023.101578

Yang, J., Yang, H., Xu, A., & He, L. (2020). A Review of Advancement on Influencing Factors of Acne: An Emphasis on Environment Characteristics. *Frontiers in Public Health*, *8*(September), 1–16. https://doi.org/10.3389/fpubh.2020.00450