

DAFTAR PUSTAKA

- [1] N. Ebrahimnejad, D. Jaafar, and H. Goodarzi, "The Past, Present, Future: Pathophysiology, Diagnosis, and Treatment of Human Skin Diseases," *Physiologia*, vol. 4, no. 1, pp. 81–99, Feb. 2024, doi: 10.3390/physiologia4010005.
- [2] D. Ran, M. Cai, and X. Zhang, "Genetics of psoriasis: A basis for precision medicine," *Precis Clin Med*, vol. 2, no. 2, pp. 120–130, 2019, doi: 10.1093/pcmedi/pbz011.
- [3] S. Pasande, "Psoriasis in resource-limited setting: a case report in a remote area in Indonesia," *Int J Res Med Sci*, vol. 10, no. 9, p. 2011, Aug. 2022, doi: 10.18203/2320-6012.ijrms20222083.
- [4] S. S. Khan, R. Hay, and D. M. L. Saunte, "An international survey of recalcitrant and recurrent tinea of the glabrous skin—A potential indicator of antifungal resistance," *Journal of the European Academy of Dermatology and Venereology*, 2024, doi: 10.1111/jdv.20146.
- [5] J. Tian *et al.*, "Global epidemiology of atopic dermatitis: a comprehensive systematic analysis and modelling study," *British Journal of Dermatology*, vol. 190, no. 1, pp. 55–61, Jan. 2024, doi: 10.1093/bjd/ljad339.
- [6] G. S. Lin, K. T. Lai, J. M. Syu, J. Y. Lin, and S. K. Chai, "Instance segmentation based on deep convolutional neural networks and transfer learning for unconstrained psoriasis skin images," *Applied Sciences (Switzerland)*, vol. 11, no. 7, Apr. 2021, doi: 10.3390/app11073155.
- [7] S. Gasmi, A. Djebbar, H. F. Merouani, and H. Djedi, "An Innovative CBR-Enhanced Approach for Skin Cancer Classification using Cascade Forest Model and Convolutional Neural Network with Attention Mechanism," *EAI Endorsed Trans Pervasive Health Technol*, vol. 10, Jan. 2024, doi: 10.4108/eetpht.10.3875.
- [8] S. B. Akbar, K. Thanupillai, and S. Sundararaj, "Combining the advantages of AlexNet convolutional deep neural network optimized with anopheles search algorithm based feature extraction and random forest classifier for COVID-19 classification," *Concurr Comput*, vol. 34, no. 15, Jul. 2022, doi: 10.1002/cpe.6958.
- [9] A. Wang, Y. Wang, and Y. Chen, "Hyperspectral image classification based on convolutional neural network and random forest," *Remote Sensing Letters*, vol. 10, no. 11, pp. 1086–1094, 2019, doi: 10.1080/2150704X.2019.1649736.
- [10] S. Agajanian, O. Oluyemi, and G. M. Verkhivker, "Integration of random forest classifiers and deep convolutional neural networks for classification and biomolecular modeling of cancer driver mutations," *Front Mol Biosci*, vol. 6, no. JUN, 2019, doi: 10.3389/fmolb.2019.00044.
- [11] A. Kalaivani and S. Karpagavalli, "Detection and classification of skin diseases with ensembles of deep learning networks in medical imaging," *Int J Health Sci (Qassim)*, pp. 13624–13637, Jun. 2022, doi: 10.53730/ijhs.v6ns1.8402.

- [12] Y. Yang *et al.*, "A convolutional neural network trained with dermoscopic images of psoriasis performed on par with 230 dermatologists," *Comput Biol Med*, vol. 139, Dec. 2021, doi: 10.1016/j.compbimed.2021.104924.
- [13] A. Satyarthi, D. Upadhyay, D. K. Bharti, M. Manwal, V. Kukreja, and R. Sharma, "Developing a Comprehensive Hybrid Model Utilizing Convolutional Neural Networks and Random Forest for the Advanced Classification of Tomato Rot Disease Severity Stages," in *International Conference on Emerging Technologies in Computer Science for Interdisciplinary Applications, ICETCS 2024*, Institute of Electrical and Electronics Engineers Inc., 2024. doi: 10.1109/ICETCS61022.2024.10544136.
- [14] S. F. Aijaz, S. J. Khan, F. Azim, C. S. Shakeel, and U. Hassan, "Deep Learning Application for Effective Classification of Different Types of Psoriasis," *J Healthc Eng*, vol. 2022, 2022, doi: 10.1155/2022/7541583.
- [15] K. Thomsen, A. L. Christensen, L. Iversen, H. B. Lomholt, and O. Winther, "Deep Learning for Diagnostic Binary Classification of Multiple-Lesion Skin Diseases," *Front Med (Lausanne)*, vol. 7, Sep. 2020, doi: 10.3389/fmed.2020.574329.
- [16] J. Kim, B. E. Kim, and D. Y. M. Leung, "Pathophysiology of atopic dermatitis: Clinical implications," in *Allergy and Asthma Proceedings*, OceanSide Publications Inc., 2019, pp. 84–92. doi: 10.2500/aap.2019.40.4202.
- [17] M. Hussain, J. J. Bird, and D. R. Faria, "A study on CNN transfer learning for image classification," in *Advances in Intelligent Systems and Computing*, Springer Verlag, 2019, pp. 191–202. doi: 10.1007/978-3-319-97982-3_16.
- [18] I Wayan Suartika Eka Pramatha, Aditya Yoga Wijaya, and Riyanarto Sarno Soelaiman, "Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101," *Jurnal Teknik ITS*, vol. 5, no. 1, pp. A65-69, May 2016.
- [19] L. Minfei, G. Yidong, C. Ze, W. Zhi, S. Erik, and Š. Branko, "Microstructure-informed deep convolutional neural network for predicting short-term creep modulus of cement paste," *Cem Concr Res*, vol. 152, Feb. 2022, doi: 10.1016/j.cemconres.2021.106681.
- [20] Ichsan Firmansyah and B. Herawan Hayadi, "Komparasi Fungsi Aktivasi ReLU dan Tanh pada Multilayer Perceptron," *JIKO (Jurnal Informatika dan Komputer)*, vol. 6, no. 2, pp. 200–206, Sep. 2022.
- [21] J. Zhu and J. Song, "An intelligent classification model for surface defects on cement concrete bridges," *Applied Sciences (Switzerland)*, vol. 10, no. 3, Feb. 2020, doi: 10.3390/app10030972.
- [22] J. Yang, J. Gong, W. Tang, Y. Shen, C. Liu, and J. Gao, "Delineation of urban growth boundaries using a patch-based cellular automata model under multiple spatial and socio-economic scenarios," *Sustainability (Switzerland)*, vol. 11, no. 21, Nov. 2019, doi: 10.3390/su11216159.

- [23] S. Iqbal, A. N. Qureshi, A. Ullah, J. Li, and T. Mahmood, "Improving the Robustness and Quality of Biomedical CNN Models through Adaptive Hyperparameter Tuning," *Applied Sciences (Switzerland)*, vol. 12, no. 22, Nov. 2022, doi: 10.3390/app122211870.
- [24] P. Mahajan, S. Uddin, F. Hajati, and M. A. Moni, "Ensemble Learning for Disease Prediction: A Review," Jun. 01, 2023, *MDPI*. doi: 10.3390/healthcare11121808.
- [25] A. Manconi, G. Armano, M. Gnocchi, and L. Milanesi, "A Soft-Voting Ensemble Classifier for Detecting Patients Affected by COVID-19," *Applied Sciences (Switzerland)*, vol. 12, no. 15, Aug. 2022, doi: 10.3390/app12157554.
- [26] I. Widhi Saputro and B. Wulan Sari, "Uji Performa Algoritma Naïve Bayes untuk Prediksi Masa Studi Mahasiswa Naïve Bayes Algorithm Performance Test for Student Study Prediction," *Citec Journal*, vol. 6, no. 1, 2019.
- [27] National Psoriasis Foundation, "Statistics: National Psoriasis Foundation," 2023. [Online]. Available: <https://www.psoriasis.org/advance/statistics/> [Accessed: 26-May-2025].
- [28] Kementerian Kesehatan Republik Indonesia, *Infodatin: Psoriasis*, Pusat Data dan Informasi, Jakarta, 2022. [Online]. Available: <https://pusdatin.kemkes.go.id/resources/download/pusdatin/infodatin/infodatin-psoriasis.pdf> [Accessed: 26-May-2025].