

## DAFTAR PUSTAKA

- Aamir, M., Namoun, A., Munir, S., Aljohani, N., Alanazi, M. H., Alshahafi, Y., & Alotibi, F. (2024). Brain Tumor Detection and Classification Using an Optimized Convolutional Neural Network. *Diagnostics*, *14*(16), 1714. <https://doi.org/10.3390/diagnostics14161714>
- Anantharajan, S., Gunasekaran, S., Subramanian, T., & R, V. (2024). MRI brain tumor detection using deep learning and machine learning approaches. *Measurement: Sensors*, *31*, 101026. <https://doi.org/10.1016/j.measen.2024.101026>
- Asiri, A. A., Shaf, A., Ali, T., Pasha, M. A., Aamir, M., Irfan, M., Alqahtani, S., Alghamdi, A. J., Alghamdi, A. H., Alshamrani, A. F. A., Alelyani, M., & Alamri, S. (2023). Advancing Brain Tumor Classification through Fine-Tuned Vision Transformers: A Comparative Study of Pre-Trained Models. *Sensors*, *23*(18), 7913. <https://doi.org/10.3390/s23187913>
- Asiri, A. A., Shaf, A., Ali, T., Shakeel, U., Irfan, M., Mehdar, K. M., Halawani, H. T., Alghamdi, A. H., Alshamrani, A. F. A., & Alqhtani, S. M. (2023a). Exploring the Power of Deep Learning: Fine-Tuned Vision Transformer for Accurate and Efficient Brain Tumor Detection in MRI Scans. *Diagnostics*, *13*(12). <https://doi.org/10.3390/diagnostics1312209>

- Asiri, A. A., Shaf, A., Ali, T., Shakeel, U., Irfan, M., Mehdar, K. M., Halawani, H. T., Alghamdi, A. H., Alshamrani, A. F. A., & Alqhtani, S. M. (2023b). Exploring the Power of Deep Learning: Fine-Tuned Vision Transformer for Accurate and Efficient Brain Tumor Detection in MRI Scans. *Diagnostics*, 13(12). <https://doi.org/10.3390/diagnostics13122094>
- Benyahia, S., Meftah, B., & L  zoray, O. (2022). Multi-Features Extraction Based on Deep Learning for Skin Lesion Classification Samia Benyahia, Boudjelal Meftah, Olivier L  zoray. Multi-Features Extraction Based on Deep Learning for Skin Lesion Classification Multi-Features Extraction Based on Deep Learning for Skin Lesion Classification. *Tissue and Cell*, 74. <https://doi.org/10.1016/j.tice.2021.101701i>
- Bhowmik, A. C., Ahad, M. T., Emon, Y. R., Ahmed, F., Song, B., & Li, Y. (2024). A customised vision transformer for accurate detection and classification of Java Plum leaf disease. *Smart Agricultural Technology*, 8. <https://doi.org/10.1016/j.atech.2024.100500>
- Biswas, A., & Islam, Md. S. (2023a). A Hybrid Deep CNN-SVM Approach for Brain Tumor Classification. *Journal of Information Systems Engineering and Business Intelligence*, 9(1), 1–15. <https://doi.org/10.20473/jisebi.9.1.1-15>
- Biswas, A., & Islam, Md. S. (2023b). A Hybrid Deep CNN-SVM Approach for Brain Tumor Classification. *Journal of Information Systems Engineering and Business Intelligence*, 9(1), 1–15. <https://doi.org/10.20473/jisebi.9.1.1-15>

- Chen, T., Philippi, I., Phan, Q. B., Nguyen, L., Bui, N. T., daCunha, C., & Nguyen, T. T. (2024). A vision transformer machine learning model for COVID-19 diagnosis using chest X-ray images. *Healthcare Analytics*, 5, 100332. <https://doi.org/10.1016/j.health.2024.100332>
- Deng, J., Xuan, X., Wang, W., Li, Z., Yao, H., & Wang, Z. (2020). A review of research on object detection based on deep learning. *Journal of Physics: Conference Series*, 1684(1). <https://doi.org/10.1088/1742-6596/1684/1/012028>
- Dosovitskiy, A., Beyer, L., Kolesnikov, A., Weissenborn, D., Zhai, X., Unterthiner, T., Dehghani, M., Minderer, M., Heigold, G., Gelly, S., Uszkoreit, J., & Houlsby, N. (2020). *An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale*. <http://arxiv.org/abs/2010.11929>
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. MIT Press.
- Halder, R. K., Uddin, M. N., Uddin, M. A., Aryal, S., & Khraisat, A. (2024). Enhancing K-nearest neighbor algorithm: a comprehensive review and performance analysis of modifications. *Journal of Big Data*, 11(1). <https://doi.org/10.1186/s40537-024-00973-y>
- Hasan Putra, P., Syahputra Novelan, M., & Rizki, M. (2022). ANALYSIS K-NEAREST NEIGHBOR METHOD IN CLASSIFICATION OF VEGETABLE QUALITY BASED ON COLOR. Dalam *Journal of Applied Engineering and Technological Science* (Vol. 3, Nomor 2).

- Hong, S., Wu, J., Zhu, L., & Chen, W. (2024). Brain tumor classification in ViT-B/16 based on relative position encoding and residual MLP. *PLOS ONE*, *19*(7), e0298102. <https://doi.org/10.1371/journal.pone.0298102>
- Islam, Md. A., Kowal, M., Esser, P., Jia, S., Ommer, B., Derpanis, K. G., & Bruce, N. D. B. (2021). Shape or Texture: Understanding Discriminative Features in CNNs. *CoRR*, *abs/2101.11604*. <https://arxiv.org/abs/2101.11604>
- Javaid, M., Haleem, A., Singh, R. P., & Ahmed, M. (2024). Computer vision to enhance healthcare domain: An overview of features, implementation, and opportunities. *Intelligent Pharmacy*. <https://doi.org/10.1016/j.ipha.2024.05.007>
- Khaliki, M. Z., & Başarslan, M. S. (2024). Brain tumor detection from images and comparison with transfer learning methods and 3-layer CNN. *Scientific Reports*, *14*(1). <https://doi.org/10.1038/s41598-024-52823-9>
- Krishnan, P. T., Krishnadoss, P., Khandelwal, M., Gupta, D., Nihaal, A., & Kumar, T. S. (2024). Enhancing brain tumor detection in MRI with a rotation invariant Vision Transformer. *Frontiers in Neuroinformatics*, *18*. <https://doi.org/10.3389/fninf.2024.1414925>
- Liu, X., Peng, H., Zheng, N., Yang, Y., Hu, H., & Yuan, Y. (2023). *EfficientViT: Memory Efficient Vision Transformer with Cascaded Group Attention*. <https://arxiv.org/abs/2305.07027>

- Malla, P. P., Sahu, S., & Alutaibi, A. I. (2023a). Classification of Tumor in Brain MR Images Using Deep Convolutional Neural Network and Global Average Pooling. *Processes*, *11*(3), 679. <https://doi.org/10.3390/pr11030679>
- Malla, P. P., Sahu, S., & Alutaibi, A. I. (2023b). Classification of Tumor in Brain MR Images Using Deep Convolutional Neural Network and Global Average Pooling. *Processes*, *11*(3), 679. <https://doi.org/10.3390/pr11030679>
- Martínez-Del-Río-Ortega, R., Civit-Masot, J., Luna-Perejón, F., & Domínguez-Morales, M. (2024). Brain Tumor Detection Using Magnetic Resonance Imaging and Convolutional Neural Networks. *Big Data and Cognitive Computing*, *8*(9), 123. <https://doi.org/10.3390/bdcc8090123>
- Maurício, J., Domingues, I., & Bernardino, J. (2023a). Comparing Vision Transformers and Convolutional Neural Networks for Image Classification: A Literature Review. Dalam *Applied Sciences (Switzerland)* (Vol. 13, Nomor 9). MDPI. <https://doi.org/10.3390/app13095521>
- Maurício, J., Domingues, I., & Bernardino, J. (2023b). Comparing Vision Transformers and Convolutional Neural Networks for Image Classification: A Literature Review. Dalam *Applied Sciences (Switzerland)* (Vol. 13, Nomor 9). MDPI. <https://doi.org/10.3390/app13095521>
- Naufal, M., Al Azies, H., & Brilianto, R. M. (2024a). Enhanced Brain Tumor Classification through Gamma Correction in Deep Learning. *SISTEMASI*, *13*(6), 2348. <https://doi.org/10.32520/stmsi.v13i6.4474>

- Naufal, M., Al Azies, H., & Brilianto, R. M. (2024b). Enhanced Brain Tumor Classification through Gamma Correction in Deep Learning. *SISTEMASI*, *13*(6), 2348. <https://doi.org/10.32520/stmsi.v13i6.4474>
- Nurrani, H., Andi Kurniawan Nugroho, & Sri Heranurweni. (2023). Image Classification of Vegetable Quality using Support Vector Machine based on Convolutional Neural Network. *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, *7*(1), 168–178. <https://doi.org/10.29207/resti.v7i1.4715>
- Peryanto, A., Yudhana, A., & Umar, R. (2022). Convolutional Neural Network and Support Vector Machine in Classification of Flower Images. *Khazanah Informatika: Jurnal Ilmu Komputer dan Informatika*, *8*(1), 1–7. <https://doi.org/10.23917/khif.v8i1.15531>
- Purnomo, M. (2021a). Brain Tumor Classification in MRI Images Using En-CNN. *International Journal of Intelligent Engineering and Systems*, *14*(4), 437–451. <https://doi.org/10.22266/ijies2021.0831.38>
- Purnomo, M. (2021b). Brain Tumor Classification in MRI Images Using En-CNN. *International Journal of Intelligent Engineering and Systems*, *14*(4), 437–451. <https://doi.org/10.22266/ijies2021.0831.38>
- Rahman, T., Khandakar, A., Qiblawey, Y., Tahir, A., Kiranyaz, S., Abul Kashem, S. Bin, Islam, M. T., Al Maadeed, S., Zughaier, S. M., Khan, M. S., & Chowdhury, M. E. H. (2021a). Exploring the effect of image enhancement techniques on COVID-19 detection using chest X-ray images. *Computers in*

*Biology and Medicine*, 132, 104319.  
<https://doi.org/10.1016/j.compbiomed.2021.104319>

Rahman, T., Khandakar, A., Qiblawey, Y., Tahir, A., Kiranyaz, S., Abul Kashem, S. Bin, Islam, M. T., Al Maadeed, S., Zughaier, S. M., Khan, M. S., & Chowdhury, M. E. H. (2021b). Exploring the effect of image enhancement techniques on COVID-19 detection using chest X-ray images. *Computers in Biology and Medicine*, 132, 104319.  
<https://doi.org/10.1016/j.compbiomed.2021.104319>

Supriadi, O. A., Utami, E., & Ariatmanto, D. (2023). Deteksi Tumor Otak Melalui Gambar MRI Berdasarkan Vision Transformers dengan Tensorflow dan Keras. *Jurnal Informatika Universitas Pamulang*, 8(3), 385–392.  
<https://doi.org/10.32493/informatika.v8i3.32707>

Suryawanshi, S., & Patil, S. B. (2024a). Efficient Brain Tumor Classification with a Hybrid CNN-SVM Approach in MRI. *Journal of Advances in Information Technology*, 15(3), 340–354. <https://doi.org/10.12720/jait.15.3.340-354>

Suryawanshi, S., & Patil, S. B. (2024b). Efficient Brain Tumor Classification with a Hybrid CNN-SVM Approach in MRI. *Journal of Advances in Information Technology*, 15(3), 340–354. <https://doi.org/10.12720/jait.15.3.340-354>

Susanto, D. H., & Kariasa, I. M. (2024). A case report of preoperative care of management protocol for craniotomy after digital subtraction angiography (DSA). *Holistik Jurnal Kesehatan*, 18(4), 434–446.  
<https://doi.org/10.33024/hjk.v18i4.396>

Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., & Polosukhin, I. (2023). *Attention Is All You Need*. <https://arxiv.org/abs/1706.03762>

Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., & Polosukhin, I. (2017). Attention is All you Need. Dalam I. Guyon, U. Von Luxburg, S. Bengio, H. Wallach, R. Fergus, S. Vishwanathan, & R. Garnett (Ed.), *Advances in Neural Information Processing Systems* (Vol. 30). Curran Associates, Inc. [https://proceedings.neurips.cc/paper\\_files/paper/2017/file/3f5ee243547dee91fbd053c1c4a845aa-Paper.pdf](https://proceedings.neurips.cc/paper_files/paper/2017/file/3f5ee243547dee91fbd053c1c4a845aa-Paper.pdf)

Veera Manickam, M. R. M., Mohanapriya, M., Kale, S. A., Uday, M., & Kulkarni, P. (2017). Yuvraj Khandagale and Suraj P Patil, Research Study on Applications of Artificial Neural Networks and E-Learning Personalization. *International Journal of Civil Engineering and Technology (IJCIET)*, 8(8), 1422–1432. <http://www.iaeme.com/IJCIET/index.asp>1422<http://www.iaeme.com/ijciet/issues.asp?JType=IJCIET&VType=8&IType=8><http://www.iaeme.com/IJCIET/index.asp>1423<http://www.iaeme.com/IJCIET/issues.asp?JType=IJCIET&VType=8&IType=8>

Vidhya, S., Balaji, M., & Kamaraj, V. (2024). Satellite Image Classification using CNN with Particle Swarm Optimization Classifier. *Procedia Computer Science*, 233, 979–987. <https://doi.org/10.1016/j.procs.2024.03.287>

- Wang Senzhang and Cao, J. (2021). AI and Deep Learning for Urban Computing. Dalam M. F. and B. M. and K. M.-P. and Z. A. Shi Wenzhong and Goodchild (Ed.), *Urban Informatics* (hlm. 815–844). Springer Singapore. [https://doi.org/10.1007/978-981-15-8983-6\\_43](https://doi.org/10.1007/978-981-15-8983-6_43)
- Wiley, V., & Lucas, T. (2018). Computer Vision and Image Processing: A Paper Review. *International Journal of Artificial Intelligence Research*, 2(1), 22. <https://doi.org/10.29099/ijair.v2i1.42>
- Zaitoun, N. M., & Aqel, M. J. (2015). Survey on Image Segmentation Techniques. *Procedia Computer Science*, 65, 797–806. <https://doi.org/10.1016/j.procs.2015.09.027>
- Zhao, X. (2022). Research and application of deep learning in image recognition. *Journal of Physics: Conference Series*, 2425(1). <https://doi.org/10.1088/1742-6596/2425/1/012047>
- Zhao, Z., Alzubaidi, L., Zhang, J., Duan, Y., & Gu, Y. (2024). A comparison review of transfer learning and self-supervised learning: Definitions, applications, advantages and limitations. Dalam *Expert Systems with Applications* (Vol. 242). Elsevier Ltd. <https://doi.org/10.1016/j.eswa.2023.122807>