

## DAFTAR PUSTAKA

- [1] K. Verma and S. Kumar, "How do we connect brain areas with cognitive functions? the past, the present and the future," *NeuroSci*, vol. 3, no. 3, p. 521–532, Sep. 2022. [Online]. Available: <http://dx.doi.org/10.3390/neurosci3030037>
- [2] Q. T. Ostrom, S. S. Francis, and J. S. Barnholtz-Sloan, "Epidemiology of brain and other cns tumors," *Current Neurology and Neuroscience Reports*, vol. 21, no. 12, Nov. 2021. [Online]. Available: <http://dx.doi.org/10.1007/s11910-021-01152-9>
- [3] I. Ilic and M. Ilic, "International patterns and trends in the brain cancer incidence and mortality: An observational study based on the global burden of disease," *Heliyon*, vol. 9, no. 7, p. e18222, Jul. 2023. [Online]. Available: <http://dx.doi.org/10.1016/j.heliyon.2023.e18222>
- [4] R. Halabi, F. Dakroub, M. Z. Haider, S. Patel, N. A. Amhaz, M. A. Reslan, A. H. Eid, Y. Mechref, N. Darwiche, F. Kobeissy, I. Omeis, and A. A. Shaito, "Unveiling a biomarker signature of meningioma: The need for a panel of genomic, epigenetic, proteomic, and rna biomarkers to advance diagnosis and prognosis," *Cancers*, vol. 15, no. 22, p. 5339, Nov. 2023. [Online]. Available: <http://dx.doi.org/10.3390/cancers15225339>
- [5] L. Ding, F. Zhang, Q. He, Z. Li, X. Shi, R. Li, and X. Zhang, "Differentiation of suprasellar meningiomas from non-functioning pituitary macroadenomas by 18f-fdg and 13n-ammonia pet/ct," *BMC Cancer*, vol. 20, no. 1, Jun. 2020. [Online]. Available: <http://dx.doi.org/10.1186/s12885-020-06852-y>
- [6] M. Weller, M. van den Bent, M. Preusser, E. Le Rhun, J. C. Tonn, G. Minniti, M. Bendszus, C. Balana, O. Chinot, L. Dirven, P. French, M. E. Hegi, A. S. Jakola, M. Platten, P. Roth, R. Rudà, S. Short, M. Smits, M. J. B. Taphoorn, A. von Deimling, M. Westphal, R. Soffietti, G. Reifenberger, and W. Wick, "Eano guidelines on the diagnosis and treatment of diffuse gliomas of adulthood," *Nature Reviews Clinical Oncology*, vol. 18, no. 3, p. 170–186, Dec. 2020. [Online]. Available: <http://dx.doi.org/10.1038/s41571-020-00447-z>
- [7] R. Goldbrunner, P. Stavrinou, M. D. Jenkinson, F. Sahm, C. Mawrin, D. C. Weber, M. Preusser, G. Minniti, M. Lund-Johansen, F. Lefranc, E. Houdart, K. Sallabanda, E. Le Rhun, D. Nieuwenhuizen, G. Tabatabai, R. Soffietti, and M. Weller, "Eano guideline on the diagnosis and management of meningiomas," *Neuro-Oncology*, vol. 23, no. 11, p. 1821–1834, Jun. 2021. [Online]. Available: <http://dx.doi.org/10.1093/neuonc/noab150>

- [8] N. A. Tritos and K. K. Miller, "Diagnosis and management of pituitary adenomas: A review," *JAMA*, vol. 329, no. 16, p. 1386, Apr. 2023. [Online]. Available: <http://dx.doi.org/10.1001/jama.2023.5444>
- [9] J. Vaz and B. Seetharaman, "Convolutional neural networks (cnns): concepts and applications in pharmacogenomics," *Molecular Diversity*, vol. 25, 08 2021.
- [10] M. Oumoulyte, A. Omari Alaoui, Y. Farhaoui, A. El Allaoui, and A. Bahri, "Convolutional neural network-based approach for skin lesion classification," *Data and Metadata*, vol. 2, p. 171, Dec. 2023. [Online]. Available: <http://dx.doi.org/10.56294/dm2023171>
- [11] C. Lin, P. Yang, Q. Wang, Z. Qiu, W. Lv, and Z. Wang, "Efficient and accurate compound scaling for convolutional neural networks," *Neural Networks*, vol. 167, p. 787–797, Oct. 2023. [Online]. Available: <http://dx.doi.org/10.1016/j.neunet.2023.08.053>
- [12] M. Tan and Q. Le, "EfficientNet: Rethinking model scaling for convolutional neural networks," in *Proceedings of the 36th International Conference on Machine Learning*, ser. Proceedings of Machine Learning Research, K. Chaudhuri and R. Salakhutdinov, Eds., vol. 97. PMLR, 09–15 Jun 2019, pp. 6105–6114. [Online]. Available: <https://proceedings.mlr.press/v97/tan19a.html>
- [13] Z. Wang, Y. Cao, H. Yu, C. Sun, X. Chen, Z. Jin, and W. Kong, "Scene classification of remote sensing images using efficientnetv2 with coordinate attention," *Journal of Physics: Conference Series*, vol. 2289, no. 1, p. 012026, Jun. 2022. [Online]. Available: <http://dx.doi.org/10.1088/1742-6596/2289/1/012026>
- [14] M. Vázquez, Y. Milkessa, M. M. Li, and N. Govil, "Gaze by semi-virtual robotic heads: Effects of eye and head motion," in *2020 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2020, pp. 11 065–11 071.
- [15] "Brain Tumor Classification (MRI) — kaggle.com," <https://www.kaggle.com/datasets/sartajbhuvaji/brain-tumor-classification-mri>, [Accessed 13-09-2024].
- [16] M. Aamir, A. Namoun, S. Munir, N. Aljohani, M. H. Alanazi, Y. Alshafi, and F. Alotibi, "Brain tumor detection and classification using an optimized convolutional neural network," *Diagnostics*, vol. 14, no. 16, p. 1714, Aug. 2024. [Online]. Available: <http://dx.doi.org/10.3390/diagnostics14161714>
- [17] A. Delaidelli and A. Moiraghi, "Recent advances in the diagnosis and treatment of brain tumors," *Brain Sciences*, vol. 14, no. 3, p. 224, Feb. 2024. [Online]. Available: <http://dx.doi.org/10.3390/brainsci14030224>

- [18] D. S. Shah, A. Sanan, A. A. Morell, D. G. Eichberg, A. H. Shah, E. Luther, V. M. Lu, T. Elarjani, D. M. O. Higgins, N. V. Patel, J. R. Jagid, M. E. Ivan, and R. J. Komotar, “Traumatic brain injury and subsequent brain tumor development: a systematic review of the literature,” *Neurosurgical Review*, vol. 45, no. 5, p. 3003–3018, Jun. 2022. [Online]. Available: <http://dx.doi.org/10.1007/s10143-022-01819-y>
- [19] L. N. Gonzalez Castro, I. Liu, and M. Filbin, “Characterizing the biology of primary brain tumors and their microenvironment via single-cell profiling methods,” *Neuro-Oncology*, vol. 25, no. 2, p. 234–247, Oct. 2022. [Online]. Available: <http://dx.doi.org/10.1093/neuonc/noac211>
- [20] M. Peloso, “Moving Toward “Virtual Biopsy” of Gliomas Using Artificial Intelligence - Brigham On a Mission — [brighamhealthonamission.org](https://www.brighamhealthonamission.org),” <https://www.brighamhealthonamission.org/2018/12/18/moving-toward-virtual-biopsy-of-gliomas-using-artificial-intelligence/>, [Accessed 02-01-2025].
- [21] “Gliomas — [ncbi.nlm.nih.gov](https://www.ncbi.nlm.nih.gov),” <https://www.ncbi.nlm.nih.gov/books/NBK441874/>, [Accessed 20-09-2024].
- [22] “Meningioma - Radiology at St. Vincent’s University Hospital — [svuhradiology.ie](http://www.svuhradiology.ie),” <http://www.svuhradiology.ie/case-study/meningioma/>, [Accessed 02-01-2025].
- [23] C. Ogasawara, B. D. Philbrick, and D. C. Adamson, “Meningioma: A review of epidemiology, pathology, diagnosis, treatment, and future directions,” *Biomedicines*, vol. 9, no. 3, p. 319, Mar. 2021.
- [24] J. Chen, X. Wang, C. He, and S. Wei, “MRI findings of pituitary gland in growth hormone-deficient children and their correlation with growth hormone peak during growth hormone stimulation tests,” *Contrast Media Mol. Imaging*, vol. 2022, no. 1, p. 3111585, Aug. 2022.
- [25] M. Reza Keyvanpour and M. B. Shirzad, *Machine learning techniques for agricultural image recognition*. Elsevier, 2022, p. 283–305. [Online]. Available: <http://dx.doi.org/10.1016/B978-0-323-90550-3.00011-4>
- [26] “Convolutional Layer - an overview — ScienceDirect Topics — [sciencedirect.com](https://www.sciencedirect.com/topics/computer-science/convolutional-layer),” <https://www.sciencedirect.com/topics/computer-science/convolutional-layer>, [Accessed 24-01-2024].
- [27] D. R. Sarvamangala and R. V. Kulkarni, “Convolutional neural networks in medical image understanding: a survey,” *Evol. Intell.*, vol. 15, no. 1, pp. 1–22, 2022.
- [28] Q. LINA, “Apa itu Convolutional Neural Network? — 16611110,” <https://medium.com/@16611110/>

apa-itu-convolutional-neural-network-836f70b193a4, [Accessed 24-01-2024].

- [29] U. Raj, “Dropping the Knowledge Bomb: Understanding Dropout Layers in Deep Learning — utsavraj.ptn04,” [Accessed 02-01-2025].
- [30] A. Botalb, M. Moinuddin, U. M. Al-Saggaf, and S. S. A. Ali, “Contrasting convolutional neural network (cnn) with multi-layer perceptron (mlp) for big data analysis,” in *2018 International Conference on Intelligent and Advanced System (ICIAS)*, 2018, pp. 1–5.
- [31] Z. Wang, Y. Cao, H. Yu, C. Sun, X. Chen, Z. Jin, and W. Kong, “Scene classification of remote sensing images using efficientnetv2 with coordinate attention,” *Journal of Physics: Conference Series*, vol. 2289, no. 1, p. 012026, Jun. 2022. [Online]. Available: <http://dx.doi.org/10.1088/1742-6596/2289/1/012026>
- [32] Vujovic, “Classification model evaluation metrics,” *International Journal of Advanced Computer Science and Applications*, vol. 12, no. 6, 2021. [Online]. Available: <http://dx.doi.org/10.14569/IJACSA.2021.0120670>
- [33] I. Markoulidakis and G. Markoulidakis, “Probabilistic confusion matrix: A novel method for machine learning algorithm generalized performance analysis,” *Technologies*, vol. 12, no. 7, p. 113, Jul. 2024. [Online]. Available: <http://dx.doi.org/10.3390/technologies12070113>

