

Section VIII: References

- Aarabi, A., & He, B. (2012). A rule-based seizure prediction method for focal neocortical epilepsy. *Clinical Neurophysiology*, 123(6), 1111–1122. <https://doi.org/10.1016/j.clinph.2012.01.014>
- Gavaret, M., Iftimovici, A., & Pruvost-Robieux, E. (2023). EEG: Current relevance and promising quantitative analyses. *Revue Neurologique*, 179(4), 352–360. <https://doi.org/10.1016/j.neurol.2022.12.008>
- Ghassemi, N., Shoeibi, A., Rouhani, M., & Hosseini-Nejad, H. (2019). Epileptic seizures detection in EEG signals using TQWT and Ensemble Learning. *2019 9th International Conference on Computer and Knowledge Engineering (ICCKE)*, 403–408. <https://doi.org/10.1109/iccke48569.2019.8964826>
- Hakeem, H., Feng, W., Chen, Z., Choong, J., Brodie, M. J., Fong, S.-L., Lim, K.-S., Wu, J., Wang, X., Lawn, N., Ni, G., Gao, X., Luo, M., Chen, Z., Ge, Z., & Kwan, P. (2022). Development and validation of a deep learning model for predicting treatment response in patients with newly diagnosed epilepsy. *JAMA Neurology*, 79(10), 986. <https://doi.org/10.1001/jamaneurol.2022.2514>
- Kalilani, L., Sun, X., Pelgrims, B., Noack-Rink, M., & Villanueva, V. (2018). The epidemiology of drug-resistant epilepsy: A systematic review and meta-analysis. *Epilepsia*, 59(12), 2179–2193. <https://doi.org/10.1111/epi.14596>
- Khalilpour, S., Ranjbar, A., Menhaj, M. B., & Sandooghdar, A. (2020). Application of 1-D CNN to predict epileptic seizures using EEG Records. *2020 6th International Conference on Web Research (ICWR)*, 314–318. <https://doi.org/10.1109/icwr49608.2020.9122300>
- Sellers, K. K., Cohen, J. L., Khambhati, A. N., Fan, J. M., Lee, A. M., Chang, E. F., & Krystal, A. D. (2023). Closed-loop neurostimulation for the treatment of psychiatric disorders. *Neuropsychopharmacology*, 49(1), 163–178. <https://doi.org/10.1038/s41386-023-01631-2>
- Sharma, M., Dhere, A., Pachori, R. B., & Acharya, U. R. (2017). An automatic detection of focal EEG signals using new class of time–frequency localized orthogonal wavelet filter banks. *Knowledge-Based Systems*, 118, 217–227. <https://doi.org/10.1016/j.knosys.2016.11.024>
- Shoeibi, A., Khodatars, M., Ghassemi, N., Jafari, M., Moridian, P., Alizadehsani, R., Panahiazar, M., Khozeimeh, F., Zare, A., Hosseini-Nejad, H., Khosravi, A., Atiya, A. F., Aminshahidi, D., Hussain, S., Rouhani, M., Nahavandi, S., & Acharya, U. R. (2021). Epileptic seizures detection using Deep Learning Techniques: A Review. *International Journal of Environmental Research and Public Health*, 18(11), 5780. <https://doi.org/10.3390/ijerph18115780>

- Tang, J., El Atrache, R., Yu, S., Asif, U., Jackson, M., Roy, S., Mirmomeni, M., Cantley, S., Sheehan, T., Schubach, S., Ufongene, C., Vieluf, S., Meisel, C., Harrer, S., & Loddenkemper, T. (2021). Seizure detection using wearable sensors and Machine Learning: Setting a benchmark. *Epilepsia*, *62*(8), 1807–1819. <https://doi.org/10.1111/epi.16967>
- Thakare, V., & Ranawat, R. (2024). Machine learning techniques in epileptic seizure detection: A comprehensive review. *2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, 1–5. <https://doi.org/10.1109/icccnt61001.2024.10724979>
- Thamarai, P., & Adalarasu, K. (n.d.). *Denosing of EEG, ECG and PPG signals using Wavelet Transform*. *Journal of Pharmaceutical Sciences and Research*, *10*(1), 156–161. Retrieved from <https://www.pharmainfo.in/jpsr/Documents/Volumes/vol10Issue01/jpsr10011833.pdf>
- Tsiouris, K., Pezoulas, V. C., Zervakis, M., Konitsiotis, S., Koutsouris, D. D., & Fotiadis, D. I. (2018). A long short-term memory deep learning network for the prediction of epileptic seizures using EEG signals. *Computers in Biology and Medicine*, *99*, 24–37. <https://doi.org/10.1016/j.combiomed.2018.05.019>