

DAFTAR PUSTAKA

- Abdel-Ghaffar, E. A. & Salama, M., 2024. The Effect of Stress on a Personal Identification System Based on Electroencephalographic Signals. *Sensors*, Volume 24, p. 4167.
- Acharya, S. et al., 2024. Mental Stress Classification by using EEG-based Brain Frequency-specific Effective Connectivity Analysis. *Computer Methods and Programs in Biomedicine*.
- Al-Shargie, F., Tang, T. B., Badruddin, N. & Kiguchi, M., 2018. Mental stress assessment using simultaneous recording of EEG and fNIRS. *IEEE Access*, Volume 6, p. 69715–69728.
- Arwin, A. et al., 2019. Analisis Stress Kerja Pada PT. Gunung Permata Valasindo. *Seminar Nasional Teknologi Komputer & Sains*, 1(1).
- Christodoulou, G. N., 2005. Mental Health: Methodological Issues in Assessment. *Annals of General Psychiatry*, S2, p. 4(1).
- Delorme, A. & Makeig, S., 2004. EEGLAB: An open-source toolbox for analysis of single-trial EEG dynamics. *Journal of Neuroscience Methods*, 134(1), p. 9–21.
- Demuru, M. & F. M., 2020. EEG artifact removal in tACS studies: Challenges and solutions. *Brain Stimulation*, 13(3), pp. 584-586.
- Demuru, M. & Fraschini, M., 2020. EEG Temporal Network Analysis in Neurodegenerative Disorders. *Brain Topography*, 33(3), p. 271–282.
- Fontes, L. et al., 2024. Enhancing Stress Detection: A Comprehensive Approach through rPPG Analysis and Deep Learning Techniques. *Sensors*, Volume 24, p. 1096.
- Gaikwad, P. & Paithane, A., 2017. Stress detection using EEG signal processing. *International Journal of Computer Applications*, 164(11), pp. 1-5.
- Geng, L., Hu, Z. & Xiao, Z., 2019. Real-time Fatigue Driving Recognition System Based on Deep Learning and Embedded Platform. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)*, 53(1), p. 164–175.
- Hyvärinen, A. & Oja, E., 2000. Independent component analysis: Algorithms and applications. *Neural Networks*, 13(4-5), pp. 411-430.

- ILO, I. L. O., 2020. *Managing Work-Related Psychosocial Risks During The COVID-19*, s.l.: ILO Publications.
- Islam, M. K., Rastegarnia, A. & Yang, Z., 2021. Impact of Ocular and Muscle Artifacts on EEG Stress Classification: A Deep Learning Approach. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, Volume 29, pp. 1234-1242.
- Jain, A., Sharma, R. & Patel, S., 2022. Stress recognition using facial thermal imaging and deep learning.. *IEEE*, 22(8).
- Jiang, X., Bian, G.-B. & Tian, Z., 2019. A Comprehensive Review of EEG-Based Artifact Removal Methods for Brain-Computer Interface Applications. *Journal of Neural Engineering*, 16(5).
- Jung, T.-P. et al., 2000. Removing Electroencephalographic Artifacts by Blind Source Separation. *Psychophysiology*, 37(2), pp. 163-178.
- Kaczorowska, M., Plewka, B. & Matysik, M., 2017. Comparative analysis of ICA and PCA in EEG artifact removal. *Journal of Medical Informatics & Technologies*, Volume 21, pp. 45-52.
- Katmah, R. et al., 2021. A Review on Mental Stress Assessment Methods Using EEG Signals. *Sensors*, Volume 27, p. 5043.
- Kemenkes RI, 2018. Hasil Riset Kesehatan Dasar Tahun 2018. *Kementrian Kesehatan RI*, 53(9), p. 1689–99.
- Kotowski, K., Ochab, J., Stapor, K. & Sommer, W., 2022. The Importance of Ocular Artifact Removal in Single-Trial ERP Analysis: The Case of the N250 in Face Learning. *Biomedical Signal Processing and Control*.
- Lady, L., Susihono, W. & Muslihati, A., 2017. Analisis Tingkat Stres Kerja Dan Faktor - Faktor Penyebab Stres Kerja Pada Pegawai BPBD Kota Cilegon. *Journal Industrial Servicess*.
- Lazarus, R. S. & Folkman, S., 1984. *Stress, Appraisal, and Coping*. s.l.:Springer Publishing Company.
- Lee, B. & Jeong, H. I., 2019. Construct validity of the perceived stress scale (PSS-10) in a sample of early childhood teacher candidates. *Psychiatry and Clinical Psychopharmacology*, 29(1), p. 76–82.
- Li, Y., Ma, Z., Lu, W. & Li, Y., 2019. Challenges and Solutions in EEG-Based Artifact Removal: A Review. *Frontiers in Neuroscience*, Volume 13, p. 1234.

- Maslach, C. & Leiter, M. P., 2016. Burnout. In *Stress: Concepts, Cognition, Emotion, and Behavior. Academic Press*, p. 351–357.
- McEwen, B. S., 2007. Physiology and neurobiology of stress and adaptation: Central role of the brain. *Physiological Reviews*, 87(3), p. 873–904.
- Mohammadi, S., Koushki, R. & Arabalibeik, H., 2016. Comparison of ICA and SSA in EEG artifact removal. *Journal of Biomedical Physics & Engineering*, 6(4), pp. 217-226.
- Mumtaz, W., Rasheed, S. & Irfan, A., 2021. Review of challenges associated with the EEG artifact removal methods. *Biomedical Signal Processing and Control*, Volume 67.
- Musthafa, A. R. & Tjandrasa, H., 2014. EEG SIGNAL CLASSIFICATION USING AAR AND SVM WITH EEG- GYROSCOPE SENSOR OF EMOTIV EPOC.
- Ng, K. K. & Sim, D. Y. Y., 2024. Effects of PCA-Enabled Machine Learning Classification of Stress and Resting State EEGs. *Proceedings of the BICS 2023 Conference*.
- Ng, K. K. & Sim, D. Y. Y., 2024. *Effects of PCA-Enabled Machine Learning Classification of Stress and Resting State EEGs*. s.l., s.n.
- Nijhawan, T., Attigeri, G. & Ananthakrishna, T., 2022. A survey on stress detection using social media. *Big Data Analytics*, 7(1), pp. 1-20.
- Pratama, I. W. P., 2021. *Analisis Komparasi Akurasi Metode FFT-KNN dan CNN dalam Pengenalan Angka (0-9) dengan Sinyal EEG*, s.l.: s.n.
- Pratama, I. W. P., Kesiman, M. W. A. & Gunadi, I. G. A., 2021. Frequency Band and PCA Feature Comparison for EEG Signal Classification. *Lontar Komputer*, 12(1).
- Roy, R. N., Charbonnier, S., Campagne, A. & Bonnet, S., 2014. Adaptive Neurophysiological Feedback for Stress Monitoring. *Frontiers in Neuroscience*, pp. 8-306.
- Stone, D. B. et al., 2018. Automatic removal of physiological artifacts in EEG: The optimized fingerprint method for sports science applications. *Frontiers in Human Neuroscience*, Volume 12, p. 95.
- Tamburro, G. et al., 2018. A Noise-Robust Approach for EEG-Based Stress Detection. *Frontiers in Neuroscience*, Volume 12, p. 798.

- TP1, J. et al., 2000. Removing electroencephalographic artifacts by blind. *Psychophysiology*, 37(2).
- Tran, T. D., Tran, T. & Fisher, J., 2013. Validation of the depression anxiety stress scales (DASS) 21 as a screening instrument for depression and anxiety in a rural community-based cohort of northern Vietnamese women. *BMC Psychiatry*.
- Urigüen, J. A. & Garcia-Zapirain, B., 2015. EEG Artifact Removal—State-of-the-Art. *Biomedical Signal Processing and Control*, Volume 21, p. 1–13.
- Wardoyo, R., Wirawan, I. M. A. & Pradipta, I. G. A., 2022. Oversampling Approach Using Radius-SMOTE for Imbalance Electroencephalography Datasets. *Emerging Science Journal*, 6(2).
- WHO, 2021. Occupational Health: Stress at The Workplace. *World Health Organization*.
- Wirawan, I. M. A., Darmawiguna, I. G. M. & Mancetham, D., 2023. *EEG-Based Control for Imagery Motor Signals of Exoskeleton*, s.l.: s.n.
- Wirawan, I. M. A. & Paramarta, I. K., 2024. *Acquisition of EEG Data for the Imagined Spelling of Balinese and Thai Alphabets*, s.l.: s.n.
- Wirawan, I. M. A., Retantyo Wardoyo, Lelono, D. & Kusrohmaniah, S., 2023. Continuous Capsule Network Method for Improving EEG-Based Emotion Recognition. *Emerging Science Journal*, 7(1).
- Wirawan, I. M. A., Wardoyo, R. & Lelono, D., 2022. The Challenges of Emotion Recognition Methods Based on Electroencephalogram Signals: A Literature Review. *IJECE*, 12(2), pp. 1508-1519 .
- Wirawan, I. M. A. et al., 2021. Comparison of baseline reduction methods for emotion recognition based on electroencephalogram signals. *International Conference on Informatics and Computing (ICIC)*, pp. 1-9.
- Wirawan, I. M. A., Wardoyo, R., Lelono, D. & Kusrohmaniah, S., 2022. Modified Weighted Mean Filter to Improve the Baseline Reduction Approach for Emotion Recognition. *Emerging Science Journal*, 6(6), pp. 1255-1273.
- Wirawan, I. M. I. M. A. et al., 2024. Indonesian Motor Imagery Dataset (InMID). *Mendeley Data*.
- Yang, B., Zhang, T. & Liu, Y., 2018. Baseline correction in EEG analysis: A comparative study. *Frontiers in Neuroscience*.

Zhang, L., Wang, Y. & Chen, X., 2021. Eye blink rate as a stress indicator: A computer vision approach. *IEEE*, 13(3), pp. 1455-1464.

