

DAFTAR PUSTAKA

- Abdullah, A. A., Subasi, A., & Qaisar, S. M. (2017). Surface EMG signal classification by using WPD and ensemble tree classifiers. *IFMBE Proceedings*, 62, 475–481. https://doi.org/10.1007/978-981-10-4166-2_73
- Amin, M. Al, & Juniati, D. (2017). Klasifikasi Kelompok Umur Manusia Berdasarkan Analisis Dimensi Fraktal Box Counting Dari Citra Wajah Dengan Deteksi Tepi Canny. *Jurnal MATH UNESA*, 2(6).
- Atmaji, C., Santoso, Y. W., Hujja, R. M., & Dharmawan, A. (2021). Klasifikasi Gerakan Jari Tangan Berdasarkan Sinyal Electromyogram Pada Lengan. *Indonesian Journal of Electronics and Instrumentation System*, 11(1), 71–82. <https://doi.org/10.22146/ijeis.60741>
- Boland, M. R., Spigelman, T., & Uhl, T. L. (2008). The Function of Brachioradialis. *Journal of Hand Surgery*, 33(10), 1853–1859. <https://doi.org/10.1016/j.jhsa.2008.07.019>
- Cao, L., Wang, Y., Hao, D., Rong, Y., Yang, L., Zhang, S., & Zheng, D. (2017). Effects of force load, muscle fatigue, and magnetic stimulation on surface electromyography during side arm lateral raise task: a preliminary study with healthy subjects. *BioMed Research International*, 2017. <https://doi.org/10.1155/2017/8943850>
- Dorgham, O., Al-Mherat, I., Al-Shaer, J., Bani-Ahmad, S., & Laycock, S. (2019). Smart system for prediction of accurate surface electromyography signals using an artificial neural network. *Future Internet*, 11(1). <https://doi.org/10.3390/FI11010025>
- Falih, A. dwi irwan. (2017). Klasifikasi Sinyal Emg Dari Otot Lengan Sebagai Media Kontrol Menggunakan Naïve Bayes. In *Tesis*. Institut Teknologi Sepuluh Nopember, Surabaya.
- Findik, M., Yilmaz, S., & Koseoglu, M. (2020). Random Forest Classification of Finger Movements using Electromyogram (EMG) Signals. *Proceedings of IEEE Sensors, 2020-Octob*, 2020–2023. <https://doi.org/10.1109/SENSORS47125.2020.9278619>
- Hani, S. (2020). Pemodelan Objek 3d Otot Manusia (Otot Rangka, Otot Jantung, Dan Otot Polos) Menggunakan Blender 3d. In *Skripsi*. Fakultas IlmuKomputer Dan Teknologi Informasi, Universitas Sumatra Utara, Medan.
- Harmono, H. D. (2020). Validasi Metode Analisis Logam Merkuri (Hg) Terlarut pada Air Permukaan dengan Automatic Mercury Analyzer. *Indonesia Journal of Laboratory*, 2(3), 11–16. <https://doi.org/ISSN 2655 1624>
- Jia, R., Yang, L., Li, Y., & Xin, Z. (2021). Gestures recognition of sEMG signal based on Random Forest. *Proceedings of the 16th IEEE Conference on Industrial Electronics and Applications, ICIEA 2021*, 1673–1678. <https://doi.org/10.1109/ICIEA51954.2021.9516350>
- Jose, N., Raj, R., Adithya, P. K., & Sivanadan, K. S. (2017). Classification of forearm movements from sEMG time domain features using machine learning algorithms. *IEEE Region 10 Annual International Conference, Proceedings/TENCON, 2017-*

Decem, 1624–1628. <https://doi.org/10.1109/TENCON.2017.8228118>

- Khushaba, R. N., Al-Timemy, A., Kodagoda, S., & Nazarpour, K. (2016). Combined influence of forearm orientation and muscular contraction on EMG pattern recognition. *Expert Systems with Applications*, 61, 154–161. <https://doi.org/10.1016/j.eswa.2016.05.031>
- Lukar, T. Y. H. ., & Setiawan, F. B. (2019). *Deteksi Sinyal Otot Manusia Pada Android Menggunakan Sensor Elektromiografi Berbasis Mikrokontroler Arduino Uno*. 99–106. <https://doi.org/10.5614/sniko.2018.15>
- Machado, G., Mendoza, M. R., & Corbellini, L. G. (2015). What variables are important in predicting bovine viral diarrhea virus? A random forest approach. *Veterinary Research*, 46(1). <https://doi.org/10.1186/s13567-015-0219-7>
- Mulyadani, W., Mujibtamala, A., Anam, K., Sumardi, Widjonarko, & Fitri, Z. (2020). *Pengenalan Pola Sinyal Electromyography (EMG)*. 8(3), 591–601.
- Mustiadi, I., Widodo, T. S., & Soesanti, I. (2012). *Analisis Ekstraksi Ciri Sinyal Emgmenggunakan Wavelet Discrete Transform*. 2012(semnasIF), 41–47.
- Nahrstaedt, H. (2017). Automatic Detection and Assessment of Swallowing Based on Bioimpedance and Electromyography Measurements Enabling Control of Functional Electrical Stimulation. *DepositOnce – Institutional Repository for Research Data and Publications of TU Berlin*, November. <https://doi.org/10.14279/depositonce-6427>
- Palkowski, A., Redlarski, G., Rzyman, G., & Krawczuk, M. (2018). Basic evaluation of limb exercises based on electromyography and classification methods. *2018 International Interdisciplinary PhD Workshop, IIPhDW 2018*, 323–325. <https://doi.org/10.1109/IIPHDW.2018.8388382>
- Pamuji, F. Y., & Ramadhan, V. P. (2021). Komparasi Algoritma Random Forest dan Decision Tree untuk Memprediksi Keberhasilan Immunotherapy. *Jurnal Teknologi Dan Manajemen Informatika*, 7(1), 46–50. <https://doi.org/10.26905/jtmi.v7i1.5982>
- Pratiwi, I., Purnomo, Dharmastiti, R., & Setyowati, L. (2014). Letak Elektroda Elektromiografi pada Upper Extremity Muscle. *Prosiding Seminar Nasional TEKNOIN*, 1–7.
- Primajaya, A., & Sari, B. N. (2018). Random Forest Algorithm for Prediction of Precipitation. *Indonesian Journal of Artificial Intelligence and Data Mining*, 1(1), 27. <https://doi.org/10.24014/ijaidm.v1i1.4903>
- Priyonoadi, B. (2007). Perawatan cedera siku. *MEDIKORA Pendidikan Kesehatan Dan Rekreasi FIK UNY*, 3(2), 246–272.
- Putra, D. S., Wibawa, A. D., & Purnomo, M. H. (2016). Klasifikasi Sinyal Emg Pada Otot Tungkai Selama Berjalan Menggunakan Random Forest. *Jurnal Inotera*, 1(1), 51–56.
- Raharjo, A. B., Fatukhurrozi, B., & Nawawi, I. (2020). Analisis sinyal electromyography (emg) pada otot biceps brachii untuk mendeteksi kelelahan otot dengan metode median frekuensi. *Journal of Electrical Engineering, Computer and Information Technology*, 1(1), 1–5. <https://jurnal.untidar.ac.id/index.php/thetaomega/article/view/3046/1409%0Ahttps://jurnal.untidar.ac.id/index.php/thetaomega/article/view/3046>

- Rahayuningsih, I., Wibawa, A. D., & Pramunanto, E. (2018). Klasifikasi Bahasa Isyarat Indonesia Berbasis Sinyal EMG Menggunakan Fitur Time Domain (MAV, RMS, VAR, SSI). *Jurnal Teknik ITS*, 7(1). <https://doi.org/10.12962/j23373539.v7i1.29967>
- Rusli, R. H. (2017). Perancangan Electromyograph (EMG) Untuk Gerakan Jari Pada lengan Bawah Anterior. In *Skripsi*. Fakultas Teknik, Universitas Brawijaya, Malang.
- Triwiyanto, T., Yulianto, E., Wisana, I. D. G. H., Mak'ruf, M. R., Irianto, B. G., Endang, D. S., Mukti, R. H., & Herdinanta, D. S. (2021). Electromyography feature analysis to recognize the hand motion in a prosthetic hand design. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, 50, 25–37. <https://doi.org/10.4028/www.scientific.net/JBBBE.50.25>
- Wang, J., Tang, L., & E Bronlund, J. (2013). Surface EMG Signal Amplification and Filtering. *International Journal of Computer Applications*, 82(1), 15–22. <https://doi.org/10.5120/14079-2073>
- Yahya, A. B., Daud, W. M. B. W., Horng, C. S., & Sudirman, R. (2014). Electromyography signal on biceps muscle in time domain analysis. *Journal of Mechanical Engineering and Sciences*, 7(1), 1179–1188. <https://doi.org/10.15282/jmes.7.2014.17.0115>
- Yuliantari, R. V., Hidyat, R., Wahyunggoro, O., & Nugroho, A. (2016). Pengenalan Tutur Vokal Bahasa Indonesia Menggunakan Metode Multi Layer Perceptron. *Jurnal Teknologi*, 9(2), 141–147.