# DAFTAR PUSTAKA

[1] U. S. Islami, "Perancangan Sistem Optimasi Algoritma Common Spatial Pattern Menggunakan Perhitungan Energy Selection Pada Sinyal Electroencephalogram (EEG)," *e-Proceeding of Engineering ,* Vols. Vol.4, No.3 , pp. 3735-3742, 2017.

[2] I. Herdiansyah, E. C. Djamal and A. Komarudin, "Klasifikasi Sinyal EEG Terhadap Tiga Kondisi Pikiran Menggunakan Autoregressive dan Adaptive Backpropagation," in *Seminar Nasional Aplikasi Teknologi Informasi (SNATi)*, Yogyakarta, 2017.

[3] E. Fatmawati, Prawito and S. K. Wijaya, "Pengembangan Alat Bantu Pemodelan Terapi Lengan Pasca Stroke Dengan Memanfaatkan Sinyal Electroencephalography (EEG) Menggunakan Emotiv," *Prosiding Seminar Nasional Fisika (E-Journal) SNF2016,* vol. Volume V, pp. 33-38, 2016.

[4] Z. L, M. A. G and S. A, "Metode Baru Menyalakan Lampu Dengan Perintah Suara Berbasis Arduino Uno Menggunakan Smartphone," *Journal of Electrical Technology,Vol. 4, No.3,* p. ISSN : 2598 – 1099 (Online), 2019.

[5] A. Srivastava, A. M. Lal, A. Jain, M. Furkan and A. Singh, "EEG Based Home Appliance Control For Providing," *International Journal of Electrical, Electronics and Data Communication,* pp. ISSN: 2320-2084, 2015.

[6] D. Anggraeni, M. Sanjaya and M. Y. S.N., "Rancang Bangun Smarthome Menggunakan Headset Mindwave," *ALHAZEN Journal of Physics Vol. II No. 2,* pp. ISSN: 2407-9073, 2016.

[7] M. T. Tombeng and R. M. E. Rumayar, "Sistem Pengontrolan Lampu Menggunakan Sensor," *Cogito Smart Journal/VOL. 3/NO. 2,* pp. 240-248, 2017.

[8] A. C. Bintoro, "Pemeriksaan EEG untuk Diagnosis dan Monitoring pada Kelainan Neurologi," *Med Hosp,* vol. Vol 1 (1), pp. 64-70, 2012.

[9] T. Tamura, Seamless Healthcare Monitoring, Berlin: Springer, 2018.

[10] E. C. Djamal and H. A. Tjokronegoro, "Identifikasi dan Klasifikasi Sinyal EEG terhadap Rangsangan Suara dengan Ekstraksi Wavelet dan Spektral Daya," *PROC. ITB Sains & Tek.,* Vols. Vol. 37 A, No. 1, pp. 69-92, 2005.

[11] D. P. Subha, P. K. Joseph, R. A. U and C. M. Lim, "EEG Signal Analysis: A Survey," *J Med Syst,* p. 195–212 , 2010.

[12] N. B. Aji and H. Tjandrasa, "Klasifikasi EEG Epilepsi Menggunakan Singular Spectrum Analysis, Power Spectral Density Dan Convolution

Neural Network," *JUTI: Jurnal Ilmiah Teknologi Informasi,* Vols. Vol. 15, No. 2, p. 185 – 194, 2017.

[13] S. Sanei and J. Chambers, EEG Signal Processing, Cardiff University, UK: John Wiley & Sons Ltd, 2007.

[14] L.-D. Liao, C.-T. Lin, K. McDowell, A. E. Wickenden, K. Gramann, T.-P. J. L.-W. Ko and J.-Y. Chang, "Biosensor Technologies for Augmented Brain–Computer Interfaces in the Next Decades," *Proceedings of the IEEE ,* vol. Vol. 100, pp. 1533-1566, 2012.

[15] A. Siswoyo, Z. Arief and I. A. Sulistijono, "Application of Artificial Neural Networks in Modeling Direction Wheelchairs Using Neurosky Mindset Mobile (EEG) Device," *EMITTER International Journal of Engineering Technology,* vol. Vol. 5 No.1, no. ISSN: 2443-1168, pp. 170-191, 2017.

[16] A. H. Brilian, H. Tjandrasa and C. Fatichah, "Pengenalan Sandi Morse Dari Sinyal Electroencephalogram Yang Direkam Perangkat *Neurosky Mindwave* Menggunakn Dynamic Time Warping," *JUTI: Jurnal Ilmiah Teknologi Informasi,* Vols. Volume 14, Nomor 1, p. 63 – 71, 2016.

[17] A. P. D. A. Sezer, A. P. D. Y. İnel, L. A. Ç. Seckin and R. A. U. Ulucinar, "An Investigation of University Students' Attention Levels in Real Classroom Settings with NeuroSky's MindWave Mobile (EEG) Device," in *IETC*, Turki, 2015.

[18] A. N. N. Chamim, "Penggunaan Microcontroller Sebagai Pendeteksi Posisi Dengan Menggunakan Sinyal GSM," *Jurnal Informatika,* vol. Vol. 4 No. 1, pp. 430 - 439, 2010.

[19] A. A. Galadima, "Arduino as a learning tool," in *2014 11th International Conference on Electronics, Computer and Computation (ICECCO)*, Abuja, Nigeria, 2014.

[20] Bahrin, "Sistem Kontrol Penerangan Menggunakan Arduino Uno Pada Universitas Ichsan Gorontalo," *ILKOM Jurnal Ilmiah,* vol. Volume 9 Nomor 3, pp. 282-289, 2017.

[21] D. K. Rath, "Arduino Based: Smart Light Control System," *International Journal of Engineering Research and General Science,* vol. Volume 4, no. Issue 2, pp. 784 - 790, 2016.

[22] Amalia, M. S. Lydia, S. D. Fadillah and M. Huda, "Perbandingan Metode Klaster dan Preprocessing untuk Dokumen Berbahasa Indonesia," *Jurnal Rekayasa Elektrika,* vol. Vol. 14 No. 1, pp. 35-42, 2018.

[23] A. S. Herlambang, O. D. Nurhayati and K. T. Martono, "SistemPendeteksi Kualitas Daging Dengan Ekualisasi Histogram Dan Thresholding Berbasis Android," *Jurnal Teknologi dan Sistem Komputer,* vol. Vol.4 No.2, pp. 404-413, 2016.

[24] S. Siuly, Y. Li and Y. Zhang, EEG Signal Analysis and Classification, Australia: Springer, 2016.

[25] M. Nafea, A. 'Aisha, N. Ashikin and F. Khairi, "Brainwave-Controlled System for Smart Home Applications," in *2018 2nd International Conference on BioSignal Analysis, Processing and Systems (ICBAPS)*, Malaysia, 2018.

[26] J. G. J. Schier, S. V. H. E. Conchon and C. C. A. F. H. G. (Eds.), Biomedical Engineering Systems and Technologies, Vilamoura, Portugal: Springer, 2012.