DAFTAR PUSTAKA

Adolph, D., von Glischinki, M., Wannemuller, A., dan Margraf, J., 2017, The influence of frontal alpha-asymmetry on the processing of approach- and withdrawal-related stimuli—A multichannel psychophysiology study, *Psychophysiology*, Vol. 54, No. 9, hal. 1295-1310.

Astolfi, L., De Fico Fallani, F., Cincotti, F., *et al*, 2008, Neural basis for brain responses to TV commercials: A high-resolution EEG study, *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, Vol. 16, No. 6, hal. 522-531.

Badan Pusat Statistik, 2018, *Perkembangan Jumlah Kendaraan Bermotor Menurut Jenis, 1949-2017*, https://www.bps.go.id/linkTableDinamis/view/id/1133 diakses *online* pada 11 Mei 2020.

Baker, C. M., Burks, J. D., Briggs, R. G., *et al*, 2018, A Connectomic Atlas of The Human Cerebrum Chapter 1: Introduction, Methods, and Significance, *Oper Neurosurg (Hagerstown)*, Vol. 15, No. 1, hal. 1-9.

Brahmankar, D., Dange, R., dan Mankar, V., 2012, The Effect of Resonance on Human Consciousness, *International Journal of Computer Applications*, hal. 15-17.

Buss, K., Schumacer, M., Dolski, I., *et al*, 2003, Right frontal brain activity, cortisol, and withdrawal behavior in 6-month-old infants, Behavioral Neuroscience, Vol. 117, No. 1, hal. 11-20.

Cahyani, S. D., 2019, *Pengaruh Modalitas Display In-Vehicle Navigation Systems (IVNS) terhadap Atensi* Visual *Pengemudi*, Bachelor of Science Thesis Report, Universitas Gadjah Mada, Yogyakarta.

Coan, J., dan Allen, J., 2004, Frontal EEG asymmetry as a moderator and mediator of emotion, *Biological Psychology*, Vol. 67, No. 1-2, hal. 7-50.

Cohen, J., 1988, *Statistical Power Analysis for the Behavioral Sciences 2nd Ed*, Lawrence Erlbaum Associates, Hillsdale, New Jersey.

Cohen, Y., Russ, B., dan Gifford, G., 2005, Audio processing in the posterior parietal cortex, *Behavioral and Cognitive Neuroscience Reviews*, Vol. 4, No. 3, hal. 218-231.

Corballis, M., 2009, The evolution and genetics of cerebral asymmetry, *Philosophical Transactions of the Royal Society B: Biological Sciences*, Vol. 364, No. 1519, hal. 867-879.

Davidson, R. J., Schwartz, G. E., Saron, C., Bennett, J., dan Goleman, D. J., 1979, Frontal versus parietal EEG asymmetry during positive and negative affect, *Psychophysiology*, Vol. 16, hal. 202-203.

Davidson, R., 2004, What does the prefrontal cortex "do" in affect: Perspectives on frontal EEG asymmetry research, *Biological Psychology*, Vol. 67, No. 1-2, hal. 219-234.

Dharmawan, Z., 2007, Analysis of Computer games Players Stress Level Using EEG Data, *Master of Science Thesis Report*, Delft University of Technology Netherlands.

Falikha, T. N., 2019, *Pengaruh Modalitas Display Pada Display In-Vehicle Navigation Systems (IVNS) Terhadap Aktivitas Otak Pengemudi*, Bachelor of Science Thesis Report, Universitas Gadjah Mada, Yogyakarta.

Flores, L., 2002, Occipital lobe morphological anatomy: Anatomical and surgical aspects, *Arquivos de Neuro-Psiquiatria*, Vol. 60, No. 3A, hal. 566-571.

Foster, J., Eskes, G., dan Stuss, D., 1994, The cognitive neuropsychology of attention: A frontal lobe perspective, *Cognitive Neuropsychology*, Vol. 11, No. 2, hal. 133-147.

Gartocci, G., Maglione, A., Vecchiato, G., *et al*, 2018, Frontal brain asymmetries as effective parameters to assess the quality of audiovisual stimuli perception in adult and young cochlear implant users, *Acta Otorhinolaryngologica Italica*, Vol. 38, No. 4, hal. 346-360.

Gasser, T., Bächer, P., dan Möcks, J., 1982, Transformations towards the normal distribution of broad band spectral parameters of the EEG, *Electroencephalography and Clinical Neurophysiology*, Vol. 53, No. 1, hal. 119-124.

Grimshaw, G., dan Wilson, M., 2013, A sinister plot? Facts, beliefs, and stereotypes about the left-handed personality, *Laterality*, Vol. 18, No. 2, hal. 135-151.

Hatfield, R., 2017, *Right Temporal Lobe Function* https://healthfully.com/righttemporal-lobe-functions-35962.html, diakses *online* pada 14 Mei 2020.

Hyundai, 2018, *The Evolution of In-Car Navigation System*, https://www.hyundai.news/eu/stories/the-evolution-of-in-car-navigation-systems/, diakses *online* pada 11 Mei 2020.

ItsuSync, 2019, *Different Types of Brain Waves: Delta, Theta, Alpha, Beta, Gamma*, https://itsusync.com/different-types-of-brain-waves-delta-theta-alpha-beta-gamma, diakses *online* pada 14 Mei 2020.

Jensen, B. S., Skov, M. B., dan Thiruravichandran, N., 2010, Studying Driver Attention and Behaviour for Three Configurations of GPS Navigation in Real Traffic Driving, *Conference on Human Factors in Computing System*, hal. 1271-1280.

Klimesch, W., Schimke, H., dan Schwaiger, J., 1994, Episodic and Semantic Memory an Analysis in The EEG Theta and Alpha Band, *Electroencehpalogaphy and Clinical Neurophysiology*, Vol.91, hal. 428-441.

Koudelkova, Z., dan Jasek, R., 2019, Capturing brain activity during driving automobile, *Transportation Research Procedia*, Vol. 40, hal. 1434-1440.

Kujala, T., Grahn, H., Mäkelä, J., dan Lasch, A., 2016, On the Visual Distraction Effects of Audio-Visual Route Guidance, *8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications*, hal. 169-176.

Landsdown, T. C., Carter, N. B., dan Kersloot, T., 2004, Distraction from multiple in-vehicle secondary tasks: vehicle performance and mental workload implications, *Ergonomics*, Vol. 47, No. 1, hal. 91-104.

Large, D. R. dan Burnett, G. E., 2014, The effect of different navigation voices on trust and attention while using in-vehicle navigation systems, *Journal of Safety Research*, Volume 49, hal. 69-75.

Lee, J. D., Young, K. L., dan Regan, M. A., 2008, Defining driver distraction, *Driver Distraction: Theory, Effects, and Mitigation*, hal. 31-40.

Lee, W. dan Cheng, B., 2007, Effects of using a portable navigation system and paper map in real driving, *Accident Analysis and Prevention*, Volume 40, No.1, hal. 303-308.

Leite, J. P., 2018, *A Brief History of GPS In-Car Navigation*, https://ndrive.com/brief-history-gps-car-navigation/, diakses *online* pada 11 Mei 2020.

Leopold, C., 2018, *Everything you need to know about the cerebellum*, https://www.medicalnewstoday.com/articles/313265.php, diakses *online* pada 14 Mei 2020.

Lewis, R., Weekes, N., dan Wang, T., 2007, The effect of a naturalistic stressor on frontal EEG asymmetry, stress, and health, *Biological Psychology*, Vol. 75, No. 3, hal. 239-247.

Liable, G., 1990, In-car road information: comparisons of audio and visual presentations, *in Proceedings of the Human Factors Society 34th Annual Meeting*, hal. 623-627.

Lin, C. T., Chen, S. A., Chiu, T. T., Lin, H. Z., dan Ko, L. W., 2011, Spatial and temporal EEG dynamics of dual-task driving performance, *Journal of NeuroEngineering and Rehabilitation*, Vol. 8, No. 11.

Lin, C. T., King, J. T., Singh, A. K., Gupta, A., Ma, Z., Lin, J. W., Machado, A. M. C., Appaji, A., dan Prasad, M., 2018, Voice Navigation Effects on Real- World Lane Chane Driving Analysis Using Electroencephalogram, *IEEE: Special Selection on Human-Centered Smart Systems and Technologies*, Vol. 6, hal. 26.483-26.492

Liu, Y. C., 2001, Comparative study of the effects of audio, visual, and multimodality *display* on driver's performance in advanced traveller information systems, *Ergonomics*, Vol. 44, No.4, hal. 425-442.

Lordi, G., 2013, *Categorizing Brainwave States* (*Gamma, Beta, Theta, Alpha & Delta*), https://www.giovannilordi.com/blog/categorizing-brainwave-statesgamma-beta-theta-alpha-delta, diakses *online* pada 14 Mei 2020.

Machado, S., Portella, C., Silva J., *et al*, 2007, Changes in quantitative EEG absolute power during the task of catching an object in free fall, *Arquivos de Neuro-Psiquiatria*, Vol 65, No. 3A, hal. 633-636.

Matsuyoshi, D., Ikeda, T., Sawamoto, N., *et al*, 2012, Differential roles for parietal and occipital cortices in visual working memory, *PloS One*, Vol. 7, No. 5, hal. 4-8.

Mayfield Brain & Spane, 2019, *Anatomy of the Brain,* https://mayfieldclinic.com/pe-anatbrain.htm, diakses *online* pada 14 Mei 2020.

Miller, M.D., and Thompson, S.R., 2009, DeLee and Drez's Orthopaedic Sport Medicine E-Book: 2-Volume Set, *Elsevier Health Sciences*.

National Highway Traffic Safety Administration, 2001, *Statement of L. Robert Shelton Executive Director National Highway Traffic Safety Administration Before The Subcomittee on Highways and Transit Committee on Transportation and Infrastructure U.S. House of Representatives*, https://one.nhtsa.gov/nhtsa/announce/testimony/distractiontestimony.html, diakses *online* pada 11 Mei 2020.

National Highway Traffic Safety Administration, 2008, *Driver Distraction: A Review of the Current State-of-Knowlage*, https://www.nhtsa.gov/sites/nhtsa.dot.gov/files/810787_0.pdf, diakses *online* pada 11 Mei 2020.

Nippon, 2018, *Japan Toughens Penalties for Smartphone Use While Driving*, https://www.nippon.com/en/japan-data/h00620/japan-toughens-penalties-for-smartphone-use-while-driving.html , diakses *online* pada 12 Juli 2020.

Neidermeyer, E., dan Silva, F. L., 2005, *Electroencephalography: basic principles, clinical applications, and related fields*, Lippincott Williams & Wilkins, Philadelphia, London.

Ocklenburg, S., dan Güntürkün, O., 2012, Hemispheric asymmetries: The comparative view, *Frontiers in Psychology*, Vol. 3, hal. 1-9.

Pharma Tips, 2013, *Anatomy & Physiology of the Brain*, http://www.pharmatips.in/Articles/Human-Anatomy/Anatomy-Physiology-Of-The-Brain.aspx, diakses *online* pada 14 Mei 2020.

Poole, B., dan Gable, P., 2014, Affective motivational direction drives asymmetric frontal hemisphere activation, *Experimental Brain Research*, Vol. 232, No. 7, hal. 2121-2130.

Ramadhan, R. M., 2019, *Pengaruh Modalitas In-Vehicle Navigation Systems (IVNS) terhadap Situational Awarness dan Kinerja Pengemudi*, Bachelor of Science Thesis Report, Universitas Gadjah Mada, Yogyakarta.

Rogers, L., 2014, Asymmetry of brain and behavior in animals: Its development, function, and human relevance, *Genesis*, Vol. 52, No. 6, hal. 555-571.

Seo, S., Gil, Y., dan Lee, J., 2008, The relation between affective style of stressor on EEG asymmetry and stress scale during multimodal task, *3rd International Conference on Convergence and Hybrid Information Technology*, Vol. 1, hal. 461-466.

Sena, P., d'Amore, M., Brandimonte, M. A., Squitieri, R., dan Fiorentino, A., 2016, Experimental framework for simulators to study driver cognitive distraction: brake reaction time in different levels of arousal, *Transportation Research Procedia*, Vol.14, hal. 4410-4419.

Schaffer, C. E., Davidson, R. J., dan Saron, C., 1983, Frontal and parietal electroencephalogram asymmetry in depressed and nondepressed subjects. *Biological Psychiatry*, Vol 18, No. 7, hal. 753-762.

Spinal Cord, 2019, *Temporal Lobe*, https://www.spinalcord.com/temporal-lobe, diakses *online* pada 14 Mei 2020.

Srinivasan, R. dan Jovanis, P. P., 1997, Effect of Selected In-Vehicle Route Guidance Systems on Driver Reaction Times, *Human Factor*, Vol. 39, No.2, hal. 200-215.

Takeshima, Y., dan Gyoba, J., 2014, Hemispheric Asymmetry in the Audio Facilitation Effect in Dual-Stream Rapid Serial Visual Presentation Tasks, *PloS One*, Vol. 9, No. 8.

Tanaka, K., 2001, Temporal Lobe, *International Encyclopedia of the Social & Behavioral Sciences*, hal. 15595-15599

Villines, Z., 2017, *Frontal lobe: Functions, Structure, and Damage*, https://www.medicalnewstoday.com/articles/318139.php, diakses *online* pada 14 Mei 2020.

Walker, J., Alicandri, E., Sedney, C., dan Roberts, K., 1991, In-vehicle navigation devices: EVects on the safety of driver performance, *In-Vehicle Navigation and Information Systems Conference Proceedings*, hal. 499-525

Wang, Y., Sokhadze, E., El-Baz, A. *et al*, 2016, Relative power of specific eeg bands and their ratios during neurofeedback training in children with autism spectrum disorder, *Frontiers in Human Neuroscience*, Vol 9.

Wunderlich, A., dan Gramann, K., 2018, Electrocortical Evidence for Long-Term Incidental Spatial Learning Through Modifed Navigation Instructions, *BioRxiv: The Preprint Server for Biology*, Vol. 3, hal. 1-15.

Yilmaz, B., Korkmaz, S., Arslan D., *et al*, 2014, Like/dislike analysis using EEG: Determination of most discriminative channels and frequencies, *Computer Methods and Programs in Biomedicine*, Vol. 113, No. 2, hal. 705-713.

Zaidel, E., 2001, Brain Asymmetry, *International Encyclopedia of the Social & Behavioral Sciences*, hal. 1321-1329

Zhang, Y., Kaber, D. B., Rogers, M., Liang, Y., dan Gangakhedkar, S., 2014, The Effects of Visual and Cognitive Distractions on Operational and Tactical Driving Behaviours, *Human Factors*, Vol. 56, hal. 592-604.