DAFTAR PUSTAKA

Adler, A., & Madni, A. (2018). High Reliability Imperative for Autonomous Networked Vehicles. 57-64. https://doi.org/10.1007/978-3-319-62217-0_5

Arakawa, T., Hibi, R., & Fujishiro, T. (2019). Psychophysical assessment of a driver's mental state in autonomous vehicles. Transportation Research Part A-policy and Practice, 124, 587–610. https://doi.org/10.1016/j.tra.2018.05.003

Athavale, J., Baldovin, A., Graefe, R., Paulitsch, M., & Rosales, R. (2020). AI and Reliability Trends in Safety-Critical Autonomous Systems on Ground and Air. 2020 50th Annual IEEE/IFIP International Conference on Dependable Systems and Networks Workshops (DSN-W), 74-77. https://doi.org/10.1109/DSN-W50199.2020.00024

Balfe, N., Sharples, S., & Wilson, J. R. (2015), Impact of automation: Measurement of performance, workload and behaviour in a complex control environment. *Applied Ergonomics*, *47*, 52–64. https://doi.org/10.1016/j.apergo.2014.08.002

Calvi, A., D'Amico, F., Ferrante, C., & Ciampoli, L. B. (2020). A driving simulator study to assess driver performance during a car-following maneuver after switching from automated control to manual control. Transportation Research Part F-traffic Psychology and Behaviour, 70, 58–67. https://doi.org/10.1016/j.trf.2020.02.014

Cao, Y., Zhou, F., Pulver, E., Molnar, L., Robert, L., Tilbury, D., & Yang, J. (2021). Towards standardized metrics for measuring takeover performance in conditionally automated driving: A systematic review. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 65, 1065 - 1069. https://doi.org/10.1177/1071181321651213

Corcoba Magaña, Víctor & Organero, Mario & Alvarez-Garcia, Juan & Fernández Rodríguez, Jorge. (2017). Design of a Speed Assistant to Minimize the Driver Stress. ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal. 6. 45. https://doi.org/10.14201/ADCAIJ2017634556

DeGuzman, C., Hopkins, S., & Donmez, B. (2020). Driver Takeover Performance and Monitoring Behavior with Driving Automation at System-Limit versus System-Malfunction Failures. Transportation Research Record, 2674, 140 - 151. https://doi.org/10.1177/0361198120912228

Dikmen, M., & Burns, C. M. (2016), Autonomous Driving in the Real World: Experiences with Tesla Autopilot and Summon. Proceedings of the 8th International Conference on Automotive User Interfaces and Interactive Vehicular Applications, 225–228. https://doi.org/10.1145/3003715.3005465

Favarò, F., Eurich, S., & Nader, N. (2018), Autonomous Vehicles' Disengagements: Trends, Triggers, and Regulatory Limitations. *Accident Analysis & Prevention*, *110*, 136–148. https://doi.org/10.1016/j.aap.2017.11.001

Fouladinejad, N., Fouladinejad, N., Abd Jalil, M. K., & Taib, J. M., 2011, Modelling Virtual Driving Environment for a Driving Simulator. *2011 IEEE*

International Conference on Control System, Computing and Engineering, 27–32. https://doi.org/10.1109/ICCSCE.2011.6190490

Funke, Gregory & Matthews, Gerald & Warm, Joel & Emo, Amanda & Fellner, Angela. (2005). The Influence of Driver stres, Partial-Vehicle Automation, and Subjective State on Driver Performance. Proceedings of the Human Factors and Ergonomics Society Annual Meeting. 49. 936-940. https://doi.org/10.1177/154193120504901014

Funke, G., Matthews, G., Warm, J., & Emo, A. (2007). Vehicle automation: A remedy for driver stress?. Ergonomics, 50, 1302 - 1323. https://doi.org/10.1080/00140130701318830

Gould, J.D. and Lewis, C. (1985), Designing for Usability: Key Principles and What Designers Think. Communications of the ACM, vol. 28, no. 3, pp.300- 311. https://doi.org/10.1145/3166.3170

Greenlee, E., Delucia, P., & Newton, D. (2022). Driver Vigilance Decrement is More Severe During Automated Driving than Manual Driving.. Human factors. https://doi.org/10.1177/00187208221103922

Gulian, E., Matthews, G., Glendon, A., Davies, D., & Debney, L. (1989). DIMENSIONS OF DRIVER stress. Ergonomics, 32, 585-602. https://doi.org/10.1080/00140138908966134

Gunawan, E., Caecilia, S. W., & Mustofa, F. H. (2013). Rancangan Alat Ukur Galvanic Skin Response Menggunakan Konsep Hirarki Chart *. Jurnal Online Institut Teknologi Nasional ©Teknik, 1(1), 238–244.

Gupta, R. (2023), Fault Tree Analysis of the Reliability of Electric Vehicles in India. Journal of Applied Mathematics and Physics, 11(07), 1930–1944. https://doi.org/10.4236/jamp.2023.117125

Gusfi, Y. P. (2023). Analisis Pengaruh Perbedaan Level Otomasi Dan Jenis Pesan Error Pada Autonomous Vehicle Terhadap Pengemudi Menurut Perspektif Ergonomi. Universitas Gadjah Mada.

Healey, J., & Picard, R. (2000). SmartCar: detecting driver stress. Proceedings 15th International Conference on Pattern Recognition. ICPR-2000, 4, 218-221 vol.4. https://doi.org/10.1109/ICPR.2000.902898

Jamson, A., Merat, N., Carsten, O., & Lai, F. (2013). Behavioural changes in drivers experiencing highly-automated vehicle control in varying traffic conditions. Transportation Research Part C-emerging Technologies, 30, 116-125. https://doi.org/10.1016/J.TRC.2013.02.008

Jamson, H., & Smith, P. (2005). Drivers' Perception of and Response to Brake Failure. , 2. https://doi.org/10.17077/DRIVINGASSESSMENT.1129

Jamson, H., Merat, N., Carsten, O., & Lai, F. (2017). Fully-Automated Driving: The Road to Future Vehicles. , 6, 2-9. https://doi.org/10.17077/DRIVINGASSESSMENT.1370

Ilková, V., Ilka, A. (2017). Legal aspects of autonomous vehicles – an overview. International Conference on Process Control (PC) 6. https://doi.org/10.1109/PC.2017.7976252

Larkin, J. (2019). Self-Driving Cars Moving into the Industry's Driver's Seat – IHS Automotive Study. AI Online.

https://www.ai-online.com/2014/01/self-driving-cars-moving-into-the-industryaes-driveraes-seat-ihs-automotive-study/

Lee, J., Abe, G., Sato, K., & Itoh, M. (2020). Preliminary Investigation of System Transparency and System Failure on Driver Trust in Partial Vehicle Automation. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 64, 1091 - 1091. https://doi.org/10.1177/1071181320641261

Lee, M., Lee, S., Hwang, S., Lim, S., & Yang, J. H. (2023). Effect of emotion on galvanic skin response and vehicle control data during simulated driving. Transportation Research Part F-traffic Psychology and Behaviour, 93, 90–105. https://doi.org/10.1016/j.trf.2022.12.010

Livia, A. (2019). Analisis Pengaruh Kesesuaian Gaya Mengemudi Automated Vehicle Dan Pengemudi Terhadap Tingkat Penerimaan Teknologi. Universitas Gadjah Mada.

Lu, Y., Yi, B., Song, X., Zhao, S., Wang, J., & Cao, H. (2022), Can We Adapt to Highly Automated Vehicles as Passengers? The Mediating Effect of Trust and Situational Awareness on Role Adaption Moderated by Automated Driving Style. *Transportation Research Part F: Traffic Psychology and Behaviour*, *90*, 269–286. https://doi.org/10.1016/j.trf.2022.08.011

Ma, Z., & Zhang, Y. (2021), Driver's trust, acceptance, and takeover behaviors in fully automated vehicles: Effects of automated driving styles and driver's driving styles. *Accident Analysis & Prevention*, *159*, 106238. https://doi.org/10.1016/j.aap.2021.106238

Mahdinia, I., Mohammadnazar, A., Arvin, R., & Khattak, A. J. (2021). Integration of automated vehicles in mixed traffic: Evaluating changes in performance of following human-driven vehicles. Accident Analysis & Prevention, 152, 106006. https://doi.org/10.1016/j.aap.2021.106006

Matthews, G. (1998). Driver stress and Performance on a Driving Simulator. Human Factors: The Journal of Human Factors and Ergonomics Society, 40, 136 - 149. https://doi.org/10.1518/001872098779480569

MBUSA (2023). *Mercedes-Benz world's first automotive company to certify SAE Level 3 system for U.S. market*. https://media.mbusa.com/releases/mercedes-benz-worlds-first-automotive-company-to-certify-sae-level-3-system-for-us-market

McEwen, B. (2007). Stress, Definitions and Concepts of*. , 653. https://doi.org/10.1016/B978-012373947-6.00364-0

Murali, P. K., Kaboli, M., & Dahiya, R. (2021). Intelligent In‐Vehicle Interaction Technologies. Advanced Intelligent Systems, 4(2), 2100122. https://doi.org/10.1002/aisy.202100122

Neubauer, Catherine & Matthews, Gerald & Langheim, Lisa & Saxby, Dyani. (2012). Fatigue and Voluntary Utilization of Automation in Simulated Driving. Human factors. 54. 734-46. https://doi.org/10.1177/0018720811423261

Novi, N. (2019). The RELATIONSHIP BETWEEN WORKLOAD AND WORK STRESS IN NURSES IN THE EMERGENCY DEPARTMENT OF BAHTERAMAS GENERAL HOSPITAL IN SOUTHEAST SULAWESI PROVINCE. , 1, 32-39. https://doi.org/10.36566/ijhsrd/vol1.iss1/4

Nurmasari (2021). The roles of driver stress on driving style: Peran stres berkendara terhadap gaya berkendara. Psikologia: Jurnal Pemikiran dan Penelitian Psikologi. 16. 1-5. https://doi.org/10.32734/psikologia.v16i1.6813

O, K., O, A., M, E., S, K. (2020). Reliability Assessment of Autonomous Systems: A Systematic Review. IJCTT 68, 48–52. https://doi.org/10.14445/22312803/IJCTT-V68I3P109

Othman, K. (2021). *Public acceptance and perception of autonomous vehicles: A comprehensive review*. AI Ethics 1, 355–387 (2021). https://doi.org/10.1007/s43681-021-00041-8

Palomares, N., Belda, J., Iranzo, S., Silva, J., Mateo, B., Laparra-Hernández, J., & Solaz, J. (2021). Enhancing the acceptance of future automated vehicles through understanding the emotional state of passengers. FISITA World Congress 2021 - Technical Programme. https://doi.org/10.46720/f2021-acm-117

Pai, G., Widrow, S., Radadiya, J., Fitzpatrick, C.D., Knodler, M., Pradhan, A.K. (2020). A Wizard-of-Oz experimental approach to study the human factors of automated vehicles: Platform and methods evaluation. Traffic Injury Prevention 21, S140–S144. https://doi.org/10.1080/15389588.2020.1810243

Pop-Jordanova, N., & Pop-Jordanov, J. (2020). Electrodermal Activity and Stress Assessment. PRILOZI, 41, 5 - 15. https://doi.org/10.2478/prilozi-2020-0028

Raats, K., Fors, V., & Pink, S. (2020). Trusting Autonomous Vehicles: An Interdisciplinary Approach. *Transportation Research Interdisciplinary Perspectives*, *7*, 100201. https://doi.org/10.1016/j.trip.2020.100201

Radhakrishnan, V., Merat, N., Louw, T., Gonçalves, R., Lyu, W., Torrão, G., Guillen, P., & Lenné, M. (2021). Physiological Indicators of Driver Workload During Car-Following Scenarios and Takeovers in Highly Automated Driving. Transportation Research Part F: Traffic Psychology and Behaviour. https://doi.org/10.31234/OSF.IO/BWP6F

Rahman, M., Strawderman, L., Lesch, M. F., Horrey, W. J., Babski-Reeves, K., & Garrison, T. M. (2018). Modelling driver acceptance of driver support systems. Accident Analysis & Prevention, 121, 134–147. https://doi.org/10.1016/j.aap.2018.08.028

Ramnath, R., Kinnear, N., Chowdhury, S., & Hyatt, T. (2020). Interacting with Android Auto and Apple CarPlay when driving: The effect on driver performance. . https://doi.org/10.58446/sjxj5756

Ren Y, Guo L, Jiang S. Review of the reliability in a robotic application: autonomous driving cars. Int Rob Auto J. 2018;4(3):220–223. https://doi.org/10.15406/iratj.2018.04.00125

Robertson, I. W. T. (2021). Development and Initial Validation of the Trust in Self-Driving Vehicles Scale (TSDV). Rica University.

Rowden, P., Matthews, G., Watson, B., & Biggs, H. (2011). The relative impact of work-related stress, life stress and driving environment stress on driving outcomes.. Accident; analysis and prevention, 43 4, 1332-40 . https://doi.org/10.1016/j.aap.2011.02.004

SAE International (2021). SAE Levels of Driving AutomationTM Refined for Clarity and International Audience. SAE Blog. URL https://www.sae.org/blog/sae-j3016- update14 (accessed 2.14.23).

Seran, R., Hardiyanto, Husna, N., & Hendro. (2015). Sensor Galvanic Skin Response (GSR) Berbasis Arduino Uno Sebagai Pendeteksi Tingkat Stres Manusia. PROSIDING SKF, 422–427.

Shahini, F., & Zahabi, M. (2022). Effects of levels of automation and non-driving related tasks on driver performance and workload: A review of literature and meta-analysis. Applied Ergonomics, 104, 103824. https://doi.org/10.1016/j.apergo.2022.103824

Shaon, M., Qin, X., Chen, Z., & Zhang, J. (2018). Exploration of Contributing Factors Related to Driver Errors on Highway Segments. Transportation Research Record, 2672, 22 - 34. https://doi.org/10.1177/0361198118790617

Shea Choksey, J., & Wardlaw, C. (2021). Levels of Autonomous Driving, Explained. Jdpower. Retrieved June 18, 2023, from https://www.jdpower.com/cars/shopping-guides/levels-of-autonomous-driving-explained#:~:text=At%20Level%201%2C%20the%20lowest,time%20and%20for%20any%20reason

Sogatama, E. D., & Hartono, B. (2018). *Analisis Pengaruh Perbedaan Level Otomasi Autonomous Vehicle Terhadap Kondisi Emosi Dan Aktivitas Otak Pengemudi* [Universitas Gadjah Mada]. http://etd.repository.ugm.ac.id/penelitian/detail/181103

Stapel, J., Mullakkal-Babu, F. A., & Happee, R. (2019). Automated driving reduces perceived workload, but monitoring causes higher cognitive load than manual driving. Transportation Research Part F-traffic Psychology and Behaviour, 60, 590–605. https://doi.org/10.1016/j.trf.2018.11.006

The 6 Levels of Vehicle Autonomy Explained | Synopsys Automotive. (n.d.). https://www.synopsys.com/automotive/autonomous-driving-levels.html#:~:text=Adaptive%20cruise%20control%2C%20where%20the,such%20as%20steering%20and%20braking.

Thomas, P., & Kawahata, A. (1962). NEURAL FACTORS UNDERLYING VARIATIONS IN ELECTRICAL RESISTANCE OF APPARENTLY NONSWEATING SKIN.. The Journal of the American Osteopathic Association, 64, 417-22 . https://doi.org/10.1152/JAPPL.1962.17.6.999

Winter, J., Wieringa, P., Kuipers, J., Mulder, J., & Mulder, M. (2007). Violations and errors during simulation-based driver training. Ergonomics, 50, 138 - 158. https://doi.org/10.1080/00140130601032721

Weigl, K., Steinhauser, M., & Riener, A. (2023). Gender and age differences in the anticipated acceptance of automated vehicles: insights from a questionnaire study and potential for application. Gender, Technology and Development, 27(1), 88–108. https://doi.org/10.1080/09718524.2022.2137893

Winter, J., Groot, S., Mulder, M., Wieringa, P., Dankelman, J., & Mulder, J. (2009). Relationships between driving simulator performance and driving test results. Ergonomics, 52, 137 - 153. https://doi.org/10.1080/00140130802277521

Winter, J., & Dodou, D. (2010). The Driver Behaviour Questionnaire as a predictor of accidents: a meta-analysis.. Journal of safety research, 41 6, 463-70 . https://doi.org/10.1016/j.jsr.2010.10.007

Wogalter, M. S., & Laughery, K. R. (2006). Warnings and hazard communications. In Handbook of Human Factors/Ergonomics (3rd ed., pp. 889–911). Wiley. https://doi.org/10.1002/9781118131350.ch29

Wohleber, R. W., Calhoun, G. L., Funke, G. J., Ruff, H., Chiu, C.-Y. P., Lin, J., & Matthews, G. (2016). The Impact of Automation Reliability and Operator Fatigue on Performance and Reliance. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 60(1), 211–215. https://doi.org/10.1177/1541931213601047

Wundersitz, L., Baldock, M., & Raftery, S. (2012). The relative contribution of system failures and extreme behaviour in South Australian crashes.. Accident; analysis and prevention, 73, 163-9 . https://doi.org/10.1016/j.aap.2014.09.007

Xu, Z., Jiang, Z., Wang, G., Wang, R., Li, T., Liu, J., Zhang, Y., & Liu, P. (2021). When the automated driving system fails: Dynamics of public responses to automated vehicles. Transportation Research Part C: Emerging Technologies, 129, 2021, 103271, https://doi.org/10.1016/j.trc.2021.103271

Ziegler, M. (2004). Psychological Stress and the Autonomic Nervous System. 189-190. https://doi.org/10.1016/B978-012589762-4/50051-7