

DAFTAR PUSTAKA

- Anggaranie, G., & Indonesia, S. C. (2017). Manfaat Internet of Things dan Potensinya dalam Sektor Logistik dan Transportasi. *Supply Chain Indonesia*, 3.
- Amalia, Nava, and Harus L. Guter. "Analisa Kenyamanan Kendaraan Angkut Massal dengan Pemodelan Pengemudi sebagai Sistem Multi-DOF." *Jurnal Teknik ITS*, vol. 3, no. 2, 2014, doi:[10.12962/j23373539.v3i2.7166](https://doi.org/10.12962/j23373539.v3i2.7166).
- Aosong Inc. Digital-output relative humidity & temperature sensor/module DHT22 (DHT22 also named as AM2302). Diakses pada tanggal 24 Oktober 2023, <https://www.sparkfun.com/datasheets/Sensors/Temperature/DHT22.pdf>
- Ashton, K. (2009). That 'Internet of Things' Thing. *RFID Journal*, 22(7), 97-114.
- Atif, M., Muralidharan, S., Ko, H., & Yoo, B. (2020). Wi-ESP—A tool for CSI-based device-free Wi-Fi sensing (DFWS). *Journal of Computational Design and Engineering*, 7(5), 644-656.
- Bender, M., Kirdan, E., Pahl, M. O., & Carle, G. (2021). Open-source mqtt evaluation. In *2021 IEEE 18th Annual Consumer Communications & Networking Conference (CCNC)* (pp. 1-4). IEEE.
- Boshita, T., Suzuki, H., & Matsumoto, Y. (2018). IoT-based bus location system using LoRaWAN. In *2018 21st International Conference on Intelligent Transportation Systems (ITSC)* (pp. 933-938). IEEE.
- Chand, H. V., & Karthikeyan, J. (2018). Survey on the role of IoT in intelligent transportation system. *Indonesian Journal of Electrical Engineering and Computer Science*, 11(3), 936-941.
- Efendi, Y. (2018). Internet of Things (IOT) sistem pengendalian lampu menggunakan Raspberry PI berbasis mobile. *Jurnal Ilmiah Ilmu Komputer Fakultas Ilmu Komputer Universitas Al Asyariah Mandar*, 4(2), 21-27.
- Global Road Safety Facility (GRSF). (2024, February). *Speed management research: A summary comparison of literature between high-income and low and middle-income countries*. Diakses pada tanggal 5 September 2024, <https://www.globalroadsafetyfacility.org/sites/default/files/2024-06/Speed%20Management%20Research.pdf>
- Gridling, G., & Weiss, B. (2007). Introduction to microcontrollers. *Vienna University of Technology Institute of Computer Engineering Embedded Computing Systems Group*, 25.

- Gubbi, J., Buyya, R., Marusic, S., & Palaniswami, M. (2013). Internet of Things (IoT): A vision, architectural elements, and future directions. *Future Generation Computer Systems*, 29(7), 1645-1660.
- Hercog, D., Lerher, T., Truntič, M., & Težak, O. (2023). Design and Implementation of ESP32-Based IoT Devices. *Sensors*, 23(15), 6739.
- Invensense Inc. (2013). MPU-6050 Datasheet. Diakses pada tanggal 24 Oktober 2023, <https://pdf1.alldatasheet.com/datasheet-pdf/download/1132807/TDK/MPU-6050.html>.
- Johnson, D. A., & Trivedi, M. M. (2011). Driving style recognition using a smartphone as a sensor platform. In *2011 14th International IEEE Conference on Intelligent Transportation Systems (ITSC)* (pp. 1609-1615). IEEE.
- Kaplan, E. D., & Hegarty, C. J. (2006). *Understanding GPS: Principles and Applications*. Artech House.
- Johnson, G. D., & Liberti, J. C. (2008). *Aided Navigation: GPS with High Rate Sensors*. McGraw-Hill Professional.
- Kroon Celandier, E., & Möllestål, A. (2024). A Comparative Analysis of Next.js, SvelteKit, and Astro for E-commerce Web Development.
- Media's, E., Syufrijal., & Rif'an, M. (2019). Internet of Things (IoT): BLYNK Framework for Smart Home. *KnE Social Sciences*, 3(12), 579–586. <https://doi.org/10.18502/kss.v3i12.4128>
- Mohajer, N., Nahavandi, S., Najdovski, Z., & Abdi, H. (2020). Enhancing passenger comfort in autonomous vehicles through vehicle handling analysis and optimization. *Institute for Intelligent Systems Research and Innovation (IISRI), Deakin University*. <https://doi.org/10.1109/MITS.2019.2953533>
- Oladimeji, D., Gupta, K., Kose, N. A., Gundogan, K., Ge, L., & Liang, F. (2023). Smart transportation: An overview of technologies and applications. *Sensors*, 23(8), 3880. <https://doi.org/10.3390/s23083880>
- Rahmatulloh, A., Nursuwars, F. M., Darmawan, I., & Febrizki, G. (2020). Applied internet of things (IoT): The prototype bus passenger monitoring system using PIR sensor. In *2020 8th International Conference on Information and Communication Technology (ICoICT)* (pp. 1-6). IEEE.
- Raj, J. T., & Sankar, J. (2017). IoT based smart school bus monitoring and notification system. In *2017 IEEE Region 10 Humanitarian Technology Conference (R10-HTC)* (pp. 89-92). IEEE.



- Saha, D., Shinde, M., & Thadeshwar, S. (2017). IoT based air quality monitoring system using wireless sensors deployed in public bus services. In *Proceedings of the second international conference on internet of things, Data and Cloud Computing* (pp. 1-6).
- Sazonov, E., & Fontana, J. M. (2014). A wearable system for the estimation of energy expenditure and recognition of physical activities in the free-living environment. *IEEE Transactions on Biomedical Engineering*, 61(2), 566-574.
- Shin, Y., Ham, J., & Cho, H. (2021). *Experimental Study of Thermal Comfort Based on Driver Physiological Signals in Cooling Mode under Summer Conditions. Applied Sciences*, 11(2), 845. doi:10.3390/app11020845
- Smith, J. (2017). Gyroscope in IoT applications. *Proceedings of the International Conference on Internet of Things*, 58-63.
- Talinthaisong, Thanaporn & Rooppakhun, Supakit. (2020). Influence of suspension parameters on a tilt angle of passenger bus for the stability test. 14. 101-108. 10.14456/sehs.2020.9.
- Taufik, M., Hudiono, H., Rakhmania, A. E., Perdana, R. H. Y., & Sari, A. S. (2021). An internet of things based intercity bus management system for smart city. *International Journal of Computing and Digital Systems*, 10.
- Tim Pusdatin Kementerian Perhubungan RI. (2023). *Informasi Transportasi 2022*. Volume 13. ISSN:2962-6722.
- Thuluva, A. S., Anicic, D., Rudolph, S., & Adikari, M. (2020). Semantic Node-RED for rapid development of interoperable industrial IoT applications. *Semantic Web*, 11(6), 949-975.
- U-blox Inc. (2023). NEO-6 u-blox 6 GPS Modules Data Sheet. Diakses pada tanggal 24 Oktober 2023, https://www.u-blox.com/sites/default/files/products/documents/NEO-6_DataSheet_%28GPS.G6-HW-09005%29.pdf.
- Weng J, Wang C, Huang H, Wang Y, Zhang L. Real-time bus travel speed estimation model based on bus GPS data. *Advances in Mechanical Engineering*. 2016;8(11). doi:10.1177/1687814016678162