

DAFTAR PUSTAKA

- Air Quality Index (2022) *Air quality in Jakarta*. Available at:
<https://www.iqair.com/indonesia/jakarta> (Accessed: 28 February 2022).
- Budioko, T. (2016) 'Sistem Monitoring Suhu Jarak Jauh Berbasis Internet Of Things Menggunakan Protokol MQTT', *Seminar Riset Teknologi Informasi (SRITI) tahun*, pp. 353–358. Available at: https://sriti.akakom.ac.id/prosiding/SISTEM_MONITORING_SUHU_JARAK_JAUH_BERBASIS_INTERNET_OF_THINGS_MENGGUNAKAN_PROTOKOL_MQTT.pdf.
- Hapsari, A.A. *et al.* (2019) 'Real Time Indoor Air Quality Monitoring System Based on IoT using MQTT and Wireless Sensor Network', *ICETAS 2019 - 2019 6th IEEE International Conference on Engineering, Technologies and Applied Sciences* [Preprint]. doi:10.1109/ICETAS48360.2019.9117518.
- Kalia, P. and Ansari, M.A. (2020) 'IOT based air quality and particulate matter concentration monitoring system', *Materials Today: Proceedings*, 32(xxxx), pp. 468–475. doi:10.1016/j.matpr.2020.02.179.
- Kashyap, M., Sharma, V. and Gupta, N. (2018) 'Taking MQTT and NodeMcu to IOT: Communication in Internet of Things', *Procedia Computer Science*, 132(Iccids), pp. 1611–1618. doi:10.1016/j.procs.2018.05.126.
- Kodali, R.K. and Sarjerao, B.S. (2018) 'MQTT based air quality monitoring', *5th IEEE Region 10 Humanitarian Technology Conference 2017, R10-HTC 2017*, 2018-Janua(December 2017), pp. 742–745. doi:10.1109/R10-HTC.2017.8289064.
- Kurniawan, D.E. and Fani, S. (2017) 'Perancangan Sistem Kamera Pengawas Berbasis Perangkat Bergerak Menggunakan Raspberry Pi', *Jurnal Ilmiah Teknologi Infomasi Terapan*, 3(2). doi:10.33197/jitter.vol3.iss2.2017.130.
- Moharana, B.K. *et al.* (2020) 'Development of an IoT-based Real-Time Air Quality Monitoring Device', *Proceedings of the 2020 IEEE International Conference on Communication and Signal Processing, ICCSP 2020*, pp. 191–194. doi:10.1109/ICCSP48568.2020.9182330.
- Prasetyo, D., Lamada, I. and Adzillah, W.N. (2021) 'Implementasi Monitoring Kualitas Udara menggunakan MQ-7 dan MQ-131 Berbasis Internet of Things', 15(3).

doi:<https://doi.org/10.23960/elc.v15n3.2184>.

Raspberry Pi (2022) *GPIO and the 40-pin Header*. Available at:

<https://www.raspberrypi.com/documentation/computers/os.html> (Accessed: 9 April 2022).

Sabiq, A. and Alfarisi, T. (2017) 'Sistem Wireless Sensor Network Berbasis Arduino Uno dan Raspberry Pi untuk Pemantauan Kualitas Udara di Cempaka Putih Timur, Jakarta Pusat', *Citee*, (July), pp. 301–305.

Sujiarta, A. *et al.* (2020) 'Sistem Monitoring Kualitas Udara Di Ruangan Tertutup Berbasis IoT Menggunakan Sensor MQ-135 Dan GP2Y1014AU0F (Air Quality Monitoring System in a Closed Room Based on IoT Using MQ-135 and GP2Y1014AU0F Sensors)'

World Health Organization (2021) *Ambient air pollution*. Available at:

[https://www.who.int/news-room/fact-sheets/detail/ambient-\(outdoor\)-air-quality-and-health](https://www.who.int/news-room/fact-sheets/detail/ambient-(outdoor)-air-quality-and-health) (Accessed: 27 February 2022).

Yuan, M. (2021) *Getting to know MQTT*. Available at:

<https://developer.ibm.com/articles/iot-mqtt-why-good-for-iot/> (Accessed: 27 February 2022).