

- Agustina, T., Eni, S.P., Ismanto, R., Ulinata, U., 2021. Connecting facilities of several modes of transportation with transit-oriented development approach. IOP Conf Ser Earth Environ Sci 878, 012036. <https://doi.org/10.1088/1755-1315/878/1/012036>
- Andrade, A.R., 2008. Renewal decisions from a life-cycle cost (LCC) perspective in railway infrastructure: an integrative approach using separate LCC models for rail and ballast components. Instituto Superior Técnico.
- Babalik, E., 2000. Urban rail systems: A planning framework to increase their success .
- Berawi, A., Delgado, R., Calçada, R., Vale, C., 2010. Evaluating Track Geometrical Quality through Different Methodologies. International Journal of Technology 1, 38–47. <https://doi.org/10.14716/ijtech.v1i1.35>
- CEN, 2017. EN 13848 Railway Applications – Track – Track Geometry Quality, European Committee for Standardization.
- Cugnet, H., 2013. Mass Rapid Transit System Challenges for Indian Cities. hlm. 1–8. <https://doi.org/10.2749/222137813808626740>
- Dhaniswara, A., 2019. Perbandingan Sistem Konstruksi Jalan Rel Balas dan Tanpa Balas Pada Jalan Rel Layang Kereta Api Perkotaan. Universitas Gadjah Mada.
- El-Sibaie, M., Zhang, Y.-J., 2004. Objective Track Quality Indices. Transportation Research Record: Journal of the Transportation Research Board 1863, 81–87. <https://doi.org/10.3141/1863-11>
- Erdiana, Y.F., Zhafirah, A., 2023. Penilaian Track Quality Index Jalan Rel Rancaekek – Haurpugur. Jurnal Konstruksi 21, 55–60. <https://doi.org/10.33364/konstruksi/v.21-1.1278>
- Esveld, C., 2001. Modern Railway Track, Second Edition. ed. MRT-Productions.
- Fouracre, P., Dunkerley, C., Gardner, G., 2003. Mass rapid transit systems for cities in the developing world. Transp Rev 23, 299–310. <https://doi.org/10.1080/0144164032000083095>
- Gandadiwata, F., 2023. Penentuan Nilai Standar Track Quality Index (TQI) Untuk Jalur Mainline LRT Jakarta. Institut Transportasi dan Logistik Trisakti, Jakarta.
- Idris, M., 2024. Jumlah Penumpang KRL Jabodetabek Tembus 16,43 Juta Sepanjang Mei 2024 [WWW Document]. URL <https://money.kompas.com/read/2024/05/21/113700426/jumlah-penumpang-krl-jabodetabek-tembus-16-43-juta-sepanjang-mei-2024> (diakses 5.20.25).
- Jakarta Smart City, 2021. Beda LRT Jakarta dengan LRT Jabodebek [WWW Document]. URL <https://smartcity.jakarta.go.id/id/blog/beda-lrt-jakarta-dengan-lrt-jabodebek/> (diakses 5.20.25).

Jati, I.B.P., 2023. Analisis Kepuasan Konsumen Terhadap Layanan Kereta Api Jarak Jauh PT Kereta Api Indonesia (Persero) Berdasarkan Marketing Mix 5P Di Daerah Operasi 1 Jakarta 6.

Jatmiko, L.D., 2024. MRT Jakarta Angkut 3,16 Juta Penumpang Sepanjang Januari 2024 [WWW Document]. URL <https://ekonomi.bisnis.com/read/20240208/98/1739302/mrt-jakarta-angkut-316-juta-penumpang-sepanjang-januari-2024> (diakses 5.20.25).

Kementerian Perhubungan Republik Indonesia, 2018. Keputusan Menteri Perhubungan Nomor KP 990 Tahun 2018 tentang Penetapan Kriteria Desain dan Spesifikasi Teknis Kereta Api Ringan (Light Rail Transit) di Provinsi DKI Jakarta Koridor 1 Fase 1 Kelapa Gading–Velodrome. Jakarta.

Kementerian Perhubungan Republik Indonesia, 2012. Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 60 Tahun 2012 tentang Persyaratan Teknis Jalur dan Bangunan Jalur Kereta Api. Berita Negara Republik Indonesia Tahun 2012 Nomor 851, Indonesia.

Kementerian Perhubungan Republik Indonesia, 2011. Peraturan Menteri Perhubungan Republik Indonesia Nomor PM 32 Tahun 2011 tentang Standar dan Tata Cara Perawatan Prasarana Perkeretaapian. Indonesia.

Köllő, S.A., Puskás, A., Köllő, G., 2015. Ballasted Track versus Ballastless Track. Key Eng Mater 660, 219–224. <https://doi.org/10.4028/www.scientific.net/KEM.660.219>

Kurniawan, W., Rulhendri, 2015. Tinjauan Volume Pemeliharaan Tahunan Jalan Rel Berdasarkan Hasil Track Quality Index (TQI) (Studi kasus: Lintas Manggarai - Bogor). Jurnal Rekayasa Sipil 4.

Li, Q., Chen, Z., Hu, Q., Zhang, L., 2017. Laser-Aided INS and Odometer Navigation System for Subway Track Irregularity Measurement. Journal of Surveying Engineering 143. [https://doi.org/10.1061/\(ASCE\)SU.1943-5428.0000236](https://doi.org/10.1061/(ASCE)SU.1943-5428.0000236)

Liu, R.-K., Xu, P., Sun, Z.-Z., Zou, C., Sun, Q.-X., 2015. Establishment of Track Quality Index Standard Recommendations for Beijing Metro. Discrete Dyn Nat Soc 2015, 1–9. <https://doi.org/10.1155/2015/473830>

Lubis, R.R.A., Widyastuti, H., 2020. Penentuan Rekomendasi Standar Track Quality Index (TQI) untuk Kereta Semicepat di Indonesia (Studi Kasus: Surabaya-Cepu), Jurnal Aplikasi Teknik Sipil.

Nakagawa, T., 2007. Shock and Damage Models in Reliability Theory. Springer London, London. <https://doi.org/10.1007/978-1-84628-442-7>

Nurchahyo, R., Farizal, F., Arifianto, B.M.I., Habiburrahman, M., 2020. Mass Rapid Transit Operation and Maintenance Cost Calculation Model. J Adv Transp 2020, 1–6. <https://doi.org/10.1155/2020/7645142>

Offenbacher, S., Neuhold, J., Veit, P., Landgraf, M., 2020. Analyzing Major Track Quality Indices and Introducing a Universally Applicable TQI. Applied Sciences 10, 8490. <https://doi.org/10.3390/app10238490>

- Phanyakit, T., Satiennam, T., 2018. Track-quality index and degradation of railway track structure: The construction track doubling project of northeast line from thanon chira junction to khon kaen station, Thailand. MATEC Web of Conferences 192, 02022. <https://doi.org/10.1051/matecconf/201819202022>
- Prihatanto, R., Aji Bani Nurfaizin, B., Puspitasari, A., Riyanta, W., 2023. Penentuan Prioritas Perawatan Berdasarkan Hasil Track Quality Index (TQI) Jalur Kereta Api Antara Stasiun Semarang Poncol – Stasiun Alastua. Media Ilmiah Teknik Sipil 11, 74–81.
- Profillidis, V.A., 2000. Railway Engineering, 2nd ed. ed. Ashgate Publishing Limited.
- PT Jakarta Propertindo; Mott MacDonald, 2016. Technical Specification: Jakarta LRT Project– Corridor 1 (Phase 1): Kelapa Gading–Velodrome – Package P102. Jakarta.
- PT LRT Jakarta, 2025. Rute LRT Jakarta Fase 1A [WWW Document]. URL <https://lrtjakarta.co.id/rute.html> (diakses 5.20.25).
- PT LRT Jakarta, 2023. Laporan Tahunan PT LRT Jakarta Tahun 2023.
- PT LRT Jakarta, 2021. Equipment Monitoring OCC LRT Jakarta. Jakarta.
- PT Wijaya Karya (Persero) Tbk, 2019. Trackwork Operation and Maintenance Manual: Jakarta LRT Project – Corridor 1 (Phase 1): Kelapa Gading–Velodrome – Package P102. Jakarta.
- Pyrgidis, C.N., 2016. Railway Transportation Systems. CRC Press. <https://doi.org/10.1201/b19472>
- Rachman, F.F., Nooraeni, R., Yuliana, L., 2021. Public Opinion of Transportation integrated (Jak Lingko), in DKI Jakarta, Indonesia. Procedia Comput Sci 179, 696–703. <https://doi.org/10.1016/J.PROCS.2021.01.057>
- Rajabalinejad, M., van Dongen, L., Ramtahalsing, M., 2020. Systems integration theory and fundamentals. Safety and Reliability 39, 83–113. <https://doi.org/10.1080/09617353.2020.1712918>
- Republik Indonesia, 2007. Undang-Undang Republik Indonesia Nomor 23 Tahun 2007 tentang Perkeretaapian. Lembaran Negara Republik Indonesia Nomor 96 Tahun 2007, Indonesia.
- Sadeghi, J., 2010. Development of Railway Track Geometry Indexes Based on Statistical Distribution of Geometry Data. J Transp Eng 136, 693–700. [https://doi.org/10.1061/\(ASCE\)0733-947X\(2010\)136:8\(693\)](https://doi.org/10.1061/(ASCE)0733-947X(2010)136:8(693))
- Setiawan, D.M., Atmaja Rosyidi, S.P., 2016. Track Quality Index As Track Quality Assessment Indicator.
- Setiawan, R., 2005. Karakteristik Pengguna Kereta Api Komuter Surabaya - Sidoarjo.
- Sia, R.J.L., Wu, B.H., Li, J.H., 2011. Mass Transit as Urban Tourist Transport. Applied Mechanics and Materials 97–98, 1131–1134. <https://doi.org/10.4028/www.scientific.net/AMM.97-98.1131>
- Soehodho, S., 2017. Public transportation development and traffic accident prevention in Indonesia. IATSS Research 40, 76–80. <https://doi.org/10.1016/j.iatssr.2016.05.001>

Tzanakakis, K., 2013. The Railway Track and Its Long Term Behaviour. Springer Berlin Heidelberg, Berlin, Heidelberg. <https://doi.org/10.1007/978-3-642-36051-0>

Ulhaq, M.M., Widodo, A.K., Izati, N., Santoso, S.Y., Sutrimo, W.H.W.M., Akshintia, P.Y., 2019. Assessing the operations of commuter rail: A case study in KRL commuter line of Jakarta Metropolitan Area. MATEC Web of Conferences 272, 01034. <https://doi.org/10.1051/mateconf/201927201034>

Utomo, S.H.T., 2009. Jalan Rel. Beta Offset, Yogyakarta.

Vogel & Plötscher GmbH & Co. KG, 2022. Training MessReg CTS – Software and Hardware. Freiburg, Germany.

Vossloh Fastening Systems GmbH, 2022. System 300: High-Elasticity Rail Fastening. Werdohl, Germany.

Zoeteman, A., 2001. Life cycle cost analysis for managing rail infrastructure. European Journal of Transport and Infrastructure Research. <https://doi.org/10.18757/EJTIR.2001.1.4.3506>