

DAFTAR PUSTAKA

- Al-Safadi, L. (2016) 'The Effects of Real-Time Interactive Multimedia Teleradiology System', *BioMed Research International*, 2016, pp. 1–9. Available at: <https://doi.org/10.1155/2016/4126841>.
- Alkhalid, F.F., Hasan, A.M. and Alhamady, A.A. (2021) 'Improving radiographic image contrast using multi layers of histogram equalization technique', *IAES International Journal of Artificial Intelligence*, 10(1), pp. 151–156. Available at: <https://doi.org/10.11591/ijai.v10.i1.pp151-156>.
- Amalia, A. (2022) *Cloud Storage: Pengertian, Jenis, Keunggulan dan Kekurangannya*. Available at: <https://herza.id/blog/pengertian-jenis-keunggulan-dan-kekurangan-cloud-storage/>.
- Andrikos, C. *et al.* (2019) 'An Enhanced Device-Transparent Real-Time Teleconsultation Environment for Radiologists', *IEEE Journal of Biomedical and Health Informatics*, 23(1), pp. 374–386. Available at: <https://doi.org/10.1109/JBHI.2018.2824312>.
- Arici, T., Dikbas, S. and Altunbasak, A. (2009) 'A histogram modification framework and its application for image contrast enhancement', *IEEE Transactions on Image Processing*, 18(9), pp. 1921–1935. Available at: <https://doi.org/10.1109/TIP.2009.2021548>.
- Ariyanti, S. and Kautsarina (2018) 'A Proposed The Internet of Things (IoT) Framework for Health Sector in Indonesia', in *2018 IEEE Region Ten Symposium (Tensymp)*. IEEE, pp. 282–286. Available at: <https://doi.org/10.1109/TENCONSpring.2018.8691998>.
- Badan Pusat Statistik (2023) *Statistik Telekomunikasi Indonesia 2022*. Edited by dan P. Direktorat Statistik Keuangan, Teknologi Informasi. Jakarta: Badan Pusat Statistik. Available at: <https://doi.org/10.1128/AAC.03728-14>.
- Burute, N. and Jankharia, B. (2009) 'Teleradiology: The Indian perspective.', *The Indian journal of radiology & imaging*, 19(1), pp. 16–8. Available at: <https://doi.org/10.4103/0971-3026.45337>.
- Chalazonitis, A.N. *et al.* (2003) 'How to Optimize Radiological Images Captured from Digital Cameras, Using the Adobe Photoshop 6.0 Program', *Journal of*

- Digital Imaging*, 16(2), pp. 216–229. Available at: <https://doi.org/10.1007/s10278-003-1651-1>.
- La Cruz, A. *et al.* (2016) ‘Mobile teleradiology system suitable for m-health services supporting content and semantic based image retrieval on a grid infrastructure’, in *2016 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*. IEEE, pp. 5380–5383. Available at: <https://doi.org/10.1109/EMBC.2016.7591943>.
- dr.Meva Nareza T (2024) *Foto Rontgen, Ini yang Harus Anda Ketahui*. Available at: <https://www.alodokter.com/foto-rontgen-ini-yang-harus-anda-ketahui>.
- Eyal Bercovich, M.D & Marcia C. Javitt, M.. (2018) ‘Medical Imaging: From Roentgen to the Digital Revolution, and Beyond’, *Rambam Maimonides Medical Journal*, 9(4). Available at: <https://doi.org/10.5041/RMMJ.10355>.
- Google Cloud (no date) *Apa itu Cloud Storage?* Available at: <https://cloud.google.com/learn/what-is-cloud-storage?hl=id>.
- Jagoan Hosting Team (2024) *Apa itu Cloud Storage? Contoh, Fungsi dan Cara Kerjanya*. Available at: <https://www.jagoanhosting.com/blog/pengertian-cloud-storage/>.
- John C. Russ, F.B.N. (2016) *The Image Processing Handbook*. 7th Editio. Available at: <https://doi.org/https://doi.org/10.1201/b18983>.
- Kamil, T. (2023) *Dark Room to Digital “The Growing Technology of X-Rays”*. Available at: <https://www.linkedin.com/pulse/dark-room-digital-growing-technology-x-rays-taimoor-kamil>.
- Kementerian Kesehatan Republik Indonesia (2023) ‘Transformasi Kesehatan Mewujudkan Masyarakat Indonesia Sehat dan Unggul’, pp. 1–186.
- Louk *et al.* (2014) ‘Pengukuran Kualitas Sistem Pencitraan Radiografi Digital Sinar-X Quality Measurement of Imaging System of X-ray Digital Radiography’, *Berkala MIPA*, 24(2), pp. 149–166.
- Lu WANG , Houston , TX (US) ; Wenjing CAO, S.(C.) (2022) ‘SYSTEM AND METHOD FOR IMAGE RECONSTRUCTION’. United States.
- MATSUSADA PRECISION (2025) *Flat Panel Detector (FPD)*. Available at: https://www.matsusada.com/application/ps/flat_panel_ditector/ (Accessed: 10 April 2025).

- Mau, S.D.B. (2016) 'Pengaruh Histogram Equalization Untuk Perbaikan Kualitas Citra Digital', *Simetris : Jurnal Teknik Mesin, Elektro dan Ilmu Komputer*, 7(1), p. 177. Available at: <https://doi.org/10.24176/simet.v7i1.502>.
- Muhtadan and Harsono, D. (2008) 'Pengembangan Aplikasi Untuk Perbaikan Citra Digital Film Radiografi', *Teknologi Nuklir*, pp. 25–26.
- Nur Fathoni, M.A., Anwar, M.C. and Setiawan, A.N. (2024) 'Peran Layanan Instant Messaging Pada Teleradiologi Sebagai Upaya Penegakkan Diagnosis', *LINK*, 20(1), pp. 33–53. Available at: <https://doi.org/10.31983/link.v20i1.11394>.
- Nuruddin, R. (2013) *Pengertian & Definisi WEB*. Available at: <http://raghibnuruddin217.blogspot.com/2013/01/pengertian-definisi-web.html>.
- PT. TWI (2025) *Apa itu Radiografi Digital dan Bagaimana Cara Kerjanya?* Available at: <https://www.twi-global.com/technical-knowledge/faqs/digital-radiography> (Accessed: 10 April 2025).
- Rachmad, A. (2008) 'Pengolahan Citra Digital Menggunakan Teknik Filtering Adaptive Noise Removal pada Gambar Bernoise'. Available at: <https://id.scribd.com/doc/226938083/jurnal-image-processing>.
- RADIOLOGI SCIENCES (2011) *DIGITAL RADIOGRAFI*. Available at: https://ilmuradiologi.blogspot.com/2011/04/computer-radiografi_15.html (Accessed: 10 April 2024).
- Raspberry Pi (no date) *Raspberry Pi 3 Model B+*. Available at: <https://www.raspberrypi.com/products/raspberry-pi-3-model-b-plus/> (Accessed: 4 February 2025).
- Redaksi Jagoan Hosting (2022) *Cara Kerja Website dan Fungsinya yang Perlu Kamu Tahu*. Available at: <https://www.jagoanhosting.com/blog/cara-kerja-website/>.
- Rego, J. and Tan, K. (2006) 'Advances in imaging-the changing environment for the imaging specialist.', *The Permanente journal*, 10(1), pp. 26–8. Available at: <https://doi.org/10.7812/TPP/05-118>.
- RSUD dr. Iskak Tulungagung (2022) *Foto Rontgen atau X-Ray. Cara kerja dan Kegunaannya untuk Kepentingan Medis*. Available at: <https://rsud.tulungagung.go.id/foto-rontgen-atau-x-ray-cara-kerja-dan->

kegunaannya-untuk-kepentingan-medis/.

- Saenpaen, J., Arwatchananukul, S. and Aunsri, N. (2018) 'A Comparison of Image Enhancement Methods for Lumbar Spine X-ray Image', in *2018 15th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*. IEEE, pp. 798–801. Available at: <https://doi.org/10.1109/ECTICon.2018.8620040>.
- Saputro, A.R. *et al.* (2021) 'Tantangan Konektivitas dan Aksesibilitas Dalam Pengembangan Pelayanan Kesehatan Berbasis Telemedicine di Indonesia: Sebuah Tinjauan', *JIE Scientific Journal on Research and Application of Industrial System*, 6(1), p. 27. Available at: <https://doi.org/10.33021/jie.v6i1.1412>.
- Sari, R.N. and Anbarsanti, N. (no date) 'Jurnal PASTI Volume XII No. 1, 16 - 33 RANCANG BANGUN APLIKASI FILTER NEIGHBORHOOD PROCESSING DAN NOISE REDUCTION UNTUK IMAGE PROCESSING MENGGUNAKAN MATLAB', XII(1), pp. 16–33.
- Seeram, E. and Seeram, D. (2008) 'Image Postprocessing in Digital Radiology—A Primer for Technologists', *Journal of Medical Imaging and Radiation Sciences*, 39(1), pp. 23–41. Available at: <https://doi.org/10.1016/j.jmir.2008.01.004>.
- Steffensen, C. *et al.* (2019) 'Effectiveness of adjusting radiographic technique parameters on image quality in direct digital radiography: a systematic review protocol', *JBIR Database of Systematic Reviews and Implementation Reports*, 17(10), pp. 2165–2173. Available at: <https://doi.org/10.11124/JBISRIR-2017-003888>.
- Surface Hippy Info (2022) *How to Email X-Rays*. Available at: <https://www.hipresurfacingsite.com/how-to-email-x-rays.php>.
- Susanto, A.R. (2018) 'Analisis Perbandingan Metode Perbaikan Kontras Citra pada Citra Medis Xray', *Jurnal Informatika*, 12(1), pp. 1–9. Available at: <https://doi.org/10.26555/jifo>.
- Tang, J., Liu, X. and Sun, Q. (2009) 'A Direct Image Contrast Enhancement Algorithm in the Wavelet Domain for Screening Mammograms', *IEEE Journal of Selected Topics in Signal Processing*, 3(1), pp. 74–80. Available

at: <https://doi.org/10.1109/JSTSP.2008.2011108>.

Thapliyal, A. (2019) 'Market Expansion Strategy for Teleradiology Services into Resource-Poor Healthcare Set-ups', in *2019 Grace Hopper Celebration India (GHCI)*. IEEE, pp. 1–5. Available at: <https://doi.org/10.1109/GHCI47972.2019.9071870>.

Thyssen-Bornemisza National Museum (2024) *X-Ray Imaging*. Available at: <https://www.museothyssen.org/en/restoration/technical-images/x-ray-imaging>.

VXS Imaging (no date) *Carestream Classic*. Available at: <https://www.vxsimaging.com/urgent-care>.

Wikipedia (2024) *Raspberry Pi*. Available at: https://id.wikipedia.org/wiki/Raspberry_Pi.

Zafar, S. *et al.* (2022) 'An IoT Method for Telemedicine: Lossless Medical Image Compression Using Local Adaptive Blocks', *IEEE Sensors Journal*, 22(15), pp. 15345–15352. Available at: <https://doi.org/10.1109/JSEN.2022.3184423>.