DAFTAR PUSTAKA

[1] H. Y. Yacoob and H. A. Mohammed, "Assessment of patients X-ray doses at three government hospitals in Duhok city lacking requirements of effective quality control," *J. Radiat. Res. Appl. Sci.*, vol. 10, no. 3, pp. 183–187, 2017, doi: 10.1016/j.jrras.2017.04.005.

[2] L. Rusyadi, S. Daryati, D. Rochmayanti, and A. N. Kurniawan, "Analisis Noise Pada Radiografi Thorax Pulmonum Pada Penerapan Modifikasi Faktor Eksposi Aturan 10 kV," *J. Imejing Diagnostik*, vol. 7, no. 2, pp. 70–76, 2021, doi: 10.31983/jimed.v7i2.7473.

[3] N. H. Apriantoro, B. Santoso, P. Purwantiningsih, and T. Ambarsari, "Optimizing Analysis Of The Radiographic Image And Entrance Surface Dose Using Computed Radiography In Chest Examination," *SANITAS J. Teknol. dan Seni Kesehat.*, vol. 9, no. 2, pp. 93–104, Dec. 2018, doi: 10.36525/sanitas.2018.11.

[4] J. E. Kim, "9th International "Hiroshima" Symposium on the Development and Application of Semiconductor Tracking Detectors, Hiroshima, Japan," 2019, p. 930. doi: 10.22323/1.340.0930.

[5] M. Irsal, E. Hidayanto, J. Fisika, F. Sains, and U. Diponegoro, "Analisa Pengaruh Faktor Eksposi Terhadap Entrance Surface Air Kerma (Esak)," *Youngster Phys. J.*, vol. 3, no. 4, pp. 271–278, 2014.

[6] E. Sparzinanda, N. Nehru, and N. Nurhidayah, "PENGARUH FAKTOR EKSPOSI TERHADAP KUALITAS CITRA RADIOGRAFI," *J. ONLINE Phys.*, vol. 3, no. 1, pp. 14–22, 2018, doi: 10.22437/jop.v3i1.4428.

[7] A. Atina, "Aplikasi Matlab pada Teknologi Pencitraan Medis," *J. Penelit. Fis. dan Ter.*, vol. 1, no. 1, p. 28, 2019, doi: 10.31851/jupiter.v1i1.3123.

[8] R. Fardela, "Penentuan Sensitivitas Detektor Sinar-X Berbasis Fototransistor," *J. Ipteks Terap.*, vol. 9, no. 4, 2016, doi: 10.22216/jit.2015.v9i4.391.

[9] Kusminarto and R. Fadela, "An X-Ray Detector Using a Fluorescent Material ZnS:Ag Attached on a Phototransistor in Darlington Configuration," *Appl. Mech. Mater.*, vol. 771, pp. 21–24, 2015, doi: 10.4028/www.scientific.net/amm.771.21.

[10] M. F. Wahyudi, M. Ridha, and T. B. Indrato, "Analysis of The Capture Results of Flat Panel Detector Design With Photodiode Sensor against kV Settings," vol. 1, no. 1, 2021, doi: https://doi.org/10.35882/ijeeemi.v4i3.242.

[11] M. R. Amin, M. Ridha, and T. B. Indrato, "Analysis of The Capture Result of Flat Panel Detector Design with Arduino-Based BPW34 Photodiode Sensor against mA Settings," vol. 1, no. 1, 2022, doi: https://doi.org/10.35882/ijeeemi.v4i3.242.

[12] C. Zhao, W. Zeng, D. Hu, and H. Liu, "Robust Heart Rate Monitoring by a Single Wrist-Worn

Accelerometer Based on Signal Decomposition," *IEEE Sens. J.*, vol. 21, no. 14, pp. 15962–15971, 2021, doi: 10.1109/JSEN.2021.3075109.

[13] A. Hata *et al.*, "Dynamic chest X-ray using a flat-panel detector system: Technique and applications," *Korean J. Radiol.*, vol. 22, no. 4, pp. 634–651, 2021, doi: 10.3348/kjr.2020.1136.

[14] E. Sparzinanda, N. Nehru, and N. Nurhidayah, "Pengaruh Faktor Eksposi Terhadap Kualitas Citra Radiografi," *J. Online Phys.*, vol. 3, no. 1, pp. 14–22, 2018, doi: 10.22437/jop.v3i1.4428.

[15] R. Fardela and Kusminarto, "Pengembangan Detektor Sinar-X Berbasis Fototransistor," *Prosiding*, pp. 10–11, 2014, doi: 0216-3128.

[16] Susilo., W. S. Budi, G.B. Suparta., and Kusminarto., "Kajian Radiografi Digital Tulang Tangan," *Berk. Fis.*, vol. 16, no. 1, pp. 15–20, 2013.

[17] E. Damulira, "Development of an Led Array for," p. 297, 2021.

[18] F. Suyatno, "Aplikasi radiasi sinar-x di bidang kedokteran untuk menunjang kesehatan masyarakat," *SDM Teknol. Nukl.*, vol. 1, no. Teknologi Nuklir, pp. 25–26, 2008, [Online]. Available: http://kbs.jogjakota.go.id/upload/53_FerrySuyatno503-509.pdf

[19] Susilo; Rudi; Pratiwi;, "PENGUKURAN PAPARAN RADIASI PESAWAT SINAR - X DI INSTALASI RADIODIAGNOSTIK UNTUK

PROTEKSI RADIASI Info Artikel Abstrak," vol. 1, no. 2252, 2013, doi: https://journal.unnes.ac.id/sju/index.php/upj/article/view/777.

[20] S. Rodhotul Muttaqin, "Uji banding kualitas citra radiograf sistem radiografi digital modifikasi terhadap computed radiography system dengan metode Contrass to Noise Ratio," *J. Unnes*, vol. 33, no. 5, pp. 433–43, May 2017, doi: https://journal.unnes.ac.id/nju/index.php/pc/article/view/9000/5888.

[21] T. N. Maesadji and S. B. Wahyu, "Kajian Fisika Indeks-Keabuan Dengan Teknik," *J. Pendidik. Fis. Indones. (Indonesian J. Phys. Educ.*, vol. 8, no. 1, pp. 98–105, 2012.

[22] B. Tenaga and N. Nasional, "Karakterisasi Flat-Panel Detector Untuk Pesawat Sinar-X Digital UNTUK PESAWAT SINAR - X DIGITAL," vol. Vol 10, No, no. November 2013, 2014, [Online]. Available: http://jurnal.batan.go.id/index.php/prima/article/view/3821/0

[23] "datasheet.pdf."