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Publications

PUBLICATIONS

- **Empirical optimization of energy bin weights for compressing measurements with realistic photon counting x-ray detectors.** *Medical physics*
Yang, Y., Wang, S., Pal, D., Yin, Z., Pelc, N. J., Wang, A. S.
2023
- **Empirical Optimization of Energy Bin Weights for Compressing Measurements with Photon Counting X-ray Detectors**
Yang, Y., Wang, S., Pal, D., Pelc, N. J., Wang, A. S., Zhao, W., Yu, L.
SPIE-INT SOC OPTICAL ENGINEERING.2022
- **Fast kV Switching for Improved Material Decomposition with Photon Counting X-ray Detectors**
Wang, S., Yang, Y., Pal, D., Pelc, N. J., Wang, A. S., Zhao, W., Yu, L.
SPIE-INT SOC OPTICAL ENGINEERING.2022
- **Analytical model for pulse pileup in photon counting detectors with semionparalyzable behavior**
Yang, Y., Pelc, N. J., Wang, A. S., Bosmans, H., Zhao, W., Yu, L.
SPIE-INT SOC OPTICAL ENGINEERING.2021