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CT Image Quality Optimization CT Image Noise Model Based Iterative Reconstructions

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- J. H. Pachon, Girijesh Yadava, Debashish Pal, Jiang Hsieh Image Quality Evaluation of Iterative CT Reconstruction Algorithms: A Perspective From Spatial Domain Noise Texture Measures. Presented at the SPIE Conf. on Medical Imaging, 2012, San Diego, CA, and published in Proc. of SPIE 2012: Physics of Medical Imaging
- JH Pachon, J Shah, P Madhav, MP Tornai. Characterization of Image Quality for 3D Scatter Corrected Breast CT Images. Presented at the SPIE Conf. on Medical Imaging, 12-17 Feb. 2011, Orlando, FL, and published in Proc. of SPIE 2011: Physics of Medical Imaging, 7169: (58-1)-(58-8)
- J Shah, JH Pachon, P Madhav, MP Tornai. Detailed Characterization of 2D and 3D Scatter-to-Primary Ratios of Various Breast Geometries Using a Dedicated CT Mammotomography System. Presented at the SPIE Conf. on Medical Imaging, 12-17 Feb. 2011, Orlando, FL, and published in Proc. of SPIE 2011: Physics of Medical Imaging, 7169: (58-1)-(58-7)
- KL Perez, SD Mann, JH Pachon, P Madhav, MP Tornai. Is SPECT or CT Based Attenuation Correction More Quantitatively Accurate for Dedicated Breast SPECT Acquired with Non-Traditional Trajectories? Presented at 2010 Nuclear Science Symposium & Medical Imaging Conference, Knoxville, TN, 30 Oct. – 6 Nov. 2010, and published in 2010 IEEE Conference Record NSS/MIC, 2319-2324

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