81. Karp JS and Muehllehner G: Performance of a position-sensitive scintillation detector. *Phys Med Biol* **30:** 643-655, 1985

82. Muehllehner G and Karp JS: A positron camera using position-sensitive detectors: PENN–PET. *J Nucl Med* **27:** 90-98, 1986

83. Karp JS, Muehllehner G, Beerbohm D, et al: Event localization in a continuous scintillation detector using digital processing. *IEEE Trans Nucl Sci* **NS-33:** 550-555, 1986

84. Del Guerra A, Perez-Mendez V, Schwartz G, et al: Design considerations for a high spatial resolution positron camera with dense drift space MWPC's. *IEEE Trans Nucl Sci* **NS-30:** 646-651, 1983

85. Jeavons A, Hood K, Herlin G, et al: The high-density avalanche chamber for positron emission tomography. *IEEE Trans Nucl Sci* **NS-30:** 640-645, 1983

86. Lanza RC, Osborne LS, Holman BL, and Zimmerman RE: Mesh chambers for positron emission tomography. *IEEE Trans Nucl Sci* **NS-33:** 482-485, 1986

87. Anderson DF: Development of proportional counters using photosensitive gases and liquids. *IEEE Trans Nucl Sci* **NS-32:** 495-503, 1985

88. Woody CL, Petridou CI, and Smith CG: Properties of a barium fluoride-TMAE-multiwire proportional chamber detector for a large single crystal. *IEEE Trans Nucl Sci* **NS-33:** 136-139, 1986

89. Moszyński M, Vacher J, and Odru R: Application of the HR400 microchannel plate photomultiplier to study the light pulse shape from fast and slow scintillators by means of the single photon method. *Nucl Instr Meth* **204:** 141, 1982

90. Nieschmidt EB, Lawrence RS, Gentillon CD, et al: Count rate performance of a microchannel plate photomultiplier. *IEEE Trans Nucl Sci* **NS-29:** 196-199, 1982

91. Timothy JG: Electronic readout systems for microchannel plates. *IEEE Trans Nucl Sci* **NS-32:** 427-432, 1985

92. Senda M, Tamaki N, Yonekura Y, et al: Performance characteristics of Positologica III: a whole-body positron emission tomograph. *J Comput Assist Tomogr* **9:** 940-946, 1986

93. Yamashita Y, Uchida H, Yamashita T and Hayashi T: Recent development in detectors for high spatial resolution positron CT. *IEEE Trans Nucl Sci* **NS-31:** 424- 428, 1984

94. Uchida H, Yamashita T, Iida M, et al: Design of a mosaic BGO detector system for positron CT. *IEEE Trans Nucl Sci* **NS-33:** 464-467, 1986