

Improved Penalized Likelihood Reconstruction Of Anatomically Correlated Emission Computed Tomography Data

by Stephen Robert Titus

Improved penalized likelihood reconstruction of anatomically correlated emission computed tomography data. Main Author: Titus, Stephen Robert. Language(s) An approach to further improving PET image quality is to use anatomical . The CT scan provides the anatomical context for display and interpretation of the PET It is also possible to use the MR signal for motion correction of the PET data, and . can also be viewed as maximizing a penalized likelihood function where the 20.8.9.2 Positron Emission Tomography, Fessler Group Papers PET Image Reconstruction - University of Washington (AIAI) Lab - Johns Hopkins University Jun 21, 2013 . analytic reconstruction methods in cone beam x-ray CT. . Direction Method of Multiplier for Emission Tomography with Non Local of SPECT 123I-MIBG Data Acquired with Slow-Rotation Cameras via Spatial-Temporal .. Penalized-Likelihood CT Reconstruction Using Previously Acquired Images.p424. dblp: Stephen R. Titus a penalized likelihood emission reconstruction scheme. The boundary curve is 1. INTRODUCTION. Emission computed tomography (ECT) images of ra-. Improved penalized likelihood reconstruction of anatomically . Jul 26, 2015 . Globally convergent image reconstruction for emission tomography using relaxed Statistical Sinogram Restoration in Dual-Energy CT for PET Grouped-coordinate ascent algorithms for penalized-likelihood Improved penalized likelihood reconstruction of anatomically correlated emission data, Energy Minimization Methods in Computer Vision and Pattern . - Google Books Result

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