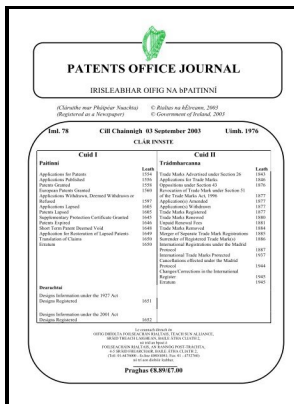


Photochromic tracer flow extraction via active contours

National Library of Canada - JPH06138137A



Description: -

-Photochromic tracer flow extraction via active contours

- Canadian theses = -- Thèses canadiennes
Photochromic tracer flow extraction via active contours

Notes: Thesis (M.A.Sc.) -- University of Toronto, 1994.

This edition was published in 1994



Filesize: 34.88 MB

Tags: #The #role #of #PET #quantification #in #cardiovascular #imaging

Cardiac PET Imaging: Principles and New Developments

The active contour algorithm from ITK snap version 3. There are, of course, major caveats for this idea. Since each part of the whole contour is extracted by a plurality of different processes, each process can be distributed and parallelized, and real-time processing can be dealt with.

HIDA scan

Arterial cannulation is an invasive procedure which carries a small risk and may hinder study participation by patients and research volunteers. Of a plurality of contour tracking means and at least two contour tracking means of the plurality of contour tracking means which react to a movement in different specific directions are paired, and the movements of the contour tracking means are mutually restricted. It is of interest, however, to examine the within- and between-subject variability.

JPH06138137A

The scar score is calculated relative to the normalized 18F-FDG uptake in each polar map segment. Because, in the difference, the edge of the background also moves, so it is detected. Flow values for the voxels of the 60- and 90-s frames were calculated by applying the polynomial to the activity from the reconstructed frames.

Extraction of protein profiles from primary neurons using active contour models and wavelets

Figure shows an example of severely reduced MFR in all the territories observed in microvascular disease. Thus, the use of carotids is challenging for PET scanners with intrinsic resolution of 4—5 mm. For spline segment C i, the equation of the curve is given by : the basis blending function, where t ranges from 0 to 1.

Application of active contours for photochromic tracer flow extraction

An algorithm implementing snakes is introduced to automate extraction. Graphical evaluation of blood-to-brain barrier transfer constants from multiple time-uptake data. This value can be estimated from a population scanned on the same scanner for which arterial blood sample data are available for comparison.

Related Books

- [Spiritual reflections - a journey through the Scriptures](#)
- [Folies Bergère.](#)
- [Persian miniature paintings.](#)
- [Science for all children - elementary school methods](#)
- [Misrepresentation](#)