

Radiographic Image Enhancement

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Recent Publications on Radiographic Image Enhancement:



- [Fast noise reduction in computed tomography for improved 3-D visualization.](#)
Computed tomography (CT) has a trend towards higher resolution and higher...30th August, 2008
Image Sciences Institute, University Medical Center Utrecht,- IEEE Trans Med Imaging. 2008 Aug;27(8):1120-9. ([DOI Direct Link](#))
- [Automated effect-specific mammographic pattern measures.](#)
We investigate the possibility to develop methodologies for assessing...30th August, 2008
Department of Computer Science (DIKU), University of Copenhagen, 2100- IEEE Trans Med Imaging. 2008 Aug;27(8):1054-60. ([DOI Direct Link](#))
- [Spatial harmonic imaging of X-ray scattering--initial results.](#)
Coherent X-ray scattering is related to the electron density distribution...30th August, 2008
Laboratory of Cardiac Energetics, National Heart, Lung and Blood- IEEE Trans Med Imaging. 2008 Aug;27(8):997-1002. ([DOI Direct Link](#))
- [Predicting the fate of acute ischemic lesions using perfusion computed tomography.](#)
OBJECTIVE: To investigate whether the prognosis of ischemic tissues in...30th August, 2008
Division of Neurology, Nephrology and Rheumatology, Internal Medicine,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):645-50. ([DOI Direct Link](#))
- [Multidetector-row computed tomography angiography in abdominal aortic aneurysm treated with endovascular repair: evaluation of optimal timing of delayed phase imaging for the detection of low-flow endoleaks.](#)
PURPOSE: To evaluate the optimal timing of delayed phase imaging for...30th August, 2008
Department of Clinical Science and Bioimaging, Section of Radiology,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):609-15. ([DOI Direct Link](#))
- [Assessment of the myocardium on 2-phase cardiac multidetector computed tomography: does cyclic cardiac contraction influence myocardial attenuation?](#)
OBJECTIVE: To analyze changes in attenuation of non-contrast-enhanced and...30th August, 2008
Department of Radiology, Duke University Medical Center, Durham, NC 27710,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):602-8. ([DOI Direct Link](#))
- [Clinical application of multidetector row computed tomography in patient with breast cancer.](#)
Although multidetector row computed tomography is not the primary method...30th August, 2008
Department of Diagnostic Radiology, Ajou University School of Medicine,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):583-98. ([DOI Direct Link](#))
- [Computed tomographic distinction of perirenal liposarcoma from exophytic angiomyolipoma: a feature analysis study.](#)

*PURPOSE: To identify computed tomographic (CT) findings that distinguish...*30th August, 2008
Department of Radiology, University of California San Francisco, San- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):548-52. ([DOI Direct Link](#))

- [Characterization of adnexal masses using feature analysis at contrast-enhanced helical computed tomography.](#)

*OBJECTIVE: To determine the computed tomographic imaging features...*30th August, 2008
Department of Radiology, Memorial Sloan-Kettering Cancer Center, New York,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):533-40. ([DOI Direct Link](#))

- [Computed tomographic appearance of Prolene Hernia System and polypropylene mesh plug inguinal hernia repair.](#)

*PURPOSE: To describe the normal postoperative computed tomographic (CT)...*30th August, 2008
Department of Radiology, University of California San Francisco, San- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):529-32. ([DOI Direct Link](#))

- [Multiple-detector computed tomographic angiography of pancreatic neoplasm for presurgical planning: comparison of low- and high-concentration nonionic contrast media.](#)

*OBJECTIVE: To evaluate the degree of contrast enhancement, image quality,...*30th August, 2008
Abdominal Imaging and Interventional Radiology, Department of Radiology,- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):511-7. ([DOI Direct Link](#))

- [The PACS initiative: what does it take?](#)

*Successful implementation of a PACS requires both a technology infusion...*15th August, 2008
Imaging Support and Technology Management, Genesis Technology Partners,- Biomed Instrum Technol. 2004-2005;Suppl:39-43.

- [DMIST results: technologic or observer variability?](#)

*OBJECTIVE: To evaluate the degree of contrast enhancement, image quality,...*13th August, 2008
- Radiology. 2008 Aug;248(2):703; author reply 703. ([DOI Direct Link](#))

- [A limitation of ACRIN DMIST.](#)

*OBJECTIVE: To evaluate the degree of contrast enhancement, image quality,...*13th August, 2008
- Radiology. 2008 Aug;248(2):702; author reply 702-3. ([DOI Direct Link](#))

- [Use of custom Dacron branch grafts for "hybrid" aortic debranching during endovascular repair of thoracic and thoracoabdominal aortic aneurysms.](#)

*OBJECTIVES: A significant number of patients with thoracic and...*23rd July, 2008
Division of Thoracic & Cardiovascular Surgery, Department of Surgery, Duke- J Thorac Cardiovasc Surg. 2008 Jul;136(1):21-8, 28.e1-6. Epub 2008 May 7. ([DOI Direct Link](#))

Radiographic Image Enhancement Patents:



- 5740267- [Radiographic image enhancement comparison and storage requirement reduction system](#)
- 5638420- [Straddle inspection system](#)
- 4794531- [Unsharp masking for image enhancement](#)
- 4293640- [Radiographic image enhancement](#)
- 4238563- [Radiographic image enhancement](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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