

Whole Body Imaging

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Recent Publications on Whole Body Imaging:

- [Chapter 2. Color-coded fluorescent mouse models of cancer cell interactions with blood vessels and lymphatics.](#)
Several new strategies now exist for imaging cancer cell interactions with... 22nd November, 2008
Department of Surgery, University of California, San Diego, California,- *Methods Enzymol.* 2008;445:27-52. ([DOI Direct Link](#))
- [CT dose: how to measure, how to reduce.](#)
The fundamental radiation dose parameter in computed tomography (CT) is... 19th November, 2008
Mayo Clinic, Rochester,- *Health Phys.* 2008 Nov;95(5):508-17. ([DOI Direct Link](#))
- [\[Trial of artifact reduction in body diffusion weighted imaging development and basic examination of "TRacking Only Navigator"\(TRON method\)\]](#)
In recent years, the utility of body diffusion weighted imaging as... 15th November, 2008
Department of Radiology, Tokai University Hospital.- *Nippon Hoshasen Gijutsu Gakkai Zasshi.* 2008 Sep 20;64(9):1157-66.
- [Small-animal SPECT and SPECT/CT: important tools for preclinical investigation.](#)
The need to study dynamic biologic processes in intact small-animal models... 13th November, 2008
Department of Radiology, Center for Molecular and Functional Imaging,- *J Nucl Med.* 2008 Oct;49(10):1651-63. Epub 2008 Sep 15. ([DOI Direct Link](#))
- [Emerging role of FDG-PET/CT in assessing atherosclerosis in large arteries.](#)
Atherosclerosis is a dynamic inflammatory disorder. The biological... 5th November, 2008
Division of Nuclear Medicine, Department of Radiology, Hospital of the- *Eur J Nucl Med Mol Imaging.* 2008 Nov 4. ([DOI Direct Link](#))
- [Patterns of FDG uptake in post-thoracotomy surgical scars in patients with lung cancer.](#)
Increased (18)F-fluorodeoxyglucose ((18)F-FDG) uptake can occur in... 25th October, 2008
Department of Nuclear Medicine, Sieff Government Hospital, Safed, Israel.- *Br J Radiol.* 2008 Oct;81(970):821-5. ([DOI Direct Link](#))
- [A novel approach to positron emission tomography in lung cancer.](#)
18F-fluorodeoxyglucose positron emission tomography-computed tomography is... 23rd October, 2008
Division of Cardiothoracic Surgery, Department of Surgery, Arthur G. James- *Ann Thorac Surg.* 2008 Oct;86(4):1355-7. ([DOI Direct Link](#))
- [Nanobioanalytical luminescence: Forster-type energy transfer methods.](#)
Forster resonance energy transfer-based analytical techniques represent a... 22nd October, 2008
Department of Pharmaceutical Sciences, University of Bologna, Via- *Anal Bioanal Chem.* 2008 Oct 18. ([DOI Direct Link](#))

- [MRI-based attenuation correction for PET/MRI: a novel approach combining pattern recognition and atlas registration.](#)
*For quantitative PET information, correction of tissue photon attenuation...*18th October, 2008
Laboratory for Preclinical Imaging and Imaging Technology of the Werner- J Nucl Med. 2008 Nov;49(11):1875-83. Epub 2008 Oct 16. ([DOI Direct Link](#))
- [Matrix-assisted laser desorption/ionization-ion mobility separation-mass spectrometry imaging of vinblastine in whole body tissue sections.](#)
*During early-stage drug development, drug and metabolite distribution...*14th October, 2008
Biomedical Research Centre, Sheffield Hallam University, Howard Street,- Anal Chem. 2008 Nov 15;80(22):8628-34. Epub 2008 Oct 11. ([DOI Direct Link](#))
- [The biodistribution of radioiodine on posttherapy iodine-131 scans in thyroid cancer patients with chronic renal failure.](#)
*OBJECTIVES: Owing to ineffective iodine removal, radioiodine dose...*7th October, 2008
Department of Nuclear Medicine, Baskent University, Ankara, Turkey.- Nucl Med Commun. 2008 Nov;29(11):943-8. ([DOI Direct Link](#))
- [Law might change to protect people who have computed tomography.](#)
*The finding that an individual's genome differs as much as by many million...*30th September, 2008
- BMJ. 2008 Sep 19;337:a1729. doi: 10.1136/bmj.a1729.
- [Cytomics and nanobioengineering.](#)
*The finding that an individual's genome differs as much as by many million...*25th September, 2008
Department of Pediatric Cardiology, Heart Center Leipzig, University of- Cytometry B Clin Cytom. 2008 Nov;74(6):416-26. ([DOI Direct Link](#))
- [Imaging cancer dynamics in vivo at the tumor and cellular level with fluorescent proteins.](#)
*Whole-body imaging with fluorescent proteins has been shown to be a...*13th September, 2008
AntiCancer, Inc., 7917 Ostrow Street, San Diego, CA, 92111-3604, USA,- Clin Exp Metastasis. 2008 Sep 12. ([DOI Direct Link](#))
- [3T MRI in paediatrics: Challenges and clinical applications.](#)
*3T MRI is being increasingly performed for clinical purposes in...*5th September, 2008
Department of Medical Imaging, The Royal Children's Hospital & Murdoch- Eur J Radiol. 2008 Nov;68(2):309-19. Epub 2008 Sep 2. ([DOI Direct Link](#))

Whole Body Imaging Clinical Trials:



- [PET Whole Body Imaging Using a Peripheral Benzodiazepine Receptor Ligand \[C-11\]PBR28](#)
Healthy Intervention: Drug: [C-11]PRB28

Whole Body Imaging Patents:



- [7135549- Nucleic acid and corresponding protein entitled 184P1E2 useful in treatment and detection of cancer](#)
- [7307422- MRI system with RF receiver coils fixed to the housing](#)
- [7308073- X-ray filter having dynamically displaceable x-ray attenuating fluid](#)
- [7309483- Method of treatment using Tie2 ligand2](#)
- [7309984- Parallel magnetic resonance imaging method using a radial acquisition trajectory](#)
- [7329402- Methods of imaging and treatment](#)
- [7329874- Lu.sub.1-xl.sub.3:Ce.sub.x-a scintillator for gamma-ray spectroscopy and time-of-flight pet](#)
- [7336145- Method for designing RF excitation pulses in magnetic resonance tomography](#)
- [7348780- Asymmetric radio frequency coils for magnetic resonance](#)
- [7355499- Magnet assembly](#)
- [7358353- Nucleic acid and corresponding protein named 158P1D7 useful in the treatment and detection of bladder and other cancers](#)
- [7306914- Protein fragment complementation assays in whole animals applications to drug efficacy, ADME, cancer biology, immunology, infectious disease and gene therapy](#)
- [7295006- Method for measuring nuclear magnetic resonance longitudinal axis relaxation time of blood and apparatus using the same](#)
- [7136692- Integrated audio visual system for nuclear medicine imaging systems](#)
- [7173247- Lu.sub.1-xl.sub.3:Ce.sub.x--a scintillator for gamma ray spectroscopy and time-of-flight PET](#)
- [7197353- Sensitivity encoding MRI acquisition method](#)
- [7205546- Spherical PET mammography scanner](#)
- [7212004- Multi-layer magnet](#)
- [7226594- Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer](#)
- [7244827- Nucleic acid and corresponding protein entitled 24P4C12 useful in treatment and detection of cancer](#)
- [7250498- Nucleic acids and corresponding proteins entitled 273P4B7 useful in treatment and detection of cancer](#)
- [7251520- Method and apparatus of slice selective magnetization preparation for moving table MRI](#)
- [7279556- Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer](#)
- [7361338- Methods to inhibit growth of prostate cancer cells](#)
- [7375522- Method for aligning multiple MR images acquired with alternating readout gradient](#)
- [7375524- Mr imaging with sensitivity encoding in the readout direction](#)
- [7411397- Method and apparatus of slice selective magnetization preparation for moving table MRI](#)
- [7417127- Antibodies specific for CD44v6](#)
- [7417231- Fourier re-binning of time-of-flight positron emission tomography data](#)
- [7417429- Moving table MRI with subsampling in parallel](#)
- [7423430- Adaptive parallel acquisition and reconstruction of dynamic MR images](#)
- [7427265- Endoluminal implant with therapeutic and diagnostic capability](#)
- [7427399- Antibodies and related molecules that bind to 161P2F10B proteins](#)
- [7436178- Fast continuous moving bed magnetic resonance imaging with multiple stationary receive coils for sense reconstruction](#)
- [7449548- Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer](#)
- [7452551- Targeted compositions for diagnostic and therapeutic use](#)
- [7408347- Highly constrained magnetic resonance spectroscopy image reconstruction method](#)
- [7408046- Treatment of bone-associated cancers](#)
- [7375528- Shielded, asymmetric magnets for use in magnetic resonance imaging](#)
- [7378077- High dose radionuclide complexes for bone marrow suppression](#)
- [7378569- Transgenic pigs carrying both hHO-1 and hDAF transgenes for xenotransplantation](#)
- [7378661- Asymmetrical positron emission tomograph detectors](#)
- [7385395- Apparatus for preparing a solution of a hyperpolarized noble gas for NMR and MRI analysis](#)

- 7394251- [Dynamic magnetic resonance inverse imaging](#)
- 7397242- [Parallel magnetic resonance imaging method using a radial acquisition trajectory](#)
- 7403812- [Method and apparatus for determining target depth, brightness and size within a body region](#)
- 7405290- [Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer](#)
- 7405564- [Sub-sampled moving table MRI for at least two adjacent fields of view](#)
- 7457655- [Motion correction of magnetic resonance images using moments of spatial projections](#)

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