

Health Physics

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- [Physical and Clinical Comparison between a Screen-Film System and a Dual-Side Reading Mammography-Dedicated Computed Radiography System.](#)
*Background: Digital mammography systems, thanks to a physical performance...*20th November, 2009
Department of Health Physics, AUSL Modena, Modena, Italy.- *Acta Radiol.* 2009 Dec;50(10):1109-1118.
- [The risk of cancer from natural background ionizing radiation.](#)
*Background: Digital mammography systems, thanks to a physical performance...*11th November, 2009
- *Health Phys.* 2009 Dec;97(6):637-8; author reply 638. ([DOI Direct Link](#))
- [HML's whole body counter: measuring highly radioactive persons.](#)
*The National Internal Radiation Assessment Section's Human Monitoring...*11th November, 2009
National Internal Radiation Assessment Section, Radiation Health- *Health Phys.* 2009 Dec;97(6):630-6. ([DOI Direct Link](#))
- [On the effect of an error in a standard D2O-moderated 252Cf energy spectrum.](#)
*There appears to be an error in the neutron fluence for neutrons with...*11th November, 2009
National Security Technologies, LLC, P.O. Box 98521, M/S NTS270, Las- *Health Phys.* 2009 Dec;97(6):628-9. ([DOI Direct Link](#))
- [Cardiac catheterization: impact of face and neck shielding on new estimates of effective dose.](#)
*Optimization of radiation protection devices for the operator is achieved...*11th November, 2009
Institute for Radiology and Academy of Radiation Protection, Klinikum- *Health Phys.* 2009 Dec;97(6):622-7. ([DOI Direct Link](#))
- [Multifactorial study of the risk of lung cancer among French uranium miners: radon, smoking and silicosis.](#)
*This case-control study nested in the French cohort of uranium miners...*11th November, 2009
French Defense Radiation Protection Service (SPRA), Clamart, France.- *Health Phys.* 2009 Dec;97(6):613-21. ([DOI Direct Link](#))
- [Modeling a 222Rn measurement technique based on absorption in polycarbonates and track-etch counting.](#)
*In the last decade the high radon absorption ability of some...*11th November, 2009
Faculty of Physics, St. Kliment Ohridski University of Sofia, Bulgaria.- *Health Phys.* 2009 Dec;97(6):604-12. ([DOI Direct Link](#))
- [Effective dose variation in pediatric computed tomography: dose reference levels in Greece.](#)
*Computed tomography provides high-resolution imaging of the human body....*11th November, 2009
Medical Physics Department, Medical School, University of Athens, Mikras- *Health Phys.* 2009

- Dec;97(6):595-603. ([DOI Direct Link](#))
- [The Canadian National Calibration Reference Center for Bioassay and in Vivo Monitoring: an update.](#)
*The Canadian National Calibration Reference Center (NCRC) for Bioassay and...*11th November, 2009
National Internal Radiation Assessment Section, Radiation Protection- Health Phys. 2009
Dec;97(6):590-4. ([DOI Direct Link](#))
 - [A study of the shielding used to reduce leakage and scattered radiation to the fetus in a pregnant patient treated with a 6-MV external X-ray beam.](#)
*A Monte Carlo-based procedure has been developed to assess the shielded...*11th November, 2009
Nuclear Engineering and Engineering Physics, Rensselaer Polytechnic- Health Phys. 2009
Dec;97(6):581-9. ([DOI Direct Link](#))
 - [Logistic analysis of OBT dynamics.](#)
*Formation and depuration of non-exchangeable organically bound tritium...*11th November, 2009
Institut fuer Radiochemie, Technische Universitaet Munich, Department- Health Phys. 2009
Dec;97(6):572-80. ([DOI Direct Link](#))
 - [2009 WILLIAM A. McADAMS OUTSTANDING SERVICE AWARD: Presented Posthumously to MICHAEL S. TERPILAK at the 54th Annual Meeting of the Health Physics Society, Minneapolis, Minnesota 12-16 July 2009.](#)
*Formation and depuration of non-exchangeable organically bound tritium...*11th November, 2009
- Health Phys. 2009 Dec;97(6):570-1. ([DOI Direct Link](#))
 - [2009 GEOFFREY G. EICHHOLZ OUTSTANDING SCIENCE TEACHER AWARD: Presented to TONI VELURE at the 54th Annual Meeting of the Health Physics Society, Minneapolis, Minnesota 12-16 July 2009.](#)
*Formation and depuration of non-exchangeable organically bound tritium...*11th November, 2009
Corporate Health Physics, 3M Center, Building 220-6W-08; St. Paul, MN- Health Phys. 2009
Dec;97(6):565-6. ([DOI Direct Link](#))
 - [2009 DISTINGUISHED SCIENTIFIC ACHIEVEMENT AWARD: Presented to David H. Sliney at the 54th Annual Meeting of the Health Physics Society, Minneapolis, Minnesota 12-16 July 2009.](#)
*Formation and depuration of non-exchangeable organically bound tritium...*11th November, 2009
- Health Phys. 2009 Dec;97(6):562-4. ([DOI Direct Link](#))
 - [2009 ELDA E. ANDERSON AWARD: Presented to SUSAN M. JABLONSKI at the 54th Annual Meeting of the Health Physics Society, Minneapolis, Minnesota 12-16 July 2009.](#)
*Formation and depuration of non-exchangeable organically bound tritium...*11th November, 2009
M D Anderson Cancer Center; 1515 Holcombe Blvd; Houston, TX 77030, USA.- Health Phys. 2009
Dec;97(6):559-61. ([DOI Direct Link](#))

BioNews Results for Health Physics

- [NIGMS 'Challenge' Areas Get Millions in Recovery Act Funds](#)
National Institutes of Health: Nov 20 2009 5:16AM Matching: health physics
- [Physicist pairs with pharmaceutical scientist to design nano-particles for cancer imaging](#)
CNW Telbec: Nov 19 2009 5:24PM Matching: health physics
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- [Landauer makes two acquisitions](#)
Aunt Minnie: Nov 11 2009 8:06PM Matching: health physics
- [A lightning strike in Africa helps take the pulse of the sun](#)

- Research & Development: Nov 11 2009 7:17PM Matching: health physics*
- [Landauer Acquires Global Physics Solutions, Inc. as Platform to Expand Into Medical Physics Services Market Additionally, Acquires Gammadata Mattenkn](#)
Yahoo! Canada: Nov 10 2009 4:08AM Matching: health physics
 - [Medical News: Magnetic Nanoparticles To Simultaneously Diagnose, Monitor And Treat](#)
BioFind: Nov 6 2009 4:50PM Matching: health physics
 - [Fundamental physics enters war on cancer](#)
PhysicsWeb: Nov 5 2009 8:32PM Matching: health physics
 - [New method targets cancerous tumors without harming healthy cells](#)
Nigeria Guardian: Nov 5 2009 7:28AM Matching: health physics
 - [Medical News: Task Force Develops New Radiation Guidelines For Brachytherapy](#)
Medical News Today: Nov 4 2009 3:03AM Matching: health physics
 - [Medical News: Laser-Particle Acceleration Is Expected To Contribute To Future Advances In Modern Cancer Radiotherapy](#)
Medical News Today: Nov 3 2009 4:46PM Matching: health physics
 - [New Method Targets Cancerous Tumors Without Harming Healthy Cells](#)
Science Daily: Oct 30 2009 1:34AM Matching: health physics
 - [Medical News: Brief Highlights Of The Fluid Dynamics Conference: The Physics Of Fluids, Sports, Magnetic Medicine](#)
Medical News Today: Oct 29 2009 3:04PM Matching: health physics

Health Physics Patents:



- 7172339- [Intraoral dental radiology positioning device for use with aiming ring](#)
- 7360967- [Solubilization and disposal of radioactive scale and sludge](#)
- 7374936- [Method and means for site directed therapy](#)
- 7378056- [Circuits for in vivo detection of biomolecule concentrations using fluorescent tags](#)
- 7378077- [High dose radionuclide complexes for bone marrow suppression](#)
- 7381244- [Apparatus and process for air cleaning](#)
- 7385042- [Therapeutic and diagnostic compounds, compositions, and methods](#)
- 7408046- [Treatment of bone-associated cancers](#)
- 7413567- [Optical sensor and method for identifying the presence of skin](#)
- 7427159- [Intraoral dental radiology positioning device for use with x-ray receptor](#)
- 7432518- [Entrance window for gas filled radiation detectors](#)
- 7331712- [X-ray examination apparatus that is convertible among multiple examination configurations](#)
- 7312439- [Radon progeny monitor](#)
- 7288920- [Method and apparatus for regulating charging of electrochemical cells](#)
- 7220255- [Method and apparatus for laser surgery of the cornea](#)
- 7227158- [Stick-on self-indicating instant radiation dosimeter](#)
- 7233007- [Radiation detectors and methods of detecting radiation](#)
- 7241460- [Strontium compound for treatment of sub-dermal soft tissue pain](#)
- 7250035- [Method and apparatus for treating gas for delivery to an animal](#)
- 7250045- [Self-contained, eye-safe hair-regrowth-inhibition apparatus and method](#)
- 7267651- [Method and apparatus for blood flow measurement using millimeter wave band](#)

- 7271389- [Neutron detection device and method of manufacture](#)
- 7277521- [Detecting special nuclear materials in containers using high-energy gamma rays emitted by fission products](#)
- 7279290- [ATM kinase compositions and methods](#)
- 7449451- [Use of multiple antioxidant micronutrients as systemic biological radioprotective agents against potential ionizing radiation risks](#)
- 7452356- [Eye-safe dermatologic treatment apparatus](#)
- 7510699- [In vivo fluorescence sensors, systems, and related methods operating in conjunction with fluorescent analytes](#)
- 7514694- [Neutron detector](#)
- 7521686- [Intrinsically directional fast neutron detector](#)
- 7524452- [Low temperature process for making radiopac materials utilizing industrial/agricultural waste as raw material](#)
- 7529332- [Detecting special nuclear materials in suspect containers using high-energy gamma rays emitted by fission products](#)
- 7531109- [Rare earth oxysulfide scintillator and methods for producing same](#)
- 7555496- [Three-dimensional display of document set](#)
- 7557353- [Single-use external dosimeters for use in radiation therapies](#)
- 7561666- [Personnel x-ray inspection system](#)
- 7601359- [Compositions and methods for the prevention and treatment of primary and metastatic neoplastic diseases and infectious diseases with heat shock/stress proteins](#)
- 7501052- [Method and apparatus for assay of electrochemical properties](#)
- 7495246- [Radiopharmaceutical pig](#)
- 7495224- [Single-use external dosimeters for use in radiation therapies and related methods and systems](#)
- 7453076- [Bi-polar treatment facility for treating target cells with both positive and negative ions](#)
- 7465937- [Dosimeter for the detection of high-energy neutron radiation](#)
- 7470909- [Directional gamma ray probe](#)
- 7470913- [High efficiency and high homogeneity large-area gas-filled radiation detector](#)
- 7473900- [Acquisition window compensation for nuclear medical image reconstruction attenuation coefficient maps](#)
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- 7483509- [Detecting special nuclear materials in suspect containers using high-energy gamma rays emitted by fission products](#)
- 7491419- [Process for vehicle repair coating](#)
- 7491942- [Single-use internal dosimeters for detecting radiation in fluoroscopy and other medical procedures/therapies](#)
- 7494502- [Alteration of the skin and nail for the prevention and treatment of skin and nail infections](#)
- 7605239- [Skeletal-targeted radiation to treat bone-associated pathologies](#)

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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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