

Radon

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Radon is a chemical element that has the symbol Rn and atomic number 86. Radon is a radioactive noble gas that is formed by the decay of radium. It is one of the heaviest gases and is considered to be a health hazard. The most stable isotope is ^{222}Rn which has a half-life of 3.8 days and is used in radiotherapy. Radon is a significant contaminant that affects indoor air quality worldwide. Radon gas from natural sources can accumulate in buildings and reportedly causes 21,000 lung cancer deaths per year in the United States alone.

Recent Publications on Radon:



- [Noble-Gas Hydrides: New Chemistry at Low Temperatures.](#)
*Noble-gas chemistry has been undergoing a renaissance in recent years, due...*30th August, 2008
Laboratory of Physical Chemistry, P.O. Box 55, University of- Acc Chem Res. 2008 Aug 23. ([DOI Direct Link](#))
- [Computed tomographic metal artifact reduction for the detection and quantitation of small features near large metallic implants: a comparison of published methods.](#)
*Computed tomographic imaging of tissue surrounding metallic implants is...*30th August, 2008
Department of Radiology, University of California at San Francisco, San- J Comput Assist Tomogr. 2008 Jul-Aug;32(4):621-9. ([DOI Direct Link](#))
- [5th conference on protection against radon at home and at work.](#)
*Noble-gas chemistry has been undergoing a renaissance in recent years, due...*23rd August, 2008
- Radiat Prot Dosimetry. 2008;130(1):120-1. ([DOI Direct Link](#))
- [Modelling of radon concentration peaks in thermal spas: Application to Polichnitos and Eftalou spas \(Lesvos Island-Greece\).](#)
*A mathematical model was developed for the description of radon...*22nd August, 2008
Waste Management Laboratory, School of Environment, University of the- Sci Total Environ. 2008 Aug 18. ([DOI Direct Link](#))
- [A comparative study of lognormal, gamma and beta modelling in radon mapping with recommendations regarding bias, sample sizes and the treatment of outliers.](#)
*Radon risk maps have been produced in many countries using...*21st August, 2008
School of Mathematical Sciences (Statistics), University College Dublin,- J Radiol Prot. 2008 Sep;28(3):293-302. Epub 2008 Aug 20. ([DOI Direct Link](#))
- [\(226\)Ra, \(232\)Th and \(40\)K contents and radon exhalation rate from materials used for construction and decoration in Cameroon.](#)
*This work deals with the measurement of radioactivity and radon exhalation...*21st August, 2008
Center for Atomic, Molecular Physics and Quantum Optics, University of- J Radiol Prot. 2008 Sep;28(3):369-378. Epub 2008 Aug 20. ([DOI Direct Link](#))
- [A review of radon measurement studies in Pakistan.](#)

- Radon is being extensively measured all over the world due to its...*21st August, 2008
Pakistan Institute of Engineering and Applied Sciences (PIEAS), PO Nilore,- J Radiol Prot. 2008 Sep;28(3):283-92. Epub 2008 Aug 20. ([DOI Direct Link](#))
- [A cohort study of uranium millers and miners of Grants, New Mexico, 1979-2005.](#)
*A cohort mortality study of workers engaged in uranium milling and mining...*21st August, 2008
International Epidemiology Institute, 1455 Research Boulevard, Suite 550,- J Radiol Prot. 2008 Sep;28(3):303-25. Epub 2008 Aug 20. ([DOI Direct Link](#))
 - [Differentiation between earthquake radon anomalies and those arising from nuclear activities.](#)
*The present work offers a methodology to correlate the earthquake time,...*19th August, 2008
Experimental Nuclear Physics Department, Nuclear Research Center, Atomic- Appl Radiat Isot. 2008 Jul 17. ([DOI Direct Link](#))
 - [Occupational risk factors for rhinitis in greenhouse flower and ornamental plant growers.](#)
*BACKGROUND: The purpose of this study was to assess the relationships...*16th August, 2008
Servei de Pneumologia, Hospital Germans Trias i Pujol, Badalona, Spain.- Am J Rhinol. 2008 Jul-Aug;22(4):361-4. ([DOI Direct Link](#))
 - [Radon risks.](#)
*BACKGROUND: The purpose of this study was to assess the relationships...*14th August, 2008
- Clin Pediatr (Phila). 2008 Sep;47(7):726-7; discussion 727. ([DOI Direct Link](#))
 - [\[Evaluation of radon levels in bank buildings: results of a survey on a major Italian banking group\]](#)
*Radon, the second cause of lung cancer after smoking, is a natural,...*12th August, 2008
Dipartimento di Medicina del Lavoro, Ospedale L. Sacco, Universita degli- Med Lav. 2008 May-Jun;99(3):216-33.
 - [Multidisciplinary analysis of Finnish esker sediment in radon source identification.](#)
*In order to define the naturally-occurring radioactive materials that are...*2nd August, 2008
Lithosphere Fluid Research Lab, Institute of Geography and Earth Sciences,- Sci Total Environ. 2008 Jul 29. ([DOI Direct Link](#))
 - [Opto-digital tomographic reconstruction of the Wigner distribution function of complex fields.](#)
*An optical-digital method has been developed to obtain the Wigner...*2nd August, 2008
Departamento de Optica, Universitat de Valencia, E-46100 Burjassot- Appl Opt. 2008 Aug 1;47(22):E63-7.
 - [General public's and physicians' perception of health risk associated with radon exposure in the state of Azad Jammu and Kashmir.](#)
*OBJECTIVE: To conduct a radon awareness survey to examine the level of...*1st August, 2008
Department of Physics, University of Azad Jammu & Kashmir, Muzaffarbad- Public Health Nurs. 2008 Jul-Aug;25(4):327-35. ([DOI Direct Link](#))

BioNews Results for Radon

- [Granite counters pose minimal cancer risk](#)
WRAL: Aug 27 2008 7:18AM Matching: radon
- [Cancer treatment hasn't slowed Tarrant County district attorney](#)
Star-Telegram: Aug 27 2008 5:10AM Matching: radon
- [Bio course explores cancer, erases myths](#)
Daily Sundial: Aug 25 2008 7:12PM Matching: radon
- [Cancer researcher will open his class to public](#)
Daily Breeze: Aug 12 2008 12:10AM Matching: radon
- [Granite Radon and Cancer Media Hype or Major Problem](#)
Associated Content: Aug 6 2008 9:06PM Matching: radon
- [Granite Countertops a Recipe for Danger?](#)
WebMD: Aug 1 2008 4:28AM Matching: radon

- [Irish exposed to higher levels of radiation](#)
Dentistry.co.uk: Jul 31 2008 2:33PM Matching: radon
- [Life Sciences: Studies from R.M. Amin and co-authors have provided new information about life sciences](#)
NewsRX: Jul 31 2008 4:33AM Matching: radon
- [Scientist warns about granite bench tops and radiation](#)
News-Medical.Net: Jul 31 2008 2:11AM Matching: radon
- [Granite Countertops Could Pose Cancer Risk](#)
WFMY News 2: Jul 25 2008 5:11AM Matching: radon
- [Learn the Signs and Symptoms of Lung Cancer](#)
Dental Plans: Jul 24 2008 1:51PM Matching: radon
- [Chester high in cancer, study says](#)
News and Reporter: Jul 23 2008 1:52AM Matching: radon
- [Home radon may have tie to childhood leukemia](#)
Reuters Health: Jul 18 2008 9:22PM Matching: radon
- [Study: High cancer in Great Falls](#)
News and Reporter: Jul 18 2008 5:26PM Matching: radon
- [Chester County high in cancer, study says](#)
News and Reporter: Jul 9 2008 4:13AM Matching: radon

Radon Clinical Trials:



- [Effectiveness of Radon Spa Therapy in Multimodal Rehabilitative Treatment of Rheumatoid Arthritis](#)
Rheumatoid Arthritis

Radon Patents:



- 7377499- [Gas enrichment module](#)
- 7387663- [Method and system for supplying high purity fluid](#)
- 7387738- [Removal of surface oxides by electron attachment for wafer bumping applications](#)
- 7387877- [Bio-sensor and bio-sensor reporting system](#)
- 7388209- [Target density imaging using discrete photon counting to produce high-resolution radiographic images](#)
- 7389158- [Method of making comparisons of indoor air quality scores](#)
- 7389204- [Data presentation system for abnormal situation prevention in a process plant](#)
- 7389225- [Method and mechanism for superpositioning state vectors in a semantic abstract](#)
- 7390477- [Fullerene nanotube compositions](#)
- 7390767- [Method for producing a catalyst support and compositions thereof](#)

- 7391028- [Apparatus and method for detection of radiation](#)
- 7386957- [Non-intrusive vapor collection apparatus](#)
- 7386088- [Method and system for iterative image reconstruction](#)
- 7378555- [Method of synthesizing camptothecin-relating compounds](#)
- 7379384- [Echo scope](#)
- 7379997- [System and method of controlling delivery and/or usage of a commodity](#)
- 7380518- [System and method for computer-controlled pet water dispenser](#)
- 7380820- [Heated gas inflator](#)
- 7381244- [Apparatus and process for air cleaning](#)
- 7382244- [Video surveillance, storage, and alerting system having network management, hierarchical data storage, video tip processing, and vehicle plate analysis](#)
- 7383237- [Computer-aided image analysis](#)
- 7384140- [Liquid droplet ejecting apparatus, liquid droplet ejecting system, electro-optical device, method of manufacturing electro-optical device, method of forming a metal wiring line, and electronic apparatus](#)
- 7385553- [Process for mapping multiple-bounce ghosting artifacts from radar imaging data](#)
- 7394887- [Method and apparatus for reconstruction of tilted cone beam data](#)
- 7397728- [Method for processing a record of seismic traces](#)
- 7399461- [Prostate-specific membrane antigen and uses thereof](#)
- 7409653- [Sub-resolution alignment of images](#)
- 7409924- [Training, management, and/or entertainment system for canines, felines, or other animals](#)
- 7410458- [Brachytherapy implant seeds](#)
- 7411494- [Wireless sensor unit](#)
- 7414525- [Remote monitoring of remediation systems](#)
- 7415901- [Duct probe assembly system for multipoint air sampling](#)
- 7416574- [Filter apparatus, exposure apparatus, and device-producing method](#)
- 7416581- [Air-permeable filtration media, methods of manufacture and methods of use](#)
- 7417553- [Surface mount or low profile hazardous condition detector](#)
- 7418075- [Subtle dynamic helical scan for uniform z-resolution and noise](#)
- 7409033- [Tomographic reconstruction for x-ray cone-beam scan data](#)
- 7408640- [Fluorescence polarization instruments and methods for detection of exposure to biological materials by fluorescence polarization immunoassay of saliva, oral or bodily fluids](#)
- 7399668- [Method for making electronic devices having a dielectric layer surface treatment](#)
- 7399681- [Glass-based SOI structures](#)
- 7403008- [Electron spin resonance microscope for imaging with micron resolution](#)
- 7405166- [Method of manufacturing charge storage device](#)
- 7405516- [Plasma-shell PDP with organic luminescent substance](#)
- 7405821- [Method of instrument standardization for a spectroscopic device](#)
- 7406212- [Method and system for parallel processing of Hough transform computations](#)
- 7407624- [Method for abatement of allergens, pathogens and volatile organic compounds](#)
- 7407686- [Optical film, polarizing plate and display device utilising the film, and production method of optical film](#)
- 7408347- [Highly constrained magnetic resonance spectroscopy image reconstruction method](#)
- 7418428- [System and method for controlling delivering of a commodity](#)

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