

Radioactive Waste

[View the current Radioactive Waste InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Radioactive_Waste.html)

(http://www.bioportfolio.com/indepth/Radioactive_Waste.html)



Recent Publications on Radioactive Waste:

- [Immunoradiometric determination of thyroglobulin in serum samples by time calibration transfer.](#)
Abstract Background: A limitation of isotopic assays is decay of the... 11th October, 2008
1Departamento Quimica, Universidad Politecnica de Valencia, Valencia,- Clin Chem Lab Med. 2008;46(10):1416-22. ([DOI Direct Link](#))
- [The plutonium isotopic composition of marine biota on Enewetak Atoll: a preliminary assessment.](#)
We have determined the level and distribution of gamma-emitting... 10th October, 2008
Center for Accelerator Mass Spectrometry, CMELS, Lawrence Livermore- J Environ Monit. 2008 Oct;10(10):1134-8. Epub 2008 Sep 12. ([DOI Direct Link](#))
- [Pretreatment of Hanford medium-curie wastes by fractional crystallization.](#)
Acceleration of the schedule for decontamination of the Hanford site using... 10th October, 2008
School of Chemical & Biomolecular Engineering, Georgia Institute of- Environ Sci Technol. 2008 Jul 1;42(13):4940-5.
- [A technique for estimating one-dimensional diffusion coefficients in low-permeability sedimentary rock using X-ray radiography: Comparison with through-diffusion measurements.](#)
The measurement of diffusive properties of low-permeability rocks is of... 8th October, 2008
University of New Brunswick, Fredericton, New Brunswick, Canada.- J Contam Hydrol. 2008 Aug 26. ([DOI Direct Link](#))
- [Use of an ex vivo local lymph node assay to assess contact hypersensitivity potential.](#)
The local lymph node assay (LLNA) is used to assess the contact... 3rd October, 2008
Drug Safety Research & Development, Pfizer Global Research and- J Immunotoxicol. 2008 Jul;5(3):271-7. ([DOI Direct Link](#))
- [\[The investigation of the composition of liquid radioactive waste\]](#)
In investigation the process of composition sediment of liquid unorganic... 2nd October, 2008
- Radiats Biol Radioecol. 2008 Jul-Aug;48(4):502-8.
- [\[The content in soil and the mobility of artificial radionuclides in the region of the regional radioactive waste storage situation\]](#)
The objects of researches are the soil and wild vegetation in the region... 1st October, 2008
- Radiats Biol Radioecol. 2008 Jan-Feb;48(1):102-9.
- [Cloning and overexpression of alkaline phosphatase PhoK from Sphingomonas sp. strain BSAR-1 for bioprecipitation of uranium from alkaline solutions.](#)
Cells of Sphingomonas sp. strain BSAR-1 constitutively expressed an... 1st October, 2008
Molecular Biology Division, Bhabha Atomic Research Centre, Trombay, Mumbai- Appl Environ Microbiol. 2008 Sep;74(17):5516-23. Epub 2008 Jul 18. ([DOI Direct Link](#))

- [Evaluation of a gamma technique for the assay of radioactive waste drums using two measurements from opposing directions.](#)
*A technique using two measurements from opposing directions for the assay...*16th September, 2008
Centre for Nuclear Techniques, 217 Nguyen Trai St., D.1, Hochiminh City,- Appl Radiat Isot. 2008 Aug 19. ([DOI Direct Link](#))
- [Proton and trivalent metal cation binding by dissolved organic matter in the opalinus clay and the callovo-oxfordian formation.](#)
*We investigated the proton and trivalent metal binding of dissolved...*5th September, 2008
Soil Chemistry Group, Institute of Biogeochemistry and Pollutant Dynamics,- Environ Sci Technol. 2008 Aug 15;42(16):5985-91.
- [21st International L H Gray Conference: The Radiobiology/Radiation Protection Interface Radiation Protection-The Next Generation ALARA in Radioactive Waste Management: Summary and Recommendations. Radiological Protection](#)
*We investigated the proton and trivalent metal binding of dissolved...*22nd August, 2008
- J Radiol Prot. 2008 Sep;28(3):429-34. Epub 2008 Aug 20. ([DOI Direct Link](#))
- [Statistical criteria to set alarm levels for continuous measurements of ground contamination.](#)
*In the course of the decommissioning of the ASTRA research reactor at the...*21st August, 2008
Nuclear Engineering Seibersdorf, A-2444 Seibersdorf, Austria.- Health Phys. 2008 Aug;95 Suppl 2:S128-32. ([DOI Direct Link](#))
- [U.S. research earmarks. Building a scientific legacy on a controversial foundation.](#)
*The objects of researches are the soil and wild vegetation in the region...*7th August, 2008
- Science. 2008 Jul 25;321(5888):480-3. ([DOI Direct Link](#))
- [Evaluation of anthropogenic dose distribution amongst building walls at the Metlino area of the upper Techa River region.](#)
*This paper presents the results of an effort to evaluate anthropogenic...*24th July, 2008
Urals Research Center for Radiation Medicine, 68-a Vorovsky Street,- Radiat Environ Biophys. 2008 Jul 23. ([DOI Direct Link](#))
- [On radiocarbon and plutonium leakage to groundwater in the vicinity of a shallow-land radioactive waste repository.](#)
*A shallow-land radioactive waste repository operated in boggy forest...*22nd July, 2008
Nuclear and Environmental Radioactivity Research Laboratory, Institute of- J Environ Radioact. 2008 Jul 18. ([DOI Direct Link](#))

Radioactive Waste Patents:



- 7312060- [Methods for the detection, analysis and isolation of nascent proteins](#)
- 7335902- [Container for storing radioactive materials](#)
- 7337842- [Methods of using cement compositions comprising high alumina cement and cement kiln dust](#)
- 7338923- [Settable drilling fluids comprising cement kiln dust](#)
- 7338925- [Zeolite compositions having enhanced compressive strength](#)
- 7339045- [Bioreactive agents](#)
- 7344602- [Scale conditioning agents and treatment method](#)
- 7345028- [Energy-protective composition comprising adenosine phosphates](#)
- 7347983- [Mg₂MM'o 6+x, \(M=Y, rare earth metal and M'=SN, OR Zr\) dielectric ceramics](#)

- 7348160- [Phosphoamidase assay](#)
- 7353870- [Methods of using settable compositions comprising cement kiln dust and additive\(s\)](#)
- 7335850- [Plasma jet electrode device and system thereof](#)
- 7335252- [Lightweight settable compositions comprising cement kiln dust](#)
- 7329399- [Hydrogen trapper compound, method for the production and uses thereof](#)
- 7312171- [Method of binding structural material](#)
- 7317031- [Substituted triazole diamine derivatives as kinase inhibitors](#)
- 7323109- [Composition comprising metal-ion sequestrant](#)
- 7323613- [Method and installation for the treatment of radioactive wastes](#)
- 7323981- [Container tracking system](#)
- 7324854- [Computer-aided warehouse](#)
- 7326345- [Bioremediation method which is used to concentrate and eliminate radionuclides in radioactive water](#)
- 7326346- [High capacity regenerable sorbent for removal of arsenic and other toxic ions from drinking water](#)
- 7328463- [Water-soluble articles and methods of making and using the same](#)
- 7329395- [Treatment apparatus and treatment method for organic waste](#)
- 7357979- [Composition of matter comprising polymer and derivatized nanoparticles](#)
- 7358503- [Tomography of solid materials](#)
- 7388896- [Induction melter apparatus](#)
- 7392166- [Method for more rapidly producing the representative stochastic model of a heterogeneous underground reservoir defined by uncertain static and dynamic data](#)
- 7395860- [Methods of using foamed settable compositions comprising cement kiln dust](#)
- 7399589- [Immunological detection of RNA:DNA hybrids on microarrays](#)
- 7402542- [Construction material](#)
- 7408161- [Investigations](#)
- 7419604- [Use of boron compounds to precipitate uranium from water](#)
- 7419664- [Method of treatment using antibody to CLCA-1](#)
- 7423122- [N-terminal and C-terminal markers in nascent proteins](#)
- 7427761- [Visualizing apparatus using gamma ray source](#)
- 7387675- [Foamed settable compositions comprising cement kiln dust](#)
- 7386402- [Remotely reconfigurable system for mapping structure subsurface geological anomalies](#)
- 7385184- [Volume calibration phantom and calibration method thereof](#)
- 7360967- [Solubilization and disposal of radioactive scale and sludge](#)
- 7361801- [Methods for immobilization of nitrate and nitrite in aqueous waste](#)
- 7363866- [Control system for a waste processing apparatus](#)
- 7368091- [Cesium and strontium capsule disposal package](#)
- 7370445- [Sludge removal](#)
- 7374881- [Method for collecting and using nuclear mRNA](#)
- 7381010- [System and method for removal of buried objects](#)
- 7381014- [Natural analog system for reducing permeability of ground](#)
- 7381263- [Cement compositions comprising high alumina cement and cement kiln dust](#)
- 7384529- [Method for electrochemical decontamination of radioactive metal](#)
- 7429239- [Methods for melting of materials to be treated](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

