

Radioisotope Dilution Technique

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Recent Publications on Radioisotope Dilution Technique:



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We examined body composition in barnacle geese (Branta leucopsis) by... 19th September, 2008
Centre for Ecological and Evolutionary Studies, University of Groningen,- *Physiol Biochem Zool.* 2008 Jul-Aug;81(4):508-18. ([DOI Direct Link](#))
- [Quinolinic acid induced neurodegeneration in the striatum: a combined in vivo and in vitro analysis of receptor changes and microglia activation.](#)
PURPOSE: Huntington's disease (HD) is a progressive neurodegenerative... 6th August, 2008
IBFM-CNR, University of Milan Bicocca, Nuclear Medicine Department, San- Eur *J Nucl Med Mol Imaging.* 2008 Apr;35(4):704-15. Epub 2007 Dec 15. ([DOI Direct Link](#))
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We have developed a method using on-line solid-phase... 1st August, 2008
Division of Laboratory Sciences, National Center for Environmental Health,- *Anal Bioanal Chem.* 2008 Jul;391(5):1931-9. Epub 2008 May 3. ([DOI Direct Link](#))
- [Properties of thiamine transport in isolated perfused hearts of chronically alcoholic guinea pigs.](#)
The aim of this study was to determine the mechanism of transport of... 3rd July, 2008
Institute of Physiology, School of Medicine, Visegradska 26/II, Belgrade- *Can J Physiol Pharmacol.* 2008 Apr;86(4):160-5. ([DOI Direct Link](#))
- [A novel technique to determine cobalt exchangeability in soils using isotope dilution.](#)
The environmental risk posed by Co contamination is largely a function of... 2nd July, 2008
CSIRO Land and Water, Centre for Environmental Contaminant Research,- *Environ Sci Technol.* 2008 Jan 1;42(1):140-6.
- [Peripheral blood hematocrit in critically ill surgical patients: an imprecise surrogate of true red blood cell volume.](#)
BACKGROUND: Peripheral blood hematocrit (red blood cell volume/total blood... 6th June, 2008
Department of Surgery, John A. Burns School of Medicine, University of- *Anesth Analg.* 2008 Jun;106(6):1808-12. ([DOI Direct Link](#))
- [Blood, plasma, and red blood cell volumes in intensive care unit patients.](#)
BACKGROUND: Peripheral blood hematocrit (red blood cell volume/total blood... 6th June, 2008
- *Anesth Analg.* 2008 Jun;106(6):1603-4. ([DOI Direct Link](#))
- [Quantification of urinary aflatoxin B1 dialdehyde metabolites formed by aflatoxin aldehyde reductase using isotope dilution tandem mass spectrometry.](#)

- The aflatoxin B 1 aldehyde reductases (AFARs), inducible members of the...* 31st May, 2008
Department of Environmental Health Sciences, Bloomberg School of Public- Chem Res Toxicol. 2008 Mar;21(3):752-60. Epub 2008 Feb 12. ([DOI Direct Link](#))
- [Whole body norepinephrine kinetics in ANG II-salt hypertension in the rat.](#)
The purpose of this study was to investigate total body norepinephrine... 23rd May, 2008
Department of Pharmacology and Toxicology, Michigan State University, East- Am J Physiol Regul Integr Comp Physiol. 2008 Apr;294(4):R1262-7. Epub 2008 ([DOI Direct Link](#))
 - [Ultra performance liquid chromatography isotope dilution tandem mass spectrometry for the absolute quantification of proteins and peptides.](#)
A selective, rapid, and sensitive 12.7-min ultra performance liquid... 21st May, 2008
Division of Laboratory Science, National Center for Environmental Health,- Anal Chem. 2008 Apr 15;80(8):2688-93. Epub 2008 Mar 19. ([DOI Direct Link](#))
 - [Prevention of artifactual oxidation in determination of cellular 8-oxo-7,8-dihydro-2'-deoxyguanosine by isotope-dilution LC-MS/MS with automated solid-phase extraction.](#)
A highly sensitive quantitative method based on LC-MS/MS was developed to... 15th April, 2008
Department of Occupational Safety and Health, Chung Shan Medical- Free Radic Biol Med. 2008 Feb 1;44(3):464-73. Epub 2007 Oct 13. ([DOI Direct Link](#))
 - [PET kinetic analysis: error consideration of quantitative analysis in dynamic studies.](#)
Positron emission tomography dynamic studies have been performed to... 9th April, 2008
Department of Investigative Radiology, National Cardiovascular Center- Ann Nucl Med. 2008 Jan;22(1):1-11. ([DOI Direct Link](#))
 - [Simplifications in analyzing positron emission tomography data: effects on outcome measures.](#)
Initial validation studies of new radiotracers generally involve kinetic... 21st February, 2008
Medical Department, Brookhaven National Laboratory, Upton, NY 11973, USA.- Nucl Med Biol. 2007 Oct;34(7):743-56. Epub 2007 Aug 27. ([DOI Direct Link](#))
 - [Simultaneous quantification of free triiodothyronine and free thyroxine by isotope dilution tandem mass spectrometry.](#)
OBJECTIVES: This study was designed to improve our previously developed... 12th February, 2008
Department of Laboratory Medicine, Children's National Medical Center, 111- Clin Biochem. 2007 Dec;40(18):1386-91. Epub 2007 Aug 24. ([DOI Direct Link](#))
 - [Paradigms in isotope dilution mass spectrometry for elemental speciation analysis.](#)
Isotope dilution mass spectrometry currently stands out as the method... 26th January, 2008
Institute for National Measurement Standards, National Research Council- Anal Chim Acta. 2008 Jan 28;607(2):115-25. Epub 2007 Dec 7. ([DOI Direct Link](#))

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