

Chemical Weapons

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Recent Publications on Chemical Weapons:



- [Evaluating the Community Health Legacy of WWI Chemical Weapons Testing.](#)
Spring Valley, Washington, DC, was built over a World War I chemical... 19th November, 2009
Department of Health Policy and Management, Johns Hopkins Bloomberg School- J Community Health. 2009 Nov 18. ([DOI Direct Link](#))
- [Iron and its complexation by phenolic cellular metabolites: From oxidative stress to chemical weapons.](#)
Iron is a transition metal that forms chelates and complexes with various... 31st October, 2009
Department of Chemical Ecology and Ecosystem Research, Faculty of Life- Plant Signal Behav. 2010 Jan 28;5(1).
- [Biologists napping while work militarized.](#)
As researchers discover more agents that alter mental states, the Chemical... 24th September, 2009
Department of Peace Studies, University of Bradford, Richmond Road,- Nature. 2009 Aug 20;460(7258):950-1. ([DOI Direct Link](#))
- [\[New approaches to early diagnosis of chronic organophosphorus chemicals intoxication in workers at chemical weapons extermination objects\]](#)
Mass spectrum analysis revealed differences in general contents of... 16th September, 2009
- Med Tr Prom Ekol. 2009;(4):23-6.
- [The chronic effects of sulfur mustard exposure.](#)
Whilst the acute effects of sulfur mustard have been relatively well... 22nd August, 2009
Organization for the Prohibition of Chemical Weapons, Johan de Wittlaan- Toxicology. 2009 Sep 1;263(1):9-11. Epub 2009 May 30. ([DOI Direct Link](#))
- [Quantitative analysis of chemical warfare agent degradation products in beverages by liquid chromatography tandem mass spectrometry.](#)
Though chemical warfare agents (CWAs) have been banned by the Chemical... 19th August, 2009
Forensic Science Center, Lawrence Livermore National Laboratory, L-091- J Agric Food Chem. 2009 Sep 23;57(18):8227-35. ([DOI Direct Link](#))
- [On-line high-performance liquid chromatography-ultraviolet-nuclear magnetic resonance method of the markers of nerve agents for verification of the Chemical Weapons Convention.](#)
This paper details an on-flow liquid chromatography-ultraviolet-nuclear... 7th August, 2009
Vertox Laboratory, Defence Research and Development Establishment, Gwalior- J Chromatogr A. 2009 Jul 3;1216(27):5228-34. Epub 2009 May 13. ([DOI Direct Link](#))
- [\[Interest of Ineurope syringe for nerve agent intoxication\]](#)
Chemical weapons represent an ever-growing threat, not only for military... 6th August, 2009

Service d'anesthésie-reanimation, hopital d'instruction des armées Begin,- Ann Fr Anesth Reanim. 2009 May;28(5):482-8. Epub 2009 Apr 5. ([DOI Direct Link](#))

- [Epidemiological data on health of military personnel participating in the UK's chemical defence programme.](#)
*A January, 2009 report that burning bitumen and sulphur had been used by...*25th July, 2009 Gloucestershire, GL6 9AL, United Kingdom.- J Epidemiol Community Health. 2009 Jul 21. ([DOI Direct Link](#))
- [Quantitation of Chemical Warfare Agents Using the Direct Analysis in Real Time \(DART\) Technique.](#)
*Direct analysis in real time (DART) is an ion source that permits rapid...*25th July, 2009 Excet, Inc., 8001 Braddock Road, Suite 105, Springfield, Virginia 22151,- Anal Chem. 2009 Jul 22. ([DOI Direct Link](#))
- [Liquid-liquid-liquid microextraction of degradation products of nerve agents followed by liquid chromatography-tandem mass spectrometry.](#)
*Alkyl alkyphosphonic acids (AAPAs) are important environmental markers of...*3rd July, 2009 Vertox Laboratory, Defence Research and Development Establishment,- J Chromatogr A. 2009 May 15;1216(20):4319-28. Epub 2009 Mar 18. ([DOI Direct Link](#))
- [\[Mustard gas bombs found astray in the Faxafloi bay. Mustard gas: usage and poisonings\]](#)
*The finding in 1972 of two World War II mustard gas artillery shells in...*20th June, 2009 Rannsóknastofu i lyfja-og- Laeknabladid. 2009 May;95(5):359-65.
- [Fragmentation energy index for universalization of fragmentation energy in ion trap mass spectrometers for the analysis of chemical weapon convention related chemicals by atmospheric pressure ionization-tandem mass spectrometry analysis.](#)
*The use of mass spectra generated at 70 eV in electron ionization (EI) as...*2nd June, 2009 Organization for the Prohibition of Chemical Weapons Laboratory, Heulweg- Anal Chem. 2009 Apr 1;81(7):2477-85. ([DOI Direct Link](#))

BioNews Results for Chemical Weapons

- [Chemical Weapons Disposal Factory Starts Using Mercury Capture Equipment](#)
Research & Development: Oct 20 2009 12:55PM Matching: chemical weapons
- [Chemical Warfare - Research on chemical warfare detailed by J. Owens and co-authors](#)
NewsRX: Oct 16 2009 8:50AM Matching: chemical weapons

Chemical Weapons Patents:



- 7442340- [Chemical agent monitoring system](#)
- 7468672- [Detection and identification method for in-transit determination of chemical contraband, decaying animal and vegetable matter, and concealed humans in cargo shipping containers and other secure spaces](#)
- 7475428- [Secure detection network system](#)
- 7479884- [System and method for monitoring objects, people, animals or places](#)

- [7485199- Ni based alloy with excellent corrosion resistance to supercritical water environments containing inorganic acids](#)
- [7494904- Plasma-assisted doping](#)
- [7497165- Blasting method by controlling oxygen supply](#)
- [7497922- Plasma-assisted gas production](#)
- [7501629- Fenceline monitoring of air contaminants](#)
- [7502115- System and method for high sensitivity optical detection of gases](#)
- [7504369- Methods and compositions for decontaminating surfaces exposed to chemical and/or biological warfare compounds](#)
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- [7466410- Photonic-based sensors and methods for detecting analytes](#)
- [7465362- Plasma-assisted nitrogen surface-treatment](#)
- [7442754- Molecular imprinting of small particles, and production of small particles from solid state reactants](#)
- [7442848- Treatment of chemical agent hydrolysates](#)
- [7445799- Compositions for microbial and chemical protection](#)
- [7445817- Plasma-assisted formation of carbon structures](#)
- [7445938- System and method for detecting presence of analytes using gratings](#)
- [7449685- Gas monitoring apparatus](#)
- [7449695- Terahertz imaging system for examining articles](#)
- [7450730- Personal monitoring system for a user and method for monitoring a user](#)
- [7456390- Longitudinal field driven ion mobility filter and detection system](#)
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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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