

## atomic energy authority

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### Recent Publications by atomic energy authority:



- [Sorption reaction mechanism of some hazardous radionuclides from mixed waste by impregnated crown ether onto polymeric resin.](#)  
*A novel impregnated polymeric resin was practically tested as adsorbent...*13th November, 2009  
Analytical Chemistry and Control Department, Hot Laboratories and Waste- Appl Radiat Isot. 2009 Oct 28. ([DOI Direct Link](#))
- [Natural radionuclide content and radiological hazard associated with usage of quartzite sand samples from Ovacik-Silifke-Mersin open pit as building material in Turkey.](#)  
*Activity concentrations of (238)U, (232)Th, (226)Ra and (40)K in quartzite...*6th November, 2009  
Turkish Atomic Energy Authority (TAEA), Adana, Turkey.- Radiat Prot Dosimetry. 2009;136(2):101-7. Epub 2009 Aug 11. ([DOI Direct Link](#))
- [Inorganic layered double hydroxides as ascorbic acid \(vitamin C\) delivery system--intercalation and their controlled release properties.](#)  
*ZnFe- and MgFe-LDHs were prepared by the anion exchange method, with the...*24th October, 2009  
Hot Labs Centre, Atomic Energy Authority, P.Code 13759, Cairo, Egypt. mona- Colloids Surf B Biointerfaces. 2009 Oct 1;73(1):103-9. Epub 2009 May 14. ([DOI Direct Link](#))
- [METHODS FOR SPECTRAL INTERFERENCE CORRECTIONS FOR DIRECT MEASUREMENTS OF 234U AND 230Th IN MATERIALS BY GAMMA-RAY SPECTROMETRY.](#)  
*When the high-resolution gamma-ray spectrometry was used in the analysis...*22nd October, 2009  
Turkish Atomic Energy Authority (TAEA), Besevler Yerleskesi, Tandogan,- Radiat Prot Dosimetry. 2009 Oct 20. ([DOI Direct Link](#))
- [Design, synthesis and anticancer evaluation of novel tetrahydroquinoline derivatives containing](#)

[sulfonamide moiety.](#)

*Sulfonamides poses many types of biological activities and have recently...*15th October, 2009  
Department of Drug Radiation Research, National Centre for Radiation- Eur J Med Chem. 2009  
Oct;44(10):4211-7. Epub 2009 May 24. ([DOI Direct Link](#))

- [Extraction and separation of Co\(II\) and Ni\(II\) from acidic sulfate solutions using Aliquat 336.](#)  
*Extraction and separation of Co(II) and Ni(II) from acidic sulfate...*29th September, 2009  
Hot Laboratory Center, Atomic Energy Authority, P.O. 13759, Inshas, Cairo,- J Hazard Mater. 2009  
Aug 22. ([DOI Direct Link](#))
- [Removal of chromium from aqueous waste solution using liquid emulsion membrane.](#)  
*This paper presents a comprehensive study in recovery of Cr (VI) from...*12th September, 2009  
Department of Analytical Chemistry, Hot Laboratories Center, Atomic Energy- J Hazard Mater. 2009  
Sep 15;168(2-3):1537-41. Epub 2009 Mar 18. ([DOI Direct Link](#))
- [Activated carbon from agricultural by-products for the removal of Rhodamine-B from aqueous solution.](#)  
*Bagasse pith (BP) has been utilized for activated carbon preparation using...*12th September, 2009  
Hot Laboratories and Waste Management Centre, Egyptian Atomic Energy- J Hazard Mater. 2009 Sep  
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- [Physico-chemical studies on the thyroid stimulating hormone immunoradiometric assay.](#)  
*Thyroid stimulating hormone (TSH), which is known as thyrotropin, is an...*10th September, 2009  
Labeled Compounds Department, Radioisotopes Production Division, Hot- J Immunoassay  
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- [Distribution of gamma-ray emitting radionuclides in the marine environment of the Burullus Lake: II. Bottom sediments.](#)  
*The sediment compartment has the ability to trap large amounts of...*5th September, 2009  
Hot Laboratories Center, Atomic Energy Authority, Cairo, Egypt.- Environ Monit Assess. 2009 Sep 3. ([DOI Direct Link](#))
- [Spectral interference corrections for the measurement of \(238\)U in materials rich in thorium by a high resolution gamma-ray spectrometry.](#)  
*In this study, the spectral interferences are investigated for the...*18th August, 2009  
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- [In vitro efficiency and mechanistic role of indocyanine green as photodynamic therapy agent for human melanoma.](#)  
*BACKGROUND: Photodynamic therapy (PDT) is a promising treatment for...*18th August, 2009  
Egyptian Atomic Energy Authority, Nasr City, Cairo, Egypt.- Photodiagnosis Photodyn Ther. 2009  
Jun;6(2):105-16. ([DOI Direct Link](#))
- [Efficient removal of cesium from low-level radioactive liquid waste using natural and impregnated zeolite minerals.](#)  
*The objective of the proposed work was focused to provide promising...*7th August, 2009  
Hot Laboratories and Waste Management Center, Atomic Energy Authority,- J Hazard Mater. 2009 Dec  
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- [Kinetic aspects and swelling changes of magnesium and cerium titano-antimonates in aqueous and mixed solvents.](#)  
*Magnesium titano-antimonate (MgTi5Sb2O16.-12.5H2O) and cerium...*21st July, 2009  
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- [Synthesis, anticancer and radioprotective activities of some new pyrazolo\[3,4-d\]pyrimidines containing amino acid moieties.](#)  
*Various isomeric structural purine analogues possessing the...*29th April, 2009  
Department of Drug Radiation Research, National Centre for Radiation- Arzneimittelforschung.  
2009;59(2):96-103.

## Press Releases on atomic energy authority:

<a href="#">Make the Most of Your Holiday Haul with Lady Foot Locker</a>	23rd November, 2009	Lady Foot Locker	<i>NEW YORK, Nov. 23 /PRNewswire/ -- With the holidays approaching, one can anticipate a few extra treats...and possibly a few extra inches and pounds. Lady Foot Locker recommends shoppers take</i>
<a href="#">Tis&amp;apos; the Season to Eat and Eat More!</a>	23rd November, 2009	Bach Original Flower Remedies	<i>NORTH ANDOVER, Mass., Nov. 23 /PRNewswire/ -- This time of year brings lots of cheer but also its fair share of stress and anxiety. Often these feelings, both positive and negative, translate into</i>
<a href="#">Video: Medtronic Partners with Patient Advocacy Groups to Launch Educational Campaign During Bladder Health Awareness Month</a>	20th November, 2009	Medtronic	<i>MINNEAPOLIS, Nov. 20 /PRNewswire/ -- Medtronic, Inc. today announced the kick-off of an educational campaign aimed at raising awareness among women of overactive bladder (OAB), a serious condition</i>
<a href="#">Reportlinker Adds Power Wheelchair Market Shares, Strategies, and Forecasts, Worldwide, 2009 to 2015</a>	20th November, 2009	Reportlinker	<i>NEW YORK, Nov. 20 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Power Wheelchair Market Shares, Strategies, and Forecasts, Worldwide,</i>
<a href="#">Medication Compliance Is a Key Concern for Employers, According to New Survey</a>	20th November, 2009	National Pharmaceutical Council	<i>Unique Survey Takes First-Time Look at Employers&amp;apos; Views and Strategies to Improve Compliance</i> <i>WASHINGTON, Nov. 20 /PRNewswire-USNewswire/ -- More employers are taking steps to improve their</i>

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- [How size matters for catalysts](#)  
*Chemie.de: Nov 10 2009 2:49PM Matching: atom energi author*
- [Mimicking nature, scientists can now extend redox potentials](#)  
*Research & Development: Nov 7 2009 6:24AM Matching: atom energi author*
- [Link between Catalyst Particles and Chemical Reactions Demonstrated](#)  
*Research & Development: Nov 6 2009 6:46AM Matching: atom energi author*
- [How size matters for catalysts](#)

- *Genetic Engineering News: Nov 5 2009 8:52PM Matching: atom energi author*
- [Scientists identify roots of diabetic tissue damage](#)  
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- [IBEX satellite finds ribbon-like structure at edge of heliosphere](#)  
*Research & Development: Oct 15 2009 8:53PM Matching: atom energi author*
- [Study: Higher cancer rates for ex-Hanford workers](#)  
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#### atomic energy authority Patents:



- 5008159- [Method of producing silicon carbide-based bodies](#)
- 5068532- [Analysis using neutrons](#)
- 5097693- [Continuous extrusion apparatus](#)
- 5144312- [Locating system](#)
- 5171337- [Exhaust particulate filter](#)
- 5198083- [Electrochemical cell and method of treating waste material therewith](#)
- 5217587- [Electrodes](#)
- 5225056- [Separation method](#)
- 5238741- [Silicon carbide filaments bearing a carbon layer and a titanium carbide or titanium boride layer](#)
- 5240572- [Electrochemical ion exchange](#)
- 5248401- [Electrodes](#)
- 5066453- [Nuclear fuel assembly coolant control](#)
- 5064449- [Fluid degassing](#)
- 5061163- [Die assembly](#)
- 5009970- [Polymer electrolytes](#)
- 5013419- [Coating apparatus](#)
- 5019430- [Method of producing a silicon carbide-based body](#)
- 5019777- [Eddy current testing program with scanning probe head having parallel and normal sensing coils](#)
- 5022973- [Method of electrostatically enhanced solvent extraction and apparatus therefor](#)
- 5030523- [Electrochemical cell manufacture](#)
- 5030885- [Charged particle control device](#)
- 5048729- [Aerosol dispenser with flow diverter](#)
- 5051229- [Thermally responsive trigger devices and their use in shut-down devices for nuclear reactors](#)
- 5059575- [Catalyst for the oxidation of carbonaceous particulates and method of making the catalyst](#)
- 5256375- [Mixing device](#)
- 5271290- [Actuator assembly](#)
- 5464708- [Titanium dioxide-based material](#)
- 5473948- [Flow measurement](#)
- 5483160- [Eddy current testing system with scanning probe head having parallel and normal sensing coils](#)
- 5503807- [Gas activation](#)
- 5512244- [Gas sterilization](#)

- 5536387- [Silver removal](#)
- 5545311- [Filter cleaning](#)
- 5579332- [Plasma light source](#)
- 5584981- [Electrochemical deionization](#)
- 5601235- [Aerosol generator](#)
- 5441832- [Electrochemical cell](#)
- 5440876- [Exhaust gas purification](#)
- 5422644- [Hard-wired controlled/monitor](#)
- 5283010- [Tritium removal](#)
- 5293134- [Tandem accelerator](#)
- 5332550- [Aerosol sampler](#)
- 5340450- [Removal of organic materials from a gas](#)
- 5342514- [Electrical filter](#)
- 5365789- [Pressure transducers with diamond diaphragms and optical deflection detection means](#)
- 5365962- [Flow control system and method of operating a flow control system](#)
- 5379664- [Hydraulic manipulator](#)
- 5395593- [Processing vessel](#)
- 5418430- [Plasma generator with field-enhancing electrodes](#)
- 5644655- [Identification method and apparatus](#)

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