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Recent Publications by Bulgarian Academy of Sciences:



- [Protection of thylakoids against combined light and drought by a luminal substance in the resurrection plant *Haberlea rhodopensis*.](#)
*Background and Aims Haberlea rhodopensis is a perennial, herbaceous,...*17th November, 2009
Acad. M. Popov Institute of Plant Physiology, Bulgarian Academy of- Ann Bot. 2009 Nov 13. ([DOI Direct Link](#))
- [Biosorption of copper\(II\) and cadmium\(II\) from aqueous solutions by free and immobilized biomass of *Aspergillus niger*.](#)
*This study investigates the ability of Aspergillus niger resting cells...*13th November, 2009
Microbial Ecology Department, Institute of Microbiology, Bulgarian Academy- Bioresour Technol. 2009 Nov 9. ([DOI Direct Link](#))
- [Liquid-Crystalline Nematic Phase in Aqueous Suspensions of a Disk-Shaped Natural Beidellite Clay.](#)
*After size-selection and osmotic pressure measurements at fixed ionic...*13th November, 2009
Laboratoire Environnement et Mineralurgie, Nancy University CNRS-INPL UMR- J Phys Chem B. 2009 Nov 11. ([DOI Direct Link](#))
- [Avoiding Drug-Resistance Development by Novel Approach of Combining Anti-Enteroviral Substances against Coxsackievirus B1 Infection in Mice.](#)
*Current study presents a novel scheme for combined application of...*11th November, 2009
The Stephan Angeloff Institute of Microbiology, Bulgarian Academy of- Antiviral Res. 2009 Nov 6. ([DOI Direct Link](#))
- [Application of surface photo charge effect for milk quality control.](#)

- The potential difference induced by the interaction of samples with...* 10th November, 2009
Georgi Nadjakov Inst of Solid State Physics, Bulgarian Academy of- J Food Sci. 2009
Sep;74(7):R79-83. ([DOI Direct Link](#))
- [Trends in Utilization of the Pharmacological Potential of Chalcones.](#)
Chalcones (1,3-diaryl-2-propen-1-ones) are open chain flavonoids that are... 7th November, 2009
Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian- Curr Clin Pharmacol. 2009
Nov 6.
 - [Is the concept of photosynthetic units verified?](#)
The cornerstones of the first fundamental concept of photosynthetic... 5th November, 2009
Institute of Biophysics, Bulgarian Academy of Sciences, Academic G.- Z Naturforsch C. 2009
Jul-Aug;64(7-8):459-75.
 - [Investigating Nanostructuring within Imidazolium Ionic Liquids: A Thermodynamic Study Using Photochromic Molecular Probes.](#)
Molecular photoswitches have been used to investigate the possibility of... 3rd November, 2009
Biomedical Diagnostics Institute, National Centre for Sensor Research,- J Phys Chem B. 2009 Nov
26;113(47):15589-15596. ([DOI Direct Link](#))
 - [The expression of HMGB1 protein and its receptor RAGE in human malignant tumors.](#)
High Mobility Group Box 1 (HMGB1) is a nuclear non-histone protein... 31st October, 2009
Institute of Molecular Biology, Bulgarian Academy of Sciences, 1113,- Mol Cell Biochem. 2009 Oct 30.
([DOI Direct Link](#))
 - [A validated spectrophotometric method for quantification of prenylated flavanones in pacific propolis from Taiwan.](#)
Introduction - Because of its chemical diversity, the only way to... 27th October, 2009
Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian- Phytochem Anal. 2009 Oct 25.
([DOI Direct Link](#))
 - [Production of an exopolysaccharide by Antarctic yeast.](#)
Psychrophilic Antarctic yeasts produce polysaccharides in different... 15th October, 2009
Laboratory of Applied Microbiology, Institute of Microbiology, Bulgarian- Folia Microbiol (Praha).
2009;54(4):343-8. Epub 2009 Oct 14. ([DOI Direct Link](#))
 - [Protein destabilizing agents induce polyreactivity and enhanced immunomodulatory activity in IVIg preparations.](#)
Normal pooled human IVIg are produced using various blood protein... 9th October, 2009
Department of Immunology, Stefan Angelov Institute of Microbiology,- Autoimmunity. 2009
May;42(4):365-7.
 - [Intersystem crossings of the triplet and singlet States in cobalt and copper mononitrosyls.](#)
Local minima on the singlet, triplet, and quintet potential energy... 1st October, 2009
Institute of General and Inorganic Chemistry, Bulgarian Academy of- J Phys Chem A. 2009 Oct
22;113(42):11266-72. ([DOI Direct Link](#))
 - [CO-Free Hydrogen Production for Fuel Cell Applications over Au/CeO\(2\) Catalysts: FTIR Insight into the Role of Dopant \(dagger\).](#)
The impact of ceria doping by Zn (atomic ratio Zn/(Zn + Ce) = 0.05) on the... 1st October, 2009
Institute of Catalysis, Bulgarian Academy of Sciences, Acad. G. Bonchev- J Phys Chem A. 2009 Sep
29. ([DOI Direct Link](#))
 - [Synthesis of Cyclopentitols by Ring-Closing Approaches.](#)
The impact of ceria doping by Zn (atomic ratio Zn/(Zn + Ce) = 0.05) on the... 24th September, 2009
Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian- Chem Rev. 2009 Sep 22. ([DOI Direct Link](#))

Press Releases on Bulgarian Academy of Sciences:

Derma Sciences's Shareholders Approve Reverse Stock Split	25th November, 2009	Derma Sciences, Inc.	PRINCETON, N.J., Nov. 25 /PRNewswire-FirstCall/ -- Derma Sciences, Inc. (OTC Bulletin Board: DSCI) a specialty medical device/pharmaceutical company focused on advanced wound care, announced today -Japanese patent issuances facilitate commercialization of MCC in Japan- BELLEVILLE, ON, Nov. 24 /PRNewswire-FirstCall/ - Bioniche Life Sciences Inc. (TSX: BNC), a research-based, technology-driven
Bioniche Strengthens the International Patent Portfolio for its MCC Technology Platform	24th November, 2009	Bioniche Life Sciences Inc.	Major Study Unveiled, Evaluates Strategies to Reduce Green House Gas Emissions What Members of the press are invited to the unveiling and policy discussion of a major international study on the Public
A Call to Copenhagen - Health Effects of Climate Change	24th November, 2009	National Institute of Environmental Health Sciences	WASHINGTON, Nov. 24 /PRNewswire/ -- MinuteClinic, the pioneer and largest provider of retail-based health care in the United States, has opened its first retail health care center in Washington, D.C.
MinuteClinic Opens First Retail Clinic in Washington, D.C. at CVS/pharmacy Store in Northeast	24th November, 2009	MinuteClinic	SAN DIEGO, Nov. 24 /PRNewswire-FirstCall/ -- Optimer Pharmaceuticals, Inc. (Nasdaq: OPTR) is scheduled to present at the 21st Annual Piper Jaffray Health Care Conference at The New York Palace in New
Optimer Pharmaceuticals to Present at the 21st Annual Piper Jaffray Health Care Conference	24th November, 2009	Optimer Pharmaceuticals, Inc.	

Bulgarian Academy of Sciences Patents:



- 5624653- [Method for producing sulphur trioxide](#)
- 5583081- [Copper-containing zeolite catalysts](#)

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