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New Science and Technology Journals

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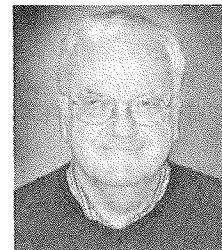
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New Science and Technology Journals Earl Mounts



ACS Chemical Biology. 1554-8929. American Chemical Society. v.1, 2006. 12/year. \$1,950.00. <http://pubs.acs.org/journals/acbcct/index.html>

ACS Chemical Biology is a unique resource developed and guided by leaders of the chemical biology community to serve the needs of the growing number of researchers now working at the border of chemistry and life science. The aims and scope of the journal have been carefully developed to create a new type of publication that not only reports the latest findings but also serves as a much-needed practical resource and gateway to this area. In addition to rapid communication of the most important peer-reviewed research to a broad international audience, the journal features special content that provides a complete set of tools to stay current and informed. Topics covered include nucleic acids, lipids and lipoproteins, signal transduction mechanisms and pathways, cell signaling and communication, molecular evolution, molecular recognition, and chemical genetics and chemical genomics.

China Particuology. 1672-2515. World Scientific. v.1, 2003. 6/year. \$240.00. <http://www.worldscinet.com/cp/cp.shtml>

China Particuology presents the best papers in research, engineering and application in the overall field of particuology, including particle characterization, particle preparation, aerosol, fluidization and ultra-fine particles. The word was coined to correspond to the Chinese terminology (ke-li-xue), which denotes both the science and technology of particles. Although the journal is China-based, it accepts papers of international origin, in addition to the best papers representing current advances in China. Articles can be purchased online for U.S. \$25.

Cosmos. 0219-6077. World Scientific. v.1, 2005. 2/year. \$106.00. <http://www.worldscinet.com/cosmos/cosmos.shtml>

Cosmos, the Journal of the Singapore National Academy of Science, publishes expository or

review articles, articles on new research results, or a combination of both, with the aim of promoting interdisciplinary research in science and mathematics. Papers appearing in the journal should contain original information, theoretical or experimental, on multidisciplinary research in science and mathematics. Each volume focuses on a special topic in a discipline and is accessible to researchers from other disciplines.

ECS Transactions. Electrochemical Society. v.1, 2006. Annual. Pricing varies. <http://www.electrochem.org/publications/ecst/ecst.htm>

The first publications from *ECS Transactions*, a monographic series, will be available at the ECS fall 2005 meeting in Los Angeles, California. These are hard-cover versions of the electronic editions. The electronic editions of all *ECST* issues will be available beginning March 2006. Readers will be able to purchase individual articles or complete issues in electronic or on-demand, hard-cover format. Each meeting is represented by a volume and each symposium is represented by an issue. Depending on the decision of each symposium's organizers, some meeting papers will be published online the first day of the meeting. Other papers will be published online approximately 12 weeks after the meeting—a vast improvement over the old proceedings volume program.

Electronic Journal of Boundary Elements (EJBE). 1542-3891. Scholarly Communication Center, Alexander Library, Rutgers University. v.1, 2003. Annual. Free. <http://ejbe.libraries.rutgers.edu/>

The *Electronic Journal of Boundary Elements (EJBE)* publishes fully reviewed papers dealing with all aspects of the Boundary Element Method (BEM), also known as the Boundary Integral Equation Method (BIE). Recent articles include "Study On Oil Reservoir Productivity Performance Via Combination of Taguchi and BEM Analyses," by Mohamad Nasir, Mohamad Ibrahim and Solehuddin Shuib and "2D Fundamental Solutions for the General Anisotropic Solids with Computer Codes," by Mitsunori Denda.

International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC). 1743-8225. Inderscience Publishers. v.1, 2005. 4/year. \$545.00. <http://www.inderscience.com/browse/index.php>

The *IJAHUC* serves as a medium to report, exchange and discuss work-in-progress, experience, case studies, trend-setting ideas on ad hoc and ubiquitous computing as well as potential future directions and issues. In addition, theoretical contributions (such as new techniques, concepts, and analyses) and practical contributions (such as system experiments, prototypes, and new applications) are included.

NanoS. Wiley-VCH. 1614-7855. v.1, 2004. 4/year. www.nanos-online.de

The English-language journal *NanoS* (official publication of the VDI-Kompetenzfeld Nanotechnik) is intended for chemists, physicists and process engineers working in nanotechnology R&D. Recent articles include "Molecular Vapor Deposition: An Improved Vapor-Phase Deposition Technique of Molecular Coatings for MEMS Devices," by Boris Kobrin, Robert Ashurst et al.; "Nanotechnology-based Easy-to-clean Coatings for Glass," by Michael Overs; and "UV-Curable Acrylate Nanocomposites for Functional Coatings Properties and Applications" by Reiner Mehnert and Hartmut Krannich.

Nature Physics. 1745-2473. Nature Publishing Group. v.1, 2005. \$1,500.00. <http://www.nature.com/nphys/index.html>

Nature Physics publishes papers in all areas of physics, pure and applied. The journal content reflects core physics disciplines, but is also open to a broad range of topics whose central theme falls within the bounds of physics. Theoretical physics, particularly where it is pertinent to experiment, is also featured. Research areas

covered in the journal include quantum physics, condensed-matter physics, fluid dynamics, optical physics, chemical physics, information theory and computation, nanotechnology, plasma physics, high-energy particle physics, biophysics, and geophysics.

Physical Review Special Topics—Physics Education Research. 1554-9178. American Physical Society. v.1, 2005. 2/year. Free. http://publish.aps.org/prstper_announce.html

The scope of the journal covers the full range of experimental and theoretical research on the teaching and/or learning of physics. Review articles, replication studies, descriptions of the development and use of new assessment tools, presentation of research techniques, and methodology comparisons/critiques are included. The journal is completely electronic with electronic submission, refereeing, publication, and with the archival record being an online journal.

Plasma Processes and Polymers. 1612-8850. Wiley. v.1, 2004. 9/year. \$998.00. <http://www3.interscience.wiley.com/cgi-bin/jhome/106571203>

Plasma Processes and Polymers is a critically reviewed journal covering all aspects of state-of-the-art in low-temperature plasma science presented in various categories. Highlights of 2005 include a special issue devoted to the *9th International Symposium on High Pressure, Low Temperature Plasma Chemistry (HAKONE IX)*, guest-edited by Professor M. Rea and also a special issue devoted to the *16th International Vacuum Congress (IVC 16)*, guest-edited by Professor M. Sancrotti. The journal is intended for materials scientists, physicists, chemists, and engineers both in academia and industry.