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New Science and Technology Journals

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NEW SCIENCE AND TECHNOLOGY JOURNALS

Earl Mounts, Editor
Linda Musser, Assistant Editor

Aluminum Transactions. 1521-0200. v.1, 1999. 4/yr. $325.00. URL: http://www.alumtrans.com/
Aluminum Transactions includes research papers which deal with the development, fabrication and utilization of aluminum alloys. In addition, the journal provides international coverage of review papers, technical papers and letters, all of which help keep readers abreast of the latest developments on all aspects of the commercial and technological potential of aluminum alloys. (EM)

CrystEngComm. 1466-8033. Editor: Dario Braga. Royal Society of Chemistry. v.1, 1999. $353.00. URL: http://www.rsc.org/is/journals/current/crystengcomm/cceabout.htm
CrystEngComm is an electronic only journal dedicated to publishing short articles describing innovative research covering all aspects of crystal engineering. (LM)

Environmental Practice: Journal of the National Association of Environmental Professionals. 1466-0466. Editor-in-Chief: John H. Perkins. Oxford University Press. v.1, 1999. 4/yr. $125.00. URL: http://www3.oup.co.uk/envprA/
Environmental Practice, the official journal and newsletter of the National Association of Environmental Professionals (NAEP), provides an open forum to NAEP members and other concerned individuals for the discussion and analysis of significant environmental issues. Research articles and commentaries are peer-reviewed and aim for the highest standards of professional quality. (LM)


$585.00. URL: http://www.begellhouse.com/ihe/ihe.html
Industrial Heat Engineering, a translation of Promyshlenezaya Teplotekhnika, publishes refereed articles dealing with applied areas of engineering, scholarly research, design and operation of thermal processes, equipment, plants and systems. The journal covers heat and mass transfer processes and equipment, thermal engineering systems, combustion and fuels, nuclear power reactors, cogeneration, alternative energy engineering, energy conservation, thermodynamics and transfer processes, power industry ecology, measurements, control and automation. Originally published by the National Academy of Ukraine and the Institute of Engineering Thermophysics in Kiev, Ukraine. (EM)

The aim of the International Journal for Computational, Civil and Structural Engineering is to advance the research and practice in civil and structural engineering through the application of computational methods. The journal publishes original papers and educational articles that will bridge the gap between high-performance construction materials, large scale engineering systems, and advanced computational methods. The journal includes papers on computer methods in the areas of structural engineering; civil engineering materials, including composites, concrete, steel, wood, aluminum, and asphalt; and problems concerned with multiple media, such as soil-structure and fluid-structure interaction problems. (EM)
Emphasizing dynamic rather than purely descriptive work, the International Journal of Plant Sciences presents important research from laboratories around the world—research that seeks the answers to interesting questions in all areas of the plant sciences. Topics covered include plant-microbe interactions, development, structure and systematics, molecular biology, genetics and evolution, ecology, paleobotany, and physiology and ecophysiology. Founded in 1875 by John M. Coulter, IJPS has since become one of the major outlets for botanical research. (EM)


The Journal of Scheduling, a global forum for the publication of all forms of scheduling-oriented research, covers advances in scheduling research, such as the latest techniques, applications, theoretical issues and novel approaches to problems in many fields, including computer science, discrete mathematics, operations research, engineering, management, artificial intelligence, construction, distribution, manufacturing, transport, and aerospace. (LM)

**New Mars: a journal of the Martian frontier.** URL: http://www.newmars.com/

New Mars, the online publication of the Mars Society, endeavors to instill the vision of pioneering Mars, promote more aggressive government funded Mars exploration programs around the world, and conduct Mars exploration on a private basis in order to enable stand-alone private robotic missions and ultimately human exploration. (EM)

**Physical Chemistry/Chemical Physics.** 1463-9076. Royal Society of Chemistry. v.1, 1999. 24/yr. $2190.00. URL: http://www.rsc.org/is/journals/current/pccp/aboutpccp.htm

Beginning January 1999, The Royal Society of Chemistry (RSC) and the Deutsche Bunsen-Gesellschaft f"ur Physikalische Chemie (DBG) merged their two major physical chemistry journals Faraday Transactions and Berichte der Bunsen-Gesellschaft f"ur Physikalische Chemie to form this new journal. (LM)

**Wave of the Future: Chemistry, Spectroscopy, and Computational Sciences.** URL: http://kerouac.pharm.uky.edu/ASRG/wave/wavehp.htm

The Wave of the Future can be used as a feeder for other paper journals. Editors may select papers from the Wave for print dissemination based on peer review comments and number of accesses as an indication of reader interest, thus increasing the quality of the papers they spend money on publishing as hard copy. Papers should actually be perfected on the Web as a result of comments received. In the future (i.e., admittedly a few years from now), scientific WWW publication seems likely to increase. Journals may eventually cut the number of pages they print to zero, go to all Web publication (or whatever online equivalent replaces the Web) and move their ads to the WWW servers. Until then, filling the journal with papers that review well and attract a lot of reader interest can only increase their readership and advertising revenue. (EM)

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Environmental Practice: Journal of the National Association of Environmental Professionals. 1466-0466. Editor-in-Chief: John H. Perkins. Oxford University Press. v.1, 1999. 4/yr. $125.00. URL: http://www3.oup.co.uk/envpra/

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