This Week in Science

Editorial

Job Application

Letters


ScienceScope

NSF takes aim at Mosaic; up, up, and away with the science committee; etc.

News & Comment

Germany's Gene Law Begins to Bite ■ No Place for Nonconformists

Asian Gypsy Moth Jumps Ship to United States

Space Scientists Heed Call to Set Priorities ■ Solar Observatory Gets Lost in the Shuffle

Anti-Cancer Drug IL-2 May Finally Be Approved Roche Eases PCR Restrictions

NIH's Vision Runs into Political Reality ■ NIH's Slimmed-Down Strategy

Research News

Determining What Immune Cells See ■ New Theory of Diabetes Etiology Riles Immunologists

Acoustic Fridge Takes to Space

Priming the Brain's Language Pump

The Hubble Telescope Stars in Atlanta: Are Globular Clusters Born in Galactic Collisions? ■ New Strategy in the Hunt for Black Holes

CBN Ball, Anyone?

Briefings: SOS From Russian Scientists ■ Alcoholism: Modest Role Seen for Genes ■ MIT High Tech Goes After America's Cup ■ Another Stanford Resignation ■ Rat and Mouse Care ■ Homosexuality and Cognition ■ Shock Therapy Helps Kill Cancer Tumors

Articles

Working Memory: A. BADDELEY

Stability of the Astronomical Frequencies Over the Earth's History for Paleoclimate Studies: A. BERGER, M. F. LOUTRE, J. LASKAR

In What Sense Is Turbulence an Unsolved Problem?: M. NELKIN
COVER  Galileo color-ratio images of the moon, showing compositional variations. The Orientale basin, 900 kilometers in diameter, and portions of the far side highlands not seen from Earth (left: red) are similar in composition to soils collected at the Apollo 16 site. Several highland regions have enhanced iron content (yellow). The lowlands (upper right) consist of mare basalts with relatively high (blue) and low (orange) TiO₂ content. See page 570. [Courtesy of the National Aeronautics and Space Administration and the Jet Propulsion Laboratory]

Research Article


Reports

581  Natural Vegetation as a Source or Sink for Atmospheric Ammonia: A Case Study: A. O. Lapford and F. C. Feisenfeld
586  Effects of High Temperature on Silicate Liquid Structure: A Multinuclear NMR Study: J. F. Stebbins and I. Farnan
592  Chemical Signals from Host Plant and Sexual Behavior in a Moth: A. K. Raina, T. G. Kingan, A. K. Mattoo
594  Ordered Self-Assembly of Polypeptide Fragments to Form Nativelike Dimeric trp Repressor: M. L. Tasyacco and J. Carey
597  Toward a Dynamical Structure of DNA: Comparison of Theoretical and Experimental NOE Intensities: J. M. Withka, S. Swaminathan, J. Srinivasan, D. L. Beveridge, P. H. Bolton
600  Regulation of Adenyl Cyclase from Paramecium by an Intrinsic Potassium Conductance: J. E. Schultz, S. Klumpp, R. Benz, W. J. Ch. Schürhoff-Goeters, A. Schmid
603  The Son of sevenless Gene Product: A Putative Activator of Ras: L. Bonfini, C. A. Karlovich, C. Dasgupta, U. Banerjee
606  Linguistic Experience Alters Phonetic Perception in Infants by 6 Months of Age: P. K. Kuhl, K. A. Williams, F. Lacerda, K. N. Stevens, B. Lindblom

Book Reviews

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