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R. J. Reynolds subpoenas a researcher's notes

Who Controls a Researcher's Files?

Who Controls a Researcher's Files? 1620

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Childhood Leukemia: Studies Set to Test Competing Theories About Early Infection

Geophysicists Take a Tour Around the Solar System

Plate Tectonics and Hotspots: The Third Dimension

The Tropical Timber Trade and Sustainable Development

The Binding of human growth hormone to its receptor

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Keith Yamamoto

Children and other topics.

Word count: 2000

Chimpanzees, monkeys, and other animals.

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Word count: 2000

Chimpanzees, monkeys, and other animals.

Word count: 2000

Chimpanzees, monkeys, and other animals.

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Word count: 2000

Chimpanzees, monkeys, and other animals.
Computer visualization of the relation of neuronal activity in the motor cortex of a monkey to the forces exerted during hand movement. The neuronal population vector (green) predicts the dynamic force (red) but not the total force exerted by the monkey (purple) in the presence of a constant bias force (pink). See page 1692.

Vectors are successive 10-millisecond samples; yellow lines indicate overlapping green and red lines. [Computer graphics: Masato Taira and Apostolos Georgopoulos. Photography: Roger Paul. Production: Medical Media Service, Minneapolis VAMC]

RESEARCH ARTICLE

Strand-Specific Recognition of a Synthetic DNA Replication Fork by the SV40 Large Tumor Antigen
D. J. Sen Gupta and J. A. Borowiec

REPORTS

Scanning Tunneling Spectroscopic Evidence for Granular Metallic Conductivity in Conducting Polymeric Polyaniline
D. Jeon, J. Kim, M. C. Gallagher, R. F. Willis

Spin Susceptibility Scaling in High-Temperature Superconductors
J. Ruvalds, C. T. Rieck, J. Zhang, A. Virostek

Soluble Aluminum Silicates: Stoichiometry, Stability, and Implications for Environmental Geochemistry
B. A. Browne and C. T. Driscoll

Morphological Disparity in the Cambrian
D. E. G. Briggs, R. A. Fortey, M. A. Wills

Three-Dimensional Solution Structure of Human Interleukin-4 by Multidimensional Heteronuclear Magnetic Resonance Spectroscopy

Rational Design of Potent Antagonists to the Human Growth Hormone Receptor
G. Fuh, B. C. Cunningham, R. Fukunaga, S. Nagata, D. V. Goeddel, J. A. Wells

Triple Helix–Specific Ligands

Hydrogen Exchange Measurement of the Free Energy of Structural and Allosteric Change in Hemoglobin

Vaccine Protection of Chimpanzees Against Challenge with HIV-1–Infected Peripheral Blood Mononuclear Cells
P. N. Fultz, P. Nara, F. Barre-Sinoussi, A. Chaput, M. L. Greenberg, E. Muchmore, M.-P. Kieny, M. Girard

Myoglobin in a Cyanobacterium
M. Potts, S. V. Angeloni, R. E. Ebel, D. Bassam

The Motor Cortex and the Coding of Force
A. P. Georgopoulos, J. Ashe, N. Smyrnis, M. Taira

TECHNICAL COMMENTS

PET Images of Blood Flow Changes During Anxiety: Correction
W. C. Drevets, T. O. Videen, A. K. MacLeod, J. W. Haller, M. E. Raichle

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Dynamics of the upper mantle

Indicates accompanying feature
Science 256 (5064), 1609-1699.

http://science.sciencemag.org/content/256/5064.citation

http://www.sciencemag.org/help/reprints-and-permissions