Articles
Crystalline Structure and Surface Reactivity: H. C. Gatos
Atomistic models are unique tools for dealing with the chemical and physical properties of surfaces.

The Generalized Vertebrate Neuron: D. Bodian
Conventional terminology of neuron structure lags behind current functional-anatomical concepts.

Book Reviews
Progress in Materials Science, reviewed by J. Shyne; other reviews

Reports
On the Use of -tropin or -trophin in Connection with Anterior Pituitary Hormones: J. Stewart and C. H. Li


Protective Effects of Human Milk in Experimental Staphylococcus Infection: P. György, S. Dhanamitta, E. Steers

Electrical Activity in Single Myocardial Cells of Limulus polyphemus: F. V. McCann

Repeated Homing Exhibited by a Female Pallid Bat: R. Davis and E. L. Cockrum

Chronic Effect of Tetanus Toxin Applied Locally to the Cerebral Cortex of the Dog: R. Carrea and A. Lanari

An Artifact in Plant Autoradiography: E. Levi

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Meetings: Mouse Mammary Tumor Virus; Forthcoming Events

Cover
Microstructure of a \{111\} surface of a germanium single crystal thermally etched in an argon atmosphere (about $\times 850$). For a discussion of the properties of surfaces, see page 311. [H. C. Gatos and M. C. Lavine, Lincoln Laboratory, Massachusetts Institute of Technology, Lexington]