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Intracellular Calcium: Its Release from Granules During Bursting Activity in Snail Neurons: E. Sugaya and M. Onozuka

Ion Shower Milling: Its Application to Cell Membrane Removal: E. Sugaya and M. Onozuka

The Pineal Gland: A Biological Clock in vitro: S. A. Binkley, J. B. Riebman, K. B. Reilly

Calcium Entry Leads to Inactivation of Calcium Channel in Paramecium: P. Brehm and R. Eckert


Intraventricular Alloxan Eliminates Feeding Elicited by 2-Deoxyglucose: S. C. Woods and L. D. McKay


Exponential Decrease During Aging and Random Lifetime of Mouse Spermatogonial Stem Cells: N. Suzuki and H. R. Withers


Cover

Concentration profiles of gases and particles that resulted when a power plant's emissions reacted in a polluted atmosphere under solar radiation. In the near field of the plume, ozone diminished relative to the ambient concentration, but further downwind ozone rose above the ambient level. See page 1186. [Artwork by Dean Kette and Dean McCandlish, Battelle Columbus Laboratories, Columbus, Ohio]