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Wilson, E. B., Jr.: Some recent results in the study of molecular structure (abstract), 1370

Wilson, R. R.: Ultrahigh-energy accelerators (meeting report), 1602

Wingham, M. M. See Rubin, A. A.

Winckler, J. R., and E. P. Ney: Radiation from solar flares (letter), 1276

Wing, J. F.: See Jerison, H. J.

Winstead, N. N. See Jenkins, S. F., Jr., Witrty, S. E. See Bachofcer, C. S.


Wolf, J. E.: Effects of punishment on behavior (letter), 1651

Wood, L. See Kritzler, H.


Woodbury, D. M. See Esplin, D. W.

Woodbury, R. B. (Ed.), Abstracts of New World archaeology, book review of, 1241

Woodcock, A. H.: Sustained swimming in dolphins (letter), 952

Workman, J. M. See Armstrong, B. W.

World prehistory, G. Clark, book review by R. W. Ehrich, 1816

World-wide stratospheric aerosol layer, A. C. Enge et al., 1478