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Bibliography

- Batchelor, J. D. and Sears, D. W. G. (1991) Metamorphism of eucrite meteorites studied quantitatively using induced thermoluminescence. *Nature* **349**, 516-518.
- Berger, G. W., Burke, R. M., Carver, G. A. and Easterbrook, D. J. (1991) Test of thermoluminescence dating with coastal sediments from northern California. *Chemical Geology (Isotope Geoscience Section)* **87**, 21-37.
- Forman, S. L. (1991) Late Pleistocene chronology of loess deposition near Luochaun, China. *Quaternary Research* **36**, 19-28.
- Fragoulis, D. V. and Readhead, M. L. (1991) Feldspar inclusions and the anomalous fading and enhancement of thermoluminescence in quartz grains. *Nuclear Tracks and Radiation Measurements* **18**, 291-296.
- Grün, R. and Stringer, C. B. (1991) Electron Spin Resonance dating and the evolution of modern humans. *Archaeometry* **33**, 153-199.
- Ikeda, S., Kasuya, M. and Ikeya, M. (1991) ESR ages of Middle Pleistocene corals from the Ryukyu Islands. *Quaternary Research* **36**, 61-71.
- Mercier, N., Valladas, H., Joron, J.-L., Leveque, F. and Vandermeersch, B. (1991) Thermoluminescence dating of the late Neanderthal remains from Saint-Cesaire. *Nature*, **351**, 737-739.
- Murray-Wallace, C. V. and Goede, A. (1991) Aminostratigraphy and electron spin resonance studies of late Quaternary sea level change and coastal neotectonics in Tasmania, Australia. *Zeitschrift für Geomorphologie* **35**, 129-149.
- Nambi, K. S. V., Iyer, M. R., Bhatt, B. C., Srivasata, J. K. and Patil, A. S. (1990) Dating of an alpha-contaminated TLD badge. *Bulletin of Radiation Protection* **13**, 25-27.
- Nanson, G. C., Price, D. M., Short, S. A., Young, R. W. and Jones, B. G. (1991) Comparative uranium-thorium and thermoluminescence dating of weathered Quaternary alluvium in the tropics of Northern Australia. *Quaternary Research* **35**, 347-366.
- Page, K. J., Nanson, G. C. and Price, D. M. (1991) Thermoluminescence chronology of late Quaternary deposition on the riverine plain of south-eastern Australia. *Australian Geographer* **22**, 14-23.
- Prescott, J. R., Akber, R. A. and Gartia, R. K. (1990) Three-dimensional thermoluminescence spectroscopy of minerals. Chapter 10, *Spectroscopic Characterization of Minerals and their Surfaces* (eds L. M. Coyne, S. W. S. McKeever and D. F. Blake), *ACS Series* **415**, 180-189.
- Rendell, H. M. (1989) Loess deposition during the Late Pleistocene in Northern Pakistan. *Zeitschrift für Geomorphologie* **76**, 247-255.
- Rendell, H. M., Gardner, R. A. M., Agrawal, D. P. and Juyal, N. (1989) Chronology and stratigraphy of Kashmir loess. *Zeitschrift für Geomorphologie* **76**, 213-223.
- Roberts, R. G., Jones, R. and Smith, R. G. (1990) Thermoluminescence dating of a 50,000 year old human occupation site in northern Australia. *Nature* **345**, 153-156.
- Zöller, L. and Wagner, G. A. (1990) Thermoluminescence dating of loess recent developments. *Quaternary International* **7/8**, 119-128.

TL dates in

- Kolstrup, E. and Houmark-Nielsen, M. (1991) Weichselian palaeoenvironments at Kobbegård, Mon, Denmark. *Boreas* **20**, 169-182.
- Lonne, I. and Mangerud, J. (1991) An Early or Middle Weichselian sequence of proglacial, shallow marine sediments on western Svalbard. *Boreas* **20**, 85-104.

Volume 34 of Radiation Protection Dosimetry contained several papers of direct relevance to dating and are listed below.

- Aitken, M. J. (1990) TLD methods in archaeometry, geology and sediment studies. *Radiation Protection Dosimetry* **34**, 55-60.
- Coptý-Wergles, K., Nowotny, R. and Hille, P. (1990) Lyoluminescence of calcium carbonate and possible applications in the dating of loess and soils. *Radiation Protection Dosimetry* **34**, 79-82.
- Fragoulis, D. and Stoebe, T. G. (1990) Relationship of anomalous fading to feldspar inclusions in quartz. *Radiation Protection Dosimetry* **34**, 65-68.
- Hütt, G. and Jaek, I. V. (1990) Photoluminescence dating on the alkali feldspars: Physical background, equipment and some results. *Radiation Protection Dosimetry* **34**, 73-73.
- Kirsch, Y., Kristianpoller, N. and Shoval, S. (1990) Kinetic analysis of natural and beta-induced TL in albite. *Radiation Protection Dosimetry* **34**, 63-66.
- Smith, B. W., Rhodes, E. J., Stokes, S. and Spooner, N. A. (1990) The optical dating of sediments using quartz. *Radiation Protection Dosimetry* **34**, 75-78.
- Spooner, N. A., Aitken, M. J., Smith, B. W., Franks, M. and McElroy, C. (1990) Archaeological dating by infrared-stimulated luminescence using a diode array. *Radiation Protection Dosimetry* **34**, 75-78.
- Wallner, G., Wild, E., Aref-Azar, Hille, P. and Schmidt, W. F. O. (1990) Dating of Australian loess deposits. *Radiation Protection Dosimetry* **34**, 69-72.
- Yang, X. H. and McKeever, S. W. S. (1990) Point defects and the pre-dose effect in quartz. *Radiation Protection Dosimetry* **34**, 27-30.

Titles of abstracts relating to luminescence or ESR dating presented at the XII INQUA Congress held in China in August 1991

- Agrawal, D. P. A Review of Quaternary palaeoclimatic research in Kashmir, India.
- Berger, G. W., Pillans, B., Davis, J. O., Palmer, A. and Busacca, A. Tephrochronometry using thermoluminescence of glass and associated loess.
- Balescu, S. and Lamothe, M. Thermoluminescence dating of Pleistocene raised beaches from Europe.
- Boenigk, W. and Frechen, M. Chronostratigraphy of eolian sediments from Germany and its palaeoclimatic application.
- Botha, G. A., Wintle, A. G. and Vogel, J. C. Late Quaternary palaeosols and cyclical landscape development of northern Natal, South Africa.
- Bruckner, H. Sea level changes since 300,000 BP as documented in tectonically mobile (Mediterranean) and stable (India) zones.
- Deng, J. X. ESR dating for loess-like rocks in Changchun area and its geological interpretation.
- Dijkmans, J. W. A. Comparative thermoluminescence and optically stimulated luminescence dating studies using late Pleistocene eolian and fluvial sands and silts from the Netherlands.
- Duller, G. A. T. Luminescence dating of Pleistocene raised marine terraces, southern North Island, New Zealand.
- Frechen, M. Systematic TL dating of loess profiles from Germany.
- Grün, R. Contribution of ESR dating to the reconstruction of modern human evolution.
- Baolin, H., Cai, X. C. and Zheng, H. H. ESR age of fossil lamprotula from Dingcun section.
- Huang, P. H. et al Study of ESR dating on Peking-man site.
- Lamothe, M. and Marcheterre, B. Thermoluminescence of fine grains in till and its potential for dating glacial sediments.
- Lazarenko, A. A., Semenov, V. V. and Penkov, A. V. Excursions of geomagnetic field during the Brunhes epoch in loess formation of Central Asia and their stratigraphical significance.
- Lees, B. G., Lu, Y. C. and Price, D. M. Reconnaissance thermoluminescence dating of dunes at Cape St Lambert, east Kimberleys, north-western Australia.
- Li, S. H., Aitken, M. J. and Zhang, Z. H. Optical dating of loess: potential and problems.
- Lu, L. C., Huang, B. L. and Zheng, H. H. An application of TL chronology to late Pleistocene environmental studies.
- Lu, Y. C. et al A preliminary geochronology of the climate stratigraphy in northern China since about 150 ka BP.
- Malaeva, E. V. and Kulikov, O. A. Late Pleistocene pollen floras from the dated loess sequences of Kopetdag (Turkmenia).
- Molodkov, A. and Raukas, A. ESR dating of Quaternary mollusc shells and its use for solving main stratigraphical problems.
- Nie, G. Z. Study of ESR dating with Al center of quartz in Chinese loess.
- Pecsi, M. and Zöller, L. Loess chronology and TL dating.
- Rhodes, E. J. Optical dating of Quaternary sediments.
- Shi, J. S. TL dating; its limitation and stratigraphical meaning of loess.
- Singhvi, A. K., Bronger, A., Heinkiele, T. and Someswar Rao, M. Chronology of climatic change based on loess-palaeosol sequences in central Europe, Indian and China.
- Stokes, S., Gaylord, D. R. and Jaworowski, C. Quartz optical dating of selected aeolian sediments from the west-central and northwestern United States.
- Wintle, A. G. Luminescence dating techniques.
- Xie, J. and Aitken, M. J. Fading and luminescence dating.
- Xie, J. and Aitken, M. J. U-series disequilibrium in Chinese loess; the implication to TL, ESR and optical dating.
- Xie, J. and Aitken, M. J. Optical dating: new concept for loess by Ar⁺ laser.
- Zhang, J. Z. and Lu, Y. C. Study on residual TL of the coarse grain and fine grain quartz in the aeolian deposits.
- Zheng, G. W. Thermoluminescence dating of stalagmite from Shihua cave.
- Zhou, L. P. and Wintle, A. G. Dating Chinese loess by thermoluminescence.
- Zöller, L. and Pecsi, M. Thermoluminescence dating of middle and east European loess.

Compiled by Ann Wintle